SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

2023 ANNUAL DEMONSTRATION REPORT
Fireplace and Woodstove Change-Out Program

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San Joaquin Valley
UNIFIED AIR POLLUTION CONTROL DISTRICT

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I. Introduction

The U.S. Environmental Protection Agency (EPA) periodically reviews and establishes health-based air quality standards for ozone, particulate matter, and other pollutants. Although the San Joaquin Valley's (Valley) air quality is steadily improving, the Valley experiences unique and significant difficulties in achieving these increasingly stringent standards. The San Joaquin Valley Air Pollution Control District (District) has implemented several generations of emissions control measures for those stationary and area sources under its jurisdiction. Similarly, the California Air Resources Board (CARB) has adopted stringent regulations for mobile sources. Together, these efforts represent the nation's toughest air pollution emissions controls and have greatly contributed to reduced ozone and particulate matter concentrations in the Valley. Despite the significant progress under these regulations, greatly aided by the efforts of Valley businesses, agricultural entities, and residents, many air quality challenges remain, including attainment of EPA's most recent federal air quality standards for fine particulate matter (PM2.5).

The District's *2018 Plan for the 1997, 2006, and 2012 PM2.5 Standards* (*2018 PM2.5 Plan*), adopted in November 2018, contains a comprehensive set of local and state measures that build on existing measures to reduce air pollution from stationary, area, and mobile sources throughout the Valley. The development of the *2018 PM2.5 Plan* utilized extensive science and research, state of the art air quality modeling, and the best available information in developing a strategy for bringing the Valley into attainment with the federal health-based PM2.5 standards as expeditiously as practicable. The attainment strategy includes a combination of innovative regulatory and non-regulatory measures for both stationary and mobile sources that build upon stringent air quality measures already in place from earlier District attainment plans.

While regulations form the basis of the Valley's PM2.5 attainment strategy, emission reductions achieved through voluntary incentive programs are necessary to reduce pollution from sources over which the District does not have regulatory jurisdiction, such as mobile sources, in time to meet the federal deadlines. As part of the *2018 PM2.5 Plan*, the District committed to develop a series of defined new emission reduction measures, and to achieve aggregate emission reductions by certain dates. While the *2018 PM2.5 Plan* included estimates of emission reductions from each of the individual new measures, the District's overall commitment is to achieve the total emission reductions necessary, in aggregate, to attain the federal air quality standards, reflecting the combined reductions from the existing control strategy and new measures. Therefore, each measure may get more or less reductions than those estimated, but the District is still committed to achieving the total aggregate emission reductions identified in the Plan.

II. Rule 4901 and Fireplace and Woodstove Change-Out Program

Air quality modeling analysis conducted for the *2018 PM2.5 Plan* demonstrated that attaining the health-based PM2.5 standards by federally mandated deadlines is not possible without significant additional reductions in wood smoke emissions. The District's residential wood burning emission reduction strategy includes wood burning curtailments implemented through District Rule 4901 (Wood Burning Fireplaces and Wood Burning Heaters), in conjunction with the District's incentive grant program for fireplace and woodstove change-outs, and robust public education and outreach efforts. This approach is designed to improve public health by reducing toxic wood smoke emissions in Valley neighborhoods during the peak PM2.5 winter season (November through February), and has proven to be extremely effective in advancing the District's objectives to attain the PM2.5 federal standards and protect public health. Commitments in the Plan included rulemaking for Rule 4901 to further lower wood burning curtailment levels, as well as enhancements to the District's incentive grant funding levels, public outreach and education, enforcement, and air quality forecasting programs.

The District's *Fireplace and Woodstove Change-Out Program* plays a key role in reducing emissions from residential wood burning by encouraging a transition from the use of higher polluting wood burning heaters and fireplaces to cleaner alternatives. Since 2006, the *Fireplace and Woodstove Change-Out Program* has helped Valley residents overcome the financial obstacles in purchasing cleaner alternatives by providing incentives to replace wood burning devices with natural gas or EPA-certified wood or pellet devices. The District has been able to achieve significant PM2.5 emission reductions through the *Fireplace and Woodstove Change-Out Program* and continues to see high demand from Valley residents.

The *Fireplace and Woodstove Change-Out Program* is implemented through robust guidelines and processes consistent with state and federal guidance for State Implementation Plan (SIP) creditable emissions reduction incentive programs. In order to participate in the *Fireplace and Woodstove Change-Out Program*, residents must submit an application and receive approval prior to purchasing and installing their new lower emitting device. The measure is implemented in conjunction with a network of partnering retailers throughout the Valley who are able to provide participants the services necessary to complete their project. Participants are reimbursed for their approved incentive amounts following verification that the project has been completed and the new device has been installed.

III. History of State Implementation Plan Commitment

On November 18, 2021, the District presented the State Implementation Plan Credit for Residential Wood Burning Device Change-Out Incentive Measure to the Governing

Board.[1] The incentive program and resolution was prepared to fulfill a Plan commitment for emission reductions from the District's *Fireplace and Woodstove Change-Out Program* for approval into the SIP by EPA. Emission reductions from this program (0.33 tons per day (tpd) of PM2.5 on an annual average) are credited towards the District's 2024 and 2025 aggregate emission reduction commitment in the *2018 PM2.5 Plan* for the 35 µg/m^3 24-hour PM2.5 standard and 12 µg/m^3 annual PM2.5 standard, respectively.

Using CARB- and EPA-approved methodologies updated to account for wood burning curtailments, District staff quantified PM2.5 emission reductions from woodstove and fireplace change-outs.

Effective December 1, 2021,[2] the District eliminated incentives in the *Fireplace and Woodstove Change-Out Program* for the purchase and installation of new certified wood or pellet devices in areas of the District with access to natural gas. This update was intended to encourage residents to pursue the cleanest replacement options when changing devices, consistent with the District's ongoing need to accelerate the deployment of the cleanest available technology and to achieve significant reductions in PM2.5 Valley-wide in the near term.

In October 2022, the District changed the name of the program from the Burn Cleaner Program to *Fireplace and Woodstove Change-Out Program*. All documents with the previous program name were updated to reflect the new name.

In recognition of the continued success of the District's *Fireplace and Woodstove Change-Out Program*, in 2023 the District was awarded $8,590,223 through the EPA's competitive Targeted Air Shed Grant Program to further support the replacement of wood-burning devices.

This Annual Demonstration Report shows the District's continued achievement of reductions through this program, and fulfills the District's commitment to measure and track programmatic results in meeting the total emissions reduction stated above.

IV. Enforceable Commitment and Reporting Mechanism

As part of the Residential Wood Burning Device Change-Out Incentive Measure, the District has implemented an enforceable commitment to track the progress of meeting SIP-Creditable emission reductions. The District funds, implements, tracks the progress, and reports *Fireplace and Woodstove Change-Out Program* projects to EPA to meet the commitment of this incentive measure.

[1] https://www.valleyair.org/Board_meetings/GB/agenda_minutes/Agenda/2021/November/final/07.pdf
[2] https://www.valleyair.org/Board_meetings/GB/agenda_minutes/Agenda/2021/October/final/10.pdf

As part of the resolution adopted November 18, 2021, the District has committed to do the following:

1. Monitor implementation of 16,450 fireplace and woodstove change-out projects in accordance with the *Fireplace and Woodstove Change-Out Program* Voucher Guidelines effective September 2015, *Fireplace & Woodstove Change-Out Program* Voucher Guidelines effective September 2019, and associated program documents;

2. By December 31, 2023, achieve 0.33 tons per day of reductions in PM2.5 emissions from the 2024 annual average baseline inventory in the *2018 PM2.5 Plan*, Appendix B, Table B-1, through implementation of projects identified in Paragraph 1 or substitute measures adopted and submitted in accordance with Paragraph 7 below;

3. By December 31, 2024, achieve 0.33 tons per day of reductions in PM2.5 emissions from the 2025 annual average baseline inventory in the *2018 PM2.5 Plan*, Appendix B, Table B-1, through implementation of projects identified in Paragraph 1 or substitute measures adopted and submitted in accordance with Paragraph 8 below;

4. By August 31 of each year, beginning in 2022 and through 2025, submit an annual demonstration report to EPA that includes the following information:

    i. Identification of the portion of the 16,450 needed projects funded through the previous year by project identification number, implementation date, description of both baseline and new equipment, and any other information necessary to independently calculate emissions reductions, and quantified emission reductions;

    ii. A description of the actions taken and documentation collected by the District in the previous year to monitor implemented projects' compliance with program requirements;

    iii. A description of any changes to the program criteria and relevant forms, and related impacts on program integrity;

    iv. A determination of whether the identified incentive projects are projected to achieve the full amount of PM2.5 emission reductions identified in Paragraphs 2 and 3, and the District's basis for that determination.

5. Beginning upon adoption and through 2030, provide any requestor, consistent with the California Records Act, all documents relied upon in the preparation of the annual demonstration report described in Paragraph 4 and available in the relevant project file, including: project applications, low-income eligibility forms,

rental property owner & tenant approval forms, program vouchers, claim for payment packets (including photographic documentation of replacement devices and invoices identifying device make, model, and identifying the certified installer), destruction verification forms (including photographic documentation of baseline wood burning devices), retailer agreements, and any available inspection or audit-related documentation;

6. By August 31 of each year, beginning in 2022 through 2030, the District shall make the annual demonstration report available at http://valleyair.org/grants/apps/burncleaner/Home and available to public upon request;

7. If EPA determines by December 1, 2023, that information submitted by the District is insufficient to demonstrate that emission reductions required under Paragraph 2 will occur on schedule, adopt and submit to U.S. EPA, no later than September 1, 2024, substitute regulatory measures that will achieve emission reductions addressing the shortfall as expeditiously as practicable and no later than January 1, 2025;

8. If EPA makes an insufficiency finding in accordance with Paragraph 7, the District's obligations under Paragraphs 1 and 4 are terminated as of the date of such finding.

The contracting, reporting, and inspection provisions discussed in this section ensure that projects in the *Fireplace & Woodstove Change-Out Program* are independently verifiable and meet the criteria for emission reductions to be "enforceable" as defined by U.S. EPA guidance.

In August 2022 and 2023, the District published in-depth demonstration reports for projects completed from 2016 to 2021 and to 2022, respectively.[3,4] These reports provided vital information about the program's progress, demonstrating that the District is on track to achieve the emissions reduction commitment in the *2018 PM2.5 Plan*. This Annual Demonstration Report includes information for projects completed through 2023, fulfilling the commitment in paragraph 4 above for 2024.

V. 2023 Program Criteria and Compliance

On September 15, 2022, the District proposed to increase incentive funding for residents living in homes with access to piped natural gas. The increased incentive funding has been adjusted for replacement of a fireplace or woodstove with a natural gas insert or freestanding stove in hotspot counties from up to $2,500 to up to $3,500. Replacement with an electric heat pump in a hotspot county has also increased from up to $4,000 to $5,000. In non-hotspot counties, the incentive amount increased for

[3] https://ww2.valleyair.org/media/p4mphz20/2021annualreport_burncleanerincentivemeasure_full_2022-12-14.pdf
[4] https://ww2.valleyair.org/media/0ubbaivj/00-fireplace-and-woodstove-change-out_annualdemonstration_with-appendices.pdf

replacement of a fireplace or woodstove with a natural gas insert or freestanding stove from up to $1,000 to $2,000. Replacement of a fireplace or woodstove with an electric heat pump also increased for non-hotspot counties from up to $1,500 to $3,500. For residents living in homes without access to piped natural gas, the District increased the incentive funding to replace a fireplace or woodstove with a natural gas insert or freestanding stove from up to $1,000 to $2,000 and for electric heat pumps from up to $1,500 to $3,500. Additionally, the District increased funding to cover installation costs of natural gas devices from $500 to $650.

A new option in the Program was also added in 2023, providing up to $750 to residents to permanently dismantle/decommission their fireplace, in lieu of installing a replacement unit. Funding for decommissioning cannot be combined with replacement options. Applicants are required to complete and submit a Fireplace Decommissioning Form during the application process to certify and confirm how they will permanently render their old wood-burning device inoperable. The latest versions of the Voucher Application form, Voucher Guidelines, Low-Income Eligibility Form, Rental Property Owner & Tenant Approval form, Fireplace Decommissioning Form and the Program Retailers list, are included in Appendix B for reference.

In addition to these changes, the Low-Income Eligibility Form was updated to reflect the U.S. Department of Health and Human Services Poverty Guidelines for 2023.

The District has established procedures, voucher guidelines, applications, claim for payment forms and other associated documents to ensure that all projects meet program requirements, and are consistent with EPA guidance. The projects are fully documented and confirmed to be in compliance with program requirements prior to approval of payment on claims.

VI. Enhanced Outreach and Advertising Campaign Executed in 2023

The District's annual multimedia and multicultural outreach and educational initiatives have played a pivotal role in driving significant reductions in PM2.5 levels since the initial adoption of District Rule 4901 (Wood Burning Fireplaces and Wood Burning Heaters) and the implementation of the comprehensive Residential Wood Smoke Reduction Strategy. These efforts have heightened public awareness of the adverse health impacts of PM2.5 pollution and boosted participation in the *Fireplace and Woodstove Change-Out Program*. During the 2023 winter season, the District executed enhanced outreach and advertising to increase participation in the *Fireplace and Woodstove Change-Out Program* to meet the enforceable commitment.

The District leverages earned, paid, and owned media channels to engage target audiences, enhance public comprehension of air quality issues, and encourage program involvement. Earned media, essentially online word-of-mouth, encompasses mentions, shares, reposts, reviews, or recommendations about the agency. The District's owned media includes web-based platforms such as valleyair.org and healthyairliving.com, as

well as social media accounts (Twitter, Facebook, Instagram, NextDoor, and LinkedIn), YouTube channel, and the Valley Air app. Paid media involves marketing and advertisements funded by the District to amplify earned media and drive traffic to owned media platforms.

Overall Strategies and Approaches

- Bring awareness to San Joaquin Valley residents about District programs, rules, incentives and how to find resources and information
- Warn residents when air pollution is expected to deteriorate and provide them with information regarding steps they can take to protect their health
- Educate residents on choices/actions to take to reduce emissions such as choosing to never use wood burning devices
- Educate residents on health impacts of wood smoke through messaging within paid advertisements, educational and promotional videos, brochures and other outreach opportunities
- Encourage residents to upgrade to a cleaner device through the District's Fireplace & Woodstove Change-Out grant program
- Deliver outreach across a variety of mediums or platforms including print, television, radio, digital display banners, social media, direct mail, transit and billboards
- Continue to build brand awareness with a balanced reach and frequency across digital and traditional media
- Prioritize niche media markets to complement other District messaging
- Provide additional outreach to underserved communities through the District's *Community Air Protection Program*

Starting in early 2023, the District enhanced its paid media with specific tactics to elevate awareness of the District's *Fireplace and Woodstove Change-Out Program*. The campaign targeted those Valley residents who were over 25, and who were most likely to live in homes built prior to 1990 as homes built after 1990 are much less likely to have a wood burning device.

Within its social media platforms, the District presented paid ads to users who do not engage with its profiles. This year's English and Spanish Meta ads used both video and images to target residents and urged them to prioritize public health by avoiding wood burning.

In addition, the District tested an "instant experience" ad on social media that provided the target audience with a quick-loading landing page that featured interactive elements aimed at educating the viewer about the fireplace replacement options offered by the District. The instant experience resulted in 38,363 clicks, 6,091,372 impressions and achieved a 98% viewing percentage indicating that most users viewed the entire experience.

A set of two 30-second commercials ran on social media, broadcast TV and on Connected TV (CTV, including advertisements run on services such as Roku, Samsung TV, Pluto, etc.). The first commercial encouraged individuals to upgrade their device from a wood burning device to a gas device and the second commercial encourages residents to upgrade from a wood burning device to an electric device.

This year, in an effort to increase participation in the District's *Fireplace and Woodstove Change-Out Program*, the District introduced digital display ads as retargeting elements for people who watched the CTV ads. This yielded 3,535,586 total impressions, or 58% above projections. The display ads were optimized with "Apply Button" conversion on the landing page, aiming to increase the total application submissions for the program. This conversion tracks the total amount of clicks on the application button. A total of 519 application button conversions were noticed over the duration of the campaign.

Finally, the District maintains strong partnerships with media outlets and Valley meteorologists, which have led to an increase in the frequency of daily wood-burning status announcements during weather segments on evening television news and local radio broadcasts. These collaborations have also facilitated more extensive discussions about the health effects of wood burning and the need for residents to upgrade their wood burning devices.

VII. Projects Funded in 2023 and Cumulative PM2.5 Emission Reductions

As part of the enforceable commitment, the District committed to funding 16,450 Fireplace & Woodstove Change-Out projects. From 2016 to 2022, the District provided over $34.8 million in incentive funding for the installation of 16,439 cleaner burning devices that include gas, pellet and wood devices. In 2023, an additional 2,440 units were funded, bringing the total units funded to 18,879. Additionally, 586 change-outs were completed through 2023 that had not yet been paid as of December 31, 2023; these units have been installed and are already achieving emission reductions. Including these change-outs, Valley residents have replaced a total of 19,465 units. This fulfills the District's commitment to replace 16,450 by the December 31, 2023 deadline.

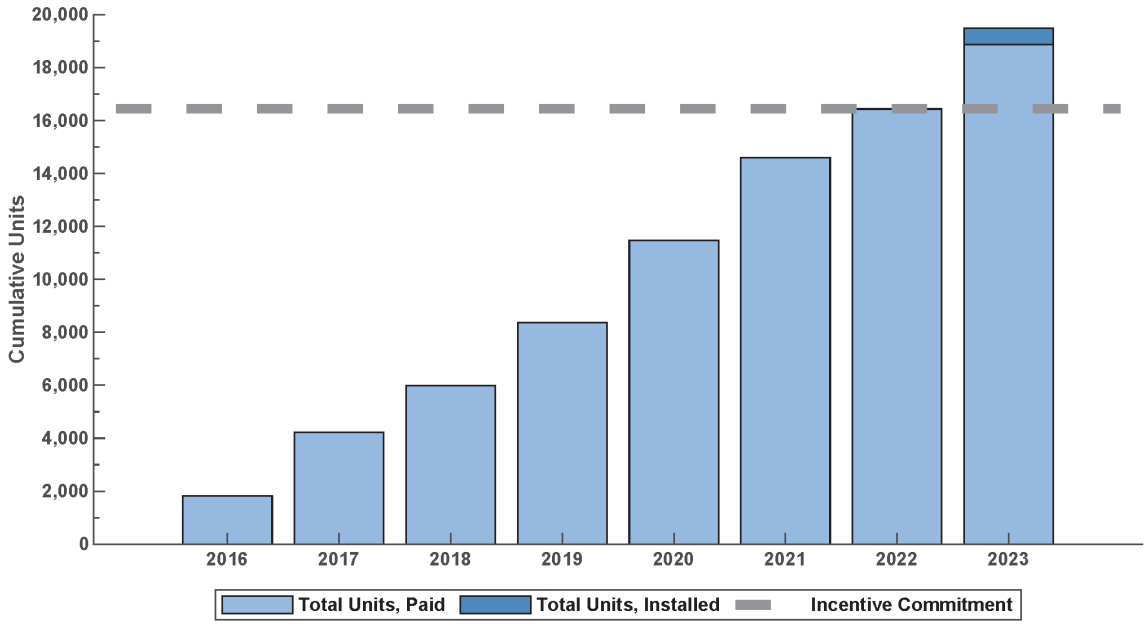
Between 2016 and 2022, the 16,439 completed device change-outs yielded 0.30 tpd of PM2.5 emission reductions. With the additional 2,440 completed change-outs in 2023 and the 586 change-outs completed through 2023 that had not yet been paid as of December 31, 2023, the District achieved total PM2.5 emission reductions of 0.33 tpd,

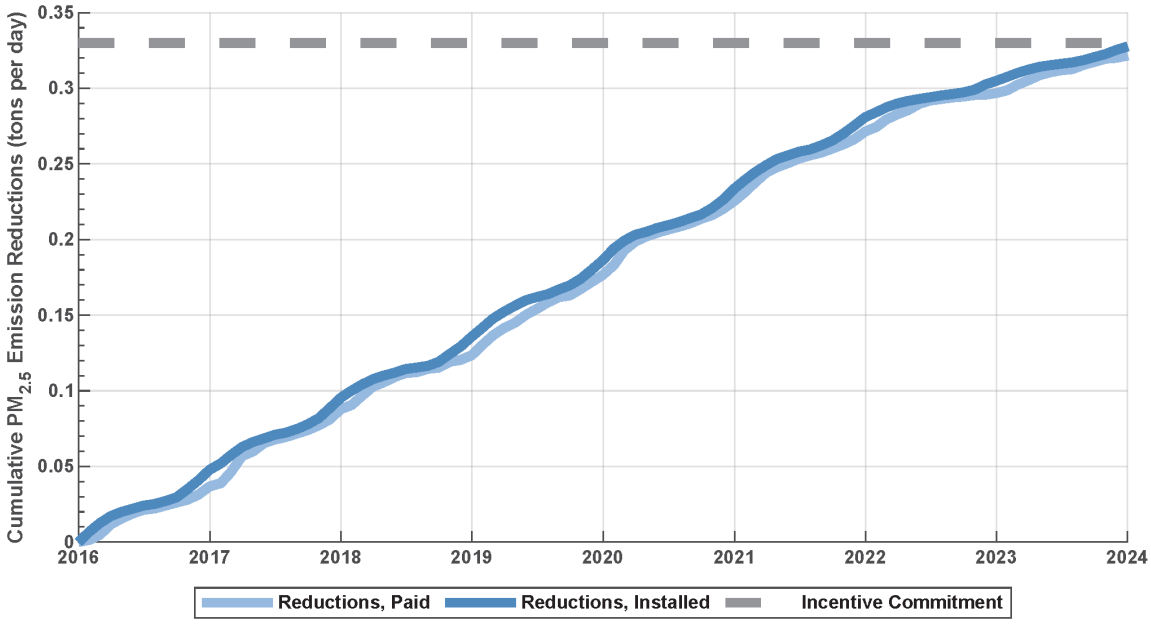
thereby fulfilling the District's emission reduction commitment to achieve PM2.5 emission reductions of 0.33 tpd by December 31, 2023.

Figure 1 shows the cumulative change-outs and PM2.5 emissions reductions from the *Fireplace and Woodstove Change-Out Program*. Figure 1 shows that the Program has achieved the emissions reductions in paragraphs 2 and 3 of the enforceable commitment. The methodology used to calculate the emissions reduction for each project is provided in Appendix A.

The completed projects along with the individual emission reductions are detailed in Appendix C.

Figure 1 Fireplace and Woodstove Change-Out Program
Cumulative Change-Outs and PM2.5 Reductions





Appendix A
Calculation Methodology

Using the woodstove replacement project list detailed in Appendix C, the District followed the EPA Guidance to develop this methodology for the calculation of emission reductions from *Fireplace and Woodstove Change-Out Program* projects. The formulae for calculating the credits were based on EPA's Guidance for *Quantifying and Using Emission Reductions from Voluntary Woodstove Changeout Programs in State Implementation Plans* prepared in 2006.[1] This calculation methodology was originally published as part of the Burn Cleaner Fireplace and Woodstove Change-out Incentive Measure Staff Report[2] and is reproduced here for reference.

I. General Equation for Emission Reductions

The following general equation determines emissions of any source category.[3]

$$E = A \times EF \times (1 - \frac{ER}{100}) \quad \textbf{(Equation 1)}$$

Where:

E = emissions;
A = activity rate;
EF = emissions factor; and
ER = overall emission reduction efficiency, %.

II. Wood Stove Specific Equation for Emission Reductions

To determine emissions reductions due to the change in efficiency from old conventional stoves to newer and more efficient stoves, the general equation above can account for efficiency with the following adjustments[4]:

$$E = A \times EF \times \left({}^{NE_{conv}}/_{NE_{new}}\right) \quad \textbf{(Equation 2)}$$

Where:

E = emissions;
A = activity rate (wood fuel usage x mass conversion);
EF = emissions factor;
NE_{conv} = net efficiency of the conventional stove; and
NE_{new} = net efficiency of the new stove.

III. Rule 4901 Curtailment-Corrected Equations

The District's Rule 4901 (Wood Burning Fireplaces and Wood Burning Heaters) sets forth a tiered episodic wood burning curtailment program implemented through the District's *Residential Wood Smoke Reduction Program*. The District has declared and enforced these curtailments, also called "No burn" days, since 2003. Most recently amended in May 2023, Rule 4901 represents the most stringent wood burning

[1] EPA. *Burn Wise.* Retrieved 8/29/22 from https://www.epa.gov/sites/default/files/documents/guidance_quantfying_jan.pdf
[2] https://ww2.valleyair.org/media/wyckustn/04-burncleanerincentivemeasure_finaldraftstaffreport_merged_2021-11-10.pdf
[3] EPA. *Burn Wise.* Retrieved 8/29/22 from Pg. B1, https://www.epa.gov/sites/default/files/documents/guidance_quantfying_jan.pdf
[4] EPA. *Burn Wise.* Retrieved 8/29/22 from Pg. B3, https://www.epa.gov/sites/default/files/documents/guidance_quantfying_jan.pdf

curtailment program in the nation. In order to ensure that emission reductions achieved by woodstove change-outs in the Valley are surplus reductions, this analysis will explicitly account for this tiered curtailment program by modifying **Equation 2** for the older replaced units and the newer units, as in the following two equations:

$$E_{old} = A \times EF_{old} \times B_{all} \quad \textbf{(Equation 3)}$$

Where:

E_{old} = old unit emissions;
A = activity rate (wood fuel usage x mass conversion);
EF_{old} = old unit emissions factor; and
B_{all} = ratio of days that no burn restrictions are called.

$$E_{new} = A \times EF_{new} \times \left(\frac{NE_{conv}}{NE_{new}}\right) \times \left[B_{all} + \left(B_{reg} \times R\right)\right] \quad \textbf{(Equation 4)}$$

Where:

E_{new} = new unit emissions;
A = activity rate (wood fuel usage x mass conversion);
EF_{new} = new unit emissions factor;
NE_{conv} = net efficiency of the conventional stove;
NE_{new} = net efficiency of the new stove;
B_{all} = ratio of days that no burn restrictions are called;
B_{reg} = ratio of days that no burn unless registered is called; and
R = ratio of devices eligible for registration that are registered based on 2019 registration data.

These modifications to **Equation 2** discount the amount of emission reductions claimed to take into account days when burning will not be allowed due to the rule requirements.

IV. Determining Activity Rate (A)

Activity is derived from the District's *2015 Area Source Emissions Inventory Methodology*[5], and can be found summarized below in Table A-1. Wood consumption rates for the Fireplace category are based on the weighted average of the two usage categories in the methodology. Fireplaces used for aesthetic purposes are assumed to be 69.5% of fireplaces with 0.143 cord/yr wood consumption, with the remaining 30.5% used for heating purposes and a wood consumption rate of 0.656 cord/yr. This results in a weighted average of 0.299 cord/yr.

[5] SJVACPD Residential Wood Combustion 2016. *2015 Area Source Emissions Inventory Methodology 610 – Residential Wood Combustion.* Retrieved 9/15/20 https://www.valleyair.org/Air_Quality_Plans/EmissionsMethods/MethodForms/Current/ResidentialWoodCombustion2016.pdf

Table A-1 – Wood Consumption Rates (Cords/Yr)

County	Fireplace	Insert	Stove
Fresno	0.299	2.10	2.09
Kern	0.299	2.10	1.57
Kings	0.299	2.10	1.16
Madera	0.299	2.10	2.61
Merced	0.299	2.10	2.67
San Joaquin	0.299	2.10	1.15
Stanislaus	0.299	2.10	1.55
Tulare	0.299	2.10	2.40

To convert the activity rate to tons per year an average wood density for California of 1.54 tons per cord[6, 7] is used, per **Equation 5** below.

$$A = W \times \delta_{CA} \quad \textbf{(Equation 5)}$$

Where:

A = activity rate;
W = Wood consumption rate; and
δ_{CA} = Average wood density in California

V. Determining Emission Factors (EF_{new} & EF_{old})

For new units, the emission rate is determined through the *EPA Certified Wood Heater Database*[8] using the make and model identified for each project:

$$EF_{new} = \frac{ER \times 1.5}{BR} \times 2 \quad \textbf{(Equation 6)}$$

Where:

EF_{new} = new unit emissions factor in pounds per ton;
ER = emissions rate in grams per hour;
BR = average burn rate in kilograms per hour of operation;
1.5 = Factor used to scale certification test emission rate to reflect real world emissions[9, 10]; and
2 = Factor used to convert grams per kilogram to pounds per ton.

[6] *Ibid.*
[7] Omni Environmental Services, Inc. (2006, October 24). *Residential Wood Combustion Emission Inventory South Coast Air Basin and Coachella Valley Portion of Salton Sea Air Basin 2002 Base Year.* Retrieved 9/15/2020 from http://www.omni-test.com/publications/SCAQMD-RWC4.pdf
[8] EPA. *EPA Certified Wood Heater Database.* Retrieved 9/15/2020 from https://www.epa.gov/compliance/epa-certified-wood-heater-database
[9] EPA. *Emission Factors for New Certified Residential Wood Heaters.* Retrieved 9/15/2020 from https://www3.epa.gov/ttnchie1/conference/ei17/session4/houck.pdf
[10] EPA regulations. (2018, December 18). *C-55. TSD. Enforceable Commitment NPR. Dec 2017* Retrieved 9/15/2020 from https://www.regulations.gov/document?D=EPA-R09-OAR-2017-0728-0042

This methodology uses 1.5 kg/hr as a burn rate[11]. The calculated emission factor above is appropriate to better determine the actual emission reductions from projects with new certified wood devices. For gas fired replacements, or electric heat pump projects the new unit emissions factor is taken to be zero.

For the older replaced units, the emission factors (EF_{old}) are based on the District's *2015 Area Source Emissions Inventory Methodology*[12], shown in Table A-2 below. For certified stoves, there are differing emission factors for catalytic and non-catalytic units. This methodology accounts for this by using a weighted average from the methodology, based on the percentage of devices by type. In this case, 8.7% of devices are assumed to be catalytic with a 19.6 lb/ton emission factor, and 91.3% of devices are assumed to be non-catalytic with an emissions factor of 14.1 lb/ton, for we weighted average of 14.579 lb/ton.

Table A-2 – Emission Factors for Old Replaced Units

Old device type	Emission Factor (lb PM2.5/ton wood)
Uncertified Stove	29.5
Certified Stove	14.579
Fireplace	22.7
Pellet Stove	2.9

VI. Determining Efficiency Values (NE_x)

When available, the efficiency of the new stoves certified to meet the 2015 New Source Performance Standards[13] (NSPS), the EPA Certified Wood Heater Database[14] provides a device specific efficiency rating. If the efficiency values are not available for the new replacement units, and for the old units, default values from Table A-3 below are used.

[11] CARB. (2018, December 31). *Portola Wood Stove Change-Out 2018 Progress Report.* Retrieved 9/15/2020 from https://ww3.arb.ca.gov/planning/sip/planarea/nsierra/portola/portolawoodstove_2018progrpt.pdf

[12] SJVACPD Residential Wood Combustion 2016. *2015 Area Source Emissions Inventory Methodology 610 – Residential Wood Combustion.* Retrieved 9/15/20 https://www.valleyair.org/Air_Quality_Plans/EmissionsMethods/MethodForms/Current/ResidentialWoodCombustion2016.pdf

[13] EPA. Federal Register. (2015, March 16). *Standards of Performance for New Residential Wood Heaters, New Residential Hydronic Heaters and Forced-Air Furnaces.* Retrieved 9/15/20 from https://www.federalregister.gov/documents/2015/03/16/2015-03733/standards-of-performance-for-new-residential-wood-heaters-new-residential-hydronic-heaters-and

[14] EPA. *EPA Certified Wood Heater Database.* Retrieved 9/15/2020 from https://www.epa.gov/compliance/epa-certified-wood-heater-database

Table A-3 – Default Efficiency Values

Device Type	Efficiency
Uncertified Stove[15]	54%
Certified Stove[16]	68%
Pellet Stove[17]	68%
Fireplace[18]	7%

VII. Determining Factors for Curtailment Accounting (B_{all} & B_{reg})

These factors reduce the emissions reductions from previously used methodologies, representing a conservative evaluation of emission reductions attributable to these incentive projects.

B_{all} and B_{reg} are calculated based on expected number of curtailments. The information necessary to determine these factors was identified in the staff report for the 2019 amendments to Rule 4901[19]. Table A-4 takes the expected number of days no one may burn, and the number of days only registered units may burn based on Table B-9 and Table B-10 in the Rule 4901 Staff Report.

The Rule 4901 analysis used the observed PM2.5 concentrations from the 2014-15, 2015-16, 2016-17, 2017-18, and 2018-19 wood burning seasons to generate those tables. Basing these numbers on the same years used in the calculations for Rule 4901 ensures there is no double counting of emissions reductions between these two deeply interconnected processes.

For the counties of Fresno, Kern, and Madera, where the recently enhanced curtailment thresholds are in place, Table A-4 uses the estimated curtailment days based on the "Proposed Threshold" columns of Tables B-9 and B-10. For the remaining counties, where the enhanced curtailment thresholds will only apply if contingency is triggered, this analysis uses the "Current Threshold" columns. The days all may burn are calculated from 120 days per year that curtailments are declared, and subtracting estimated number of days for both tiers of curtailments. B_{all} and B_{reg} are percentages, based on these numbers.

Finally, per District Rule 4901 §5.7.4, locations where natural gas service is not available are not subject to wood burning curtailments. To account for this, those homes without natural gas service will be calculated with a B_{all} of 100%, which is to say they are allowed to use their devices 100% of days.

[15] EPA. (1996, October). *Residential Wood Stoves.* Retrieved 9/15/2020 from https://www3.epa.gov/ttnchie1/ap42/ch01/final/c01s10.pdf
[16] *Ibid.*
[17] *Ibid.*
[18] OMNI Environmental Services, Inc. (1998, October 5). *Review of Fireplace Use and Technology.* Retrieved 9/15/20 from http://www.omni-test.com/publications/firepl.pdf
[19] SJVACPD. (2019, June 20). Governing Board Agenda Item, June 20, 2019: Adopt Proposed Rule 4901 – *Wood Burning Fireplaces and Wood Burning Heaters*. Retrieved 9/15/2020 from https://www.valleyair.org/Board_meetings/GB/agenda_minutes/Agenda/2019/June/final/13.pdf

Table A-4 – Estimated Curtailments

County	None May Burn	Registered May Burn	All May Burn	B_{all}	B_{reg}
Fresno	20	71	29	24.2%	59.2%
Kern	22	61	37	30.8%	50.8%
Kings	6	57	57	47.5%	47.5%
Madera	12	68	40	33.3%	56.7%
Merced	1	38	81	67.5%	31.7%
San Joaquin	2	45	73	60.8%	37.5%
Stanislaus	2	53	65	54.2%	44.2%
Tulare	4	52	64	53.3%	43.3%

VIII. Determining Rate of Registration of Eligible Devices (R)

R is calculated from the known number of registrations within the District, compared to the number of wood burning stoves purchased through the District's *Fireplace and Woodstove Change-Out Program*. The District's Grant Management Database was queried to determine the number of wood burning devices funded with *Fireplace and Woodstove Change-Out Program* incentives. Then the registration data was used to determine how many of those addresses had valid registrations on December 30, 2020. This results in an estimate of the fraction of *Fireplace and Woodstove Change-Out Program* participants that register their devices to take advantage of the additional days the new devices would be allowed to be used. The review of projects and registrations yield an R value of 14.0%.

By focusing on only devices funded with the *Fireplace and Woodstove Change-Out Program* this calculation of R value is higher than a similar calculation based on the total population of in use wood burning devices in the Valley. This results in a lower overall emissions reduction for each project, but represents a more conservative approach to emissions reduction estimates.

Using the factor B_{all} in the old unit emission calculation reduces the emissions from the replaced unit to only the % of the season it is allowed to be used. Similarly, the factor $B_{all} + (B_{reg} * R)$ reduces the emissions from the new cleaner stoves to only the days they are allowed to burn and scaling the days registered devices are allowed to burn based on the actual percentage of *Fireplace and Woodstove Change-Out Program* funded devices that are registered in the District.

IX. Project Emissions Reductions Equation

Finally, the emissions reductions for each project can be calculated, per:

$$E_{reductions} = E_{old} - E_{new} \quad \textbf{(Equation 7)}$$

Where:

$E_{reductions}$ = emissions reduced by project;
E_{old} = per **Equation 3**; and
E_{new} = per **Equation 4**.

X. Sample Calculation

In order to clarify the above methodology, an example showing the process to calculate emission reductions for one project is shown. The following project is one included in Appendix C:

Table A-5 – Sample Project Inputs

Project Number	C-47268-1
County	Madera
Old Device Type	Freestanding Non-Certified Wood Stove
New Device Type	Freestanding Certified Wood Stove
Emission Rating (g/hr)	2.1
Overall Efficiency	75%
Device Subtype	Non-Catalytic
Piped Natural Gas Service	True
Claim Date	9/20/2016

For this project, the above data inputs as well as values from Table A-1 through Table A-4 above are used to calculate the emission reductions as follows:
To calculate activity, using **Equation 5** as:

$$A = W \times \delta_{CA} = 2.61 \frac{cord}{year} \times 1.54 \frac{tons}{cord} = 4.02 \frac{tons}{year}$$

Where:

W = 2.61 cord/year is found in Table A-1 above for Madera County; and
δ_{CA} = 1.54 tons/cord.

Then the old unit emissions can be found using **Equation 3**, as:

$$E_{old} = A \times EF_{old} \times B_{all} = 4.02 \frac{tons}{year} \times 29.50 \frac{lb\ PM2.5}{ton} \times 33.3\%$$

$$E_{old} = 39.490 \frac{lb\ PM2.5}{year}$$

Where:

A = 4.02 tons/year;
EF_{old} = 29.50 lb PM2.5/ton from Table A-2; and
B_{all} = 33.3% from Table A-4.

To calculate the new unit emissions we first need to calculate the new unit emission factor using **Equation 6**:

$$EF_{new} = \frac{ER \times 1.5}{BR \times 2} = \frac{2.1\frac{g\ PM2.5}{hr} \times 1.5}{1.5\frac{kg}{hr}} \times 2\ \frac{\frac{g}{kg}}{\frac{lb}{ton}} = 4.2\ \frac{lb\ PM2.5}{ton}$$

Where:

ER = 2.1 g/hr from Table A-5; and
BR = 1.5 kg/hr.

Using these **Equation 4** yields:

$$E_{new} = A\ \times\ EF_{new}\ \times \left(\frac{NE_{conv}}{NE_{new}}\right) \times \left[B_{all} + \left(B_{reg} \times R\right)\right]$$

$$E_{new} = 4.02\ \frac{tons}{year} \times 4.2\ \frac{lb\ PM2.5}{ton}\ \times \left(\frac{54\%}{75\%}\right) \times [33.3\% + (56.7\% * 14.0\%)]$$

$$E_{new} = 5.017\ \frac{lb\ PM2.5}{year}$$

Where:

A = 4.02 tons/year;
EF_{new} = 4.2 lb PM2.5/ton;
NE_{conv} = 54% from Table A-3;
NE_{new} = 75% from Table A-5;
B_{all} = 33.3% from Table A-4;
B_{reg} = 56.7% from Table A-4; and
R =14.0%.

Finally, **Equation 7** can be used to calculate the project's emission reductions:

$$E_{reductions} = E_{old} - E_{new} = 39.490\ \frac{lb\ PM2.5}{year} - 5.017\ \frac{lb\ PM2.5}{year}$$

$$E_{reductions} = 34.473\ \frac{lb\ PM2.5}{year} = 0.0173\ \frac{tons\ PM2.5}{year}$$

Appendix B
2023 Voucher Guidelines Program Documents

- Voucher Guidelines, version effective 10/2022
- Voucher Application, version effective 10/2022
- Low Income Eligibility Form, version effective 02/2023
- Rental Property Owner & Tenant Approval Form, version effective 10/2022
- Fireplace Decommissioning Form, version effective 10/2022
- Program Retailers List, version effective 11/2023

San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

Fireplace & Woodstove CHANGE-OUT
valleyair.org/change-out

California Climate Investments — Cap and Trade Dollars at Work

VOUCHER GUIDELINES

HOW DOES THE PROGRAM WORK?

Participation in the Fireplace & Woodstove Change-out program occurs in three phases:

PHASE 1	Voucher Application – Submit a complete application and all required documents to the District for voucher approval.
PHASE 2	Voucher Approved – Present your approved voucher to a participating program retailer and purchase and install your new device, or complete your fireplace decommissioning through a licensed contractor.
PHASE 3	Voucher Redemption – Redeem your voucher by submitting a complete Claim for Payment Packet to the District, and the District will reimburse you for eligible costs, up to the approved voucher amount.

For any questions about the program, please contact staff at (559) 230-5800, or by email at grants@valleyair.org.

INCENTIVE LEVELS

The most recent amendments to the District's Rule 4901 requires stricter residential wood-burning curtailments for three counties considered "Hot Spot" areas in the San Joaquin Valley: Madera, Fresno and the Valley Air Basin portion of Kern. Due to stricter curtailment thresholds and to encourage participation, enhanced incentives will be provided for eligible participants in those counties. In addition, as part of its requirements under Assembly Bill 617 (AB 617) to implement additional measures to reduce air pollution in disadvantaged communities, the District is providing enhanced incentives to participants who have residences located in the AB 617 selected Stockton Community and have access to piped natural gas. To verify if your residence is within the AB 617 Stockton Community boundaries, please visit the District's website for the community at community.valleyair.org/checkstockton.

The eligible incentive amount is based on the physical address *("Device Address" on application)* of the old wood-burning device that will be replaced through the program, and whether the residential property is in an area that has access to piped natural gas.

ACCESS TO NATURAL GAS	LOCATION OF OLD DEVICE	ELIGIBLE NEW DEVICE TYPE	INCENTIVE LEVEL
Residence WITH access to piped natural gas	***Hot Spot Counties*** Madera, Fresno, or the Valley Air Basin portion of Kern County, or ***AB 617 Stockton Community***	Natural Gas Insert/ Freestanding Stove	**Up to $3,500*** *+ $650 for eligible installation costs*
		Electric Heat Pump	**Up to $5,000***
	Kings, Merced, San Joaquin, Stanislaus or Tulare County	Natural Gas Insert/ Freestanding Stove	**Up to $2,000** *+ $650 for eligible installation costs*
		Electric Heat Pump	**Up to $3,500**
		Low-Income	**Additional $1,500** *for qualified applicants*
Residence WITHOUT access to piped natural gas	Fresno, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare or the Valley Air Basin portion of Kern County	Certified wood insert/ Freestanding stove	**Up to $1,000**
		Certified pellet insert/ Freestanding stove	**Up to $1,000**
		Natural Gas insert/ Freestanding stove	**Up to $2,000** *+ $650 for eligible installation costs*
		Electric Heat Pump	**Up to $3,500**
		Low-Income	**Additional $1,500** *for qualified applicants*
Fireplace Decommissioning *(Funding cannot be combined with replacement options)*			**Up to $750**

**Regardless of income*

VOUCHER GUIDELINES *(Continued)*

REQUIREMENTS & ELIGIBILITY

- The replacement or modification of the open hearth fireplace or old wood/pellet device must result in the reduction of emissions.
- The applicant identified on the application must be the home/property owner, or the tenant currently renting the Device Address identified on the application, to be eligible to apply for incentive funding through the Fireplace & Woodstove Change-out Program. Tenants are required to submit a Rental Property Owner & Tenant Approval Form with their application.
- To ensure the safe and proper installation of their new device, applicants must acquire any necessary permits and obtain proof that the installation of their new device meets all local, state or federal requirements through a final inspection by an applicable authority.
- The old device must not be dismantled and be in safe, operable condition, with all original parts intact at time of application.
- **One voucher allowed per device address.**
- **Do not** make any non-refundable payments, disassemble your old device or install your new device until you receive a District Voucher.
- Old gas stoves, gas inserts, gas fireplaces, devices with a gas log or electric heating devices are not eligible for replacement through this program.
- New certified wood or pellet devices must be identified on the current list of EPA Certified Wood Heaters to be eligible for Fireplace & Woodstove Change-out. For List of EPA Certified devices please visit https://cfpub.epa.gov/oarweb/woodstove/index.cfm?fuseaction=app.search
- New gas fireplaces must be certified as heater-rated, which are tested using the American National Standard ANSI Z21.88/CSA 2.33 *(Vented Gas Fireplace Heaters)*. Gas fireplaces that are designed exclusively for aesthetic and decorative use are **not eligible**.
- Old devices located in homes owned by local Public Housing Authorities are not eligible for replacement.
- Tenants in multi-unit residential complexes with more than two units are not eligible for low-income funding.
- The property where the device is to be installed must be located within the San Joaquin Valley (SJV) air basin, which includes the following counties: San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare and the SJV portion of Kern County.
- Installation of a new device must be conducted by the contracted Retailer, where new device was purchased, or a third-party contractor affiliated with that Retailer and under their direct supervision. Self-installation, installation by non-licensed contractor or a third-party contractor not affiliated with that Retailer is not eligible under this program.
- New device must be purchased from a contracted retailer by the applicant listed on the application and voucher. For a list of eligible retailers, visit valleyair.org/change-out.
- All old wood/pellet inserts and stoves replaced and removed through this program must be permanently destroyed by a licensed recycling/dismantling facility. Open-hearth fireplaces that have been replaced with a new freestanding stove or electric heat pump must be made permanently inoperable by completely removing the fireplace structure, or permanently sealing it. The open hearth may remain intact if a new stove is installed inside the existing fireplace. Temporary methods will not satisfy this requirement.
- Priority will be given to low-income applicants, those purchasing natural gas or eligible electric devices, and those that reside in an area without piped natural gas service. To be considered as low-income, applicants must complete and submit the Voucher Application and the Low-Income Eligibility Form for review. Forms are available at valleyair.org/change-out.
- The new device must remain installed at the device address for a minimum of three years.
- Incentive funding provided under this program is not for the repair of an existing unit.
- Electric heat pumps purchased through the program must be ducted (packaged or split) heat pumps or ductless mini-split heat pumps that are permanently installed. Electric heat pumps are not the same as electric fireplaces. For more information about electric heat pumps, please visit: www.energy.gov/energysaver/heat-pump-systems. Electric fireplaces, air conditioners, portable devices, and other electric (resistance) heating devices are not eligible for funding under this program. Applicants who have a heat pump project will be contacted by program staff and be required to complete and submit a Fireplace Decommissioning Form. For ductless heat pump projects, only one head is eligible for reimbursement.
- The eligibility of the applicant to participate in the program is at the sole discretion of the District.
- Before and after photos are required, see page 5.

VOUCHER GUIDELINES *(Continued)*

REQUIREMENTS & ELIGIBILITY *(continued)*

- "Decommissioning", for the purpose of this Program, means permanently rendering inoperable. The Fireplace Decommissioning option requires that applicants render their wood-burning fireplace, insert, or freestanding stove permanently incapable of burning wood. Temporary methods will not satisfy this requirement. The following must be completed:
  - Freestanding stoves must be removed and disposed of at a licensed recycling/dismantling facility and all piping and venting must be removed and any residual openings sealed.
  - Inserts must be removed and disposed of at a licensed recycling/dismantling facility and the remaining open hearth or wood-burning firebox decommissioned according to those options.
  - Wood-burning fireboxes must be fully removed along with any associated piping and disposed of at a licensed recycling/dismantling facility.
  - Open Hearths must be either fully removed, have the interior wood-burning area sealed by completely filling with blocks/bricks and cement, or sealing off the top of the chimney with 1-2 feet of cement.
- Fireplace Decommissioning must be completed and invoiced by a licensed contractor. The applicant is responsible for obtaining all necessary permits and completing required inspections to ensure the project meets federal, state, and local requirements. Please see the Fireplace Decommissioning Form for specific requirements.

VOUCHER GUIDELINES (Continued)

OPTION 1 – DEVICE ELIGIBILITY FOR FIREPLACE REPLACEMENT

The old device must be located at a residence within the District's boundaries. Applicants must submit an application and obtain an approved voucher from the District prior to purchasing the new device.

The eligibility of the new device is based on the old device type and whether the residential property is in an area that has access to piped natural gas.

		NEW DEVICE TYPE		
LOCATION OF OLD DEVICE	**OLD DEVICE TYPE**	**Certified Wood/Pellet** *Insert, Freestanding Stove or Fireplace*	**Natural Gas/Propane** *Insert, Freestanding Stove or Fireplace*	**Electric Heat Pump**
Areas with Access to Natural Gas	**Open Hearth** *Wood-burining Fireplace*	✗	✓	✓
	Non-Certified Wood/Pellet *Insert or Freestanding Stove*	✗	✓	✓
	Certified Wood/Pellet *Insert or Freestanding Stove*	✗	✓	✓
	Natural Gas/Propane *Insert or Freestanding Stove*	✗	✗	✗
	Electric *Insert or Freestanding/ Wall-mounted Fireplace*	✗	✗	✗
Areas without Access to Natural Gas	**Open Hearth** *Wood-burning Fireplace*	✓	✓	✓
	Non-Certified Wood/Pellet *Insert or Freestanding Stove*	✓	✓	✓
	Certified Wood/Pellet *Insert or Freestanding Stove*	✗	✓	✓
	Natural Gas/Propane *Insert, Freestanding Stove, Logs or Fireplace*	✗	✗	✗
	Electric *Insert or Freestanding/ Wall-mounted Fireplace*	✗	✗	✗

OPTION 2 – DEVICE ELIGIBILITY FOR FIREPLACE DECOMMISSIONING

The old device must be located at a residence within the District's boundaries. Applicants must submit an application and obtain an approved voucher from the District prior to any decommissioning work taking place.

Fireplace decommissioning Option 2 cannot be combined with Option 1 as only one voucher may be issued per address.

OLD DEVICE TYPE	FIREPLACE DECOMMISSIONING
Open Hearth *Wood-burning Fireplace*	✓
Non-Certified Wood/Pellet *Insert or Freestanding Stove*	✓
Certified Wood/Pellet *Insert or Freestanding Stove*	✓
Natural Gas/Propane *Insert, Freestanding Stove, Logs, or Fireplace*	✗
Electric *Insert or Freestanding/Wall-mounted Fireplace*	✗

VOUCHER GUIDELINES *(Continued)*

BEFORE AND AFTER PHOTO GUIDELINES

	Photo Guidelines	Sample Photos
Before Photos Two photos are required during the Voucher Application process (Phase 1) to determine eligibility.	1) First photo must show the inside of the unmodified device/hearth, with all doors/screen open. 2) Second photo must be taken from floor to ceiling to show the old device/hearth with all original parts intact, and surrounding structures that will clearly distinguish the location of the fireplace in the room. **PHOTOS MUST:** a. *Show device in its original location and have all original parts intact (i.e. panels, screens, etc.). For freestanding stoves, the Applicant must provide a photo with the pipe and ventilation system intact.* b. *Be taken before the installation of any parts for new device (i.e. new electrical outlets, etc).*	**Photo 1** **Photo2**
After Photo One photo is required during the Claim for Payment process (Phase 3)	1) Photo must be taken from floor to ceiling to show the new device/ hearth, and surrounding structures that will clearly distinguish the location of the fireplace in the room. a. *Please provide an explanation if the surrounding is different (i.e. major reconstruction, refacing of fireplace or new location).* **NOTE: Your claim may be delayed if staff cannot determine if the new device is in the same location as the old device.**	

ADDITIONAL PHOTO REQUIREMENTS FOR ELECTRIC HEAT PUMP PROJECT

	Photo Guidelines
Before Photos *Ductless Mini-Split Heat Pump Projects*	1) Include a floor to ceiling photo of where the heat pump head is expected to be mounted indoors. 2) Include a photo from roofline to the ground where the heat pump is expected to be set outside of the house.
Ducted Heat Pump Projects	1) Include a photo of where the heat pump is expected be installed (either indoors or outdoors).
After Photos *Ductless Mini-Split Heat Pump Projects*	1) Include a photo from floor to ceiling photo where the heat pump head was installed indoors. 2) Include a photo from roofline to the ground where the heat pump was set outside of the house.
Ducted Heat Pump Projects	1) Include a photo of the installed heat pump. For split system heat pumps a photo of both new sections is required
Decommissioned Old Device	Include photo(s) of the decommissioned old device as identified on the Fireplace Decommissioning Form you completed for your project.

ADDITIONAL PHOTO REQUIREMENTS FOR FIREPLACE DECOMMISSIONING PROJECT

All photo requirements are detailed on the Fireplace Decommissioning Form, and must be completed and submitted as part of the application and claim process.

VOUCHER GUIDELINES *(Continued)*

PAYMENT PROCESS

Payment Options	Steps
Instant Reduction *Only available to qualified low-income applicants who purchase from a retailer offering the Instant Reduction option. See the Fireplace & Woodstove Change-out Retailers List for retailers who provide this option.*	• After receipt of an approved voucher, applicant purchases an eligible new device from a retailer participating in the Instant Reduction Option and only pays for the cost of the new device and installation that exceeds the voucher amount. Voucher amount is applied directly at point of purchase through the retailer to reduce the out-of-pocket cost. • Applicant signs the voucher and gives the claim for payment packet to the retailer, who will submit it directly to the District for reimbursement of the reduced amount. For installations completed by a subcontractor (not retailer), applicant will need to submit a separate claim directly to the District for reimbursement of any remaining voucher amount. • Applicant must ensure the claim to reimburse the retailer is properly completed, including but not limited to, signing all necessary paperwork, providing appropriate supporting documentation and resolving any issues pertaining to the purchase and installation of the new device.
Reimbursement *Available to all qualified applicants. See the Fireplace & Woodstove Change-out Retailers List for all contracted retailers.*	• **Option 1** – Fireplace Replacement: After receipt of an approved voucher, applicant purchases an eligible new device from participating program retailer and pays for the entire cost of the new device, including installation. • **Option 2** – Fireplace Decommissioning: After receipt of an approved voucher, applicant completes fireplace decommissioning through a licensed contractor and pays for the entire cost of the project. • After making full payment, applicant submits a completed Claim for Payment packet, which includes copies of all invoices and receipts, to the District for reimbursement to the applicant.

Fireplace & Woodstove Change-out is funded in part by California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment — particularly in disadvantaged communities.

San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

Fireplace & Woodstove CHANGE-OUT
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Cap and Trade Dollars at Work — California Climate Investments

VOUCHER APPLICATION - Phase 1

All fields below are required unless otherwise indicated. Submitting an incomplete application will delay the processing of your application.

APPLICANT INFORMATION

First and Last Name

Mailing Address | City | State | Zip Code

Device Address *(If different from above)* | City | State | Zip Code

County of Device *(check one)*

☐ San Joaquin ☐ Stanislaus ☐ Merced ☐ Madera ☐ Fresno ☐ Kings ☐ Tulare ☐ Kern *(Valley portion)*

Primary Phone *(required)* | E-mail Address *(optional)* ☐ ***Check here if you prefer to have your voucher emailed***

Applicant Status *(check one)*

☐ I am the homeowner/property owner purchasing for "Device Address" above.

☐ I am a tenant purchasing for "Device Address" above. ***(Rental Property Owner & Tenant Approval form Required)***

Applicant Type *(check one)*

☐ Standard Application

☐ Low-Income Application ***(Low-Income Eligibility Form Required)***

OLD DEVICE INFO

Old Device Type *(check one)* ***Note: Older gas burning devices and electric heating devices are ineligible for this program***

Wood	Pellet	Other
☐ Certified insert	☐ Certified insert	☐ Open-hearth fireplace
☐ Non-certified insert	☐ Non-certified insert	☐ Wood-burning firebox
☐ Freestanding certified stove	☐ Freestanding certified stove	
☐ Freestanding non-certified stove	☐ Freestanding non-certified stove	

Does the house have access to piped natural gas? ☐ Yes ☐ No

Your house has access to piped natural gas if your gas services are provided by a utility company, and does not rely solely on gas that is purchased and stored in a propane tank.

PROJECT OPTIONS

CHECK ONE OPTION ONLY

☐ **OPTION 1: Fireplace Replacement,** ***I want to replace or modify my old device with the purchase and installation of a new device***

New Device Type *(check only one based on whether the house has access to piped natural gas)*

Options for Houses WITH Piped Natural Gas

Gas
- ☐ Insert
- ☐ Freestanding stove
- ☐ Fireplace
  (Make and Model Required)
  Make:_____
  Model:_____

Electric
Heat Pump ***(Select Type)***
- ☐ Ducted-*Packaged Unit*
- ☐ Ducted-*Split System*
- ☐ Ductless

Options for Houses WITHOUT Piped Natural Gas

Wood
- ☐ Certified insert
- ☐ Freestanding certified stove

Gas
- ☐ Insert
- ☐ Freestanding stove
- ☐ Fireplace
  (Make and Model Required)
  Make:_____
  Model:_____

Pellet
- ☐ Certified insert
- ☐ Freestanding certified stove

Electric
Heat Pump ***(Select Type)***
- ☐ Ducted-*Packaged Unit*
- ☐ Ducted-*Split System*
- ☐ Ductless

☐ **OPTION 2: Fireplace Decommissioning,** ***I want to permanently render my existing old wood-burning device inoperable without purchasing a new device*** *(Must Submit a Fireplace Decommissioning Form as part of this application)*

San Joaquin Valley
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CALIFORNIA CLIMATE INVESTMENTS
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RETAILER

Applicants may visit any retailer participating in the Fireplace & Woodstove Change-out program and are not required to choose a retailer at the time of application. If you are working with a retailer, please provide their information below. The District may contact the retailer you listed below regarding your application.

Retailer Name

Sales Representative

PHOTOS

Two pre-installation photos are required with this application.

Photo 1 - Must show the inside of the unmodified device/hearth, with all doors/screens open.

Photo 2 - Must be taken from floor to ceiling to show the old device/hearth with all original parts intact, and surrounding structures that will clearly distinguish the location of the fireplace in the room.

If you intend to purchase an electric heat pump, or participate in the fireplace decommissioning option, additional photos will be required. See Voucher Guidelines for more information.

Photo Samples *(DO NOT FAX)*

Photo 1

Photo 2

AGREE & CERTIFY

By signing this application, I certify that I have read, understand and will adhere to the Fireplace & Woodstove Change-out Program Voucher Guidelines and agree to all the following:

- *I understand that the installation of a new device must be conducted by the contracted Retailer, where new device was purchased, or a third-party contractor affiliated with that Retailer and under their direct supervision. Self-installation, installation by non-licensed contractor or a third-party contractor not affiliated with that Retailer is not eligible under this program.*
- *I understand that submission of this voucher application **does not guarantee** incentive funding for the new device.*
- *I understand that it is my responsibility to verify that the new device is eligible under the program guidelines. New wood or pellet devices must be on the current list of EPA Certified Wood Heaters and new gas fireplaces must meet ANSI z21.88/CSA2.33.*
- *I will be removing an operable old device or modifying an open hearth fireplace at the device address specified on this voucher application.*
- *If applicable, I agree to surrender my old device to a licensed recycling/dismantling facility or to the participating retailer to dispose of at a licensed recycling/dismantling facility within **90 days** of installation of the new device. If I undertake the responsibility of disposing my old device, I agree to submit a dated receipt and certification from the dismantler/recycler that my old device will be permanently destroyed.*
- *I understand that if I install the new device in a location other than what is identified in the pre-installation photos at the device address, I must first contact District staff to receive approval and I must still render the old device permanently inoperable. At the time of claim, where I will be seeking reimbursement for the completion of my project, I will be required to provide additional documentation, such as additional photos, to confirm that the location of the old device can no longer accommodate a wood-burning device.*
- *I understand that the selection of a Fireplace & Woodstove Change-out retailer is completely my choice and the District does not endorse, or is not in partnership with any Fireplace & Woodstove Change-out program retailers or installers and any such issues arising from the purchase or installation of the new device is between the applicant and the retailer or installer. The District will not be held liable for any circumstances or events that occur between the applicant and retailer or installer. Participating retailers are independent contractors; they are not officers, representatives, agents, servants, employees, partners, associates, etc. of the District.*
- *I understand that this is a reimbursement program and I will not be reimbursed until the new unit is paid in full, completely installed, and a complete Claim for Payment packet is submitted to the District. For low-income applicants who are eligible for the Instant Reduction option, please see page 2 of the Voucher Guidelines for payment processing.*
- ***I have not made any non-refundable payments towards the purchase of the new device or disassembled my old device, and will not install the new device until I have received an approved voucher from the District.***

Printed Name of Applicant | Applicant Signature | Date

CHECKLIST - Phase 1

Please make sure you submit the following:

- ☐ Two Pre-installation photos *(choose one)*
  - ☐ *Attached to App.* ☐ *Emailed* ☐ *Sent by Retailer*
- ☐ If applicable, Low-Income Documents
- ☐ If applicable, Standard Tenant Documents
- ☐ If applicable, required photos for electric heat pump project *(see Voucher Guidelines)*
- ☐ If applicable, Fireplace Decommissioning Form

Submit your complete application packet via mail, email or fax at:

Mail San Joaquin Valley Air Pollution Control District
Attention: Fireplace & Woodstove Change-out Staff
1990 East Gettysburg Ave., Fresno, Ca 93726-0244

E-mail grants@valleyair.org
(Subject line must identify your name and device address)

Fax (559) 230-6112 ***(Faxed photos are not accepted)***

Questions? (559) 230-5800

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

Fireplace & Woodstove
CHANGE-OUT
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CALIFORNIA CLIMATE INVESTMENTS
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LOW INCOME ELIGIBILITY FORM

Please complete this form, and submit it with required income documentation along with the Voucher Application.

Applicant First and Last Name

Device Address

HOUSEHOLD INFO

Low income eligibility will be determined based upon household size and the total household income.

# of People in Household	Max ANNUAL Gross Income		Max Monthly Gross Income
1	$32,805	or	$2,734
2	$44,370	or	$3,698
3	$55,935	or	$4,661
4	$67,500	or	$5,625
5	$79,065	or	$6,589
6	$90,630	or	$7,553
7	$102,195	or	$8,516
8	$113,760	or	$9,480
8+ *add the following amount for each person*	$11,565	or	$964

* *The Income Eligibility Table is updated during February of each year.*

Please fill in the following information:

Number of People in Household: _____

Household includes applicant, and as applicable, your spouse and/or all other persons who can be claimed as a dependent for tax purposes.

Total Household Gross Income: _____ ☐ Monthly ☐ Annually

This is the adjusted gross income as listed on your most recent IRS 1040 tax form. If more than one person in the household filed taxes, provide the sum of the adjusted gross incomes. If you did not file taxes, provide the total of all sources of income from all persons in the household who receive income.

INCOME VERIFICATION

Documents Required for Income Verification of all Household Members

Provide a completed copy of federal income tax Form 1040 (pages 1 & 2) or Tax Return Transcript from the most recent tax year for all members of the household who filed taxes. **Please redact all sensitive information, such as social security numbers, when submitting the copy**. You can obtain a Free Tax Return Transcript at www.irs.gov/individuals/get-transcript. If any dependent is over the age of 17, please provide documentation verifying their income or a statement regarding their income status.

OR: If you did not file a tax return this past year, you must provide the following:

1) A brief explanation as to why you did not file taxes this past year:

_____

_____

2) Copies of documentation from all issuing agencies that verifies the household income you identified. This documentation must cover the last 60 days for **all household members** who receive income. Documentation must identify the individual and amount of income received. Examples of acceptable documentation include, but are not limited to, the following:

- ☐ Check stubs; or
- ☐ W-2(s) for past year; or
- ☐ Social Security award letter for retirement, disability Supplemental Income (SSI), or Medicare benefits; or
- ☐ State Supplemental Payments (SSP); or
- ☐ Temporary Assistance for Needy Families (TANF); or
- ☐ General Assistance (GA) or General Relief (GR); or
- ☐ Publicly subsidized full medical coverage (Medi-Cal); or
- ☐ Housing Choice Voucher Program (must provide a copy of the housing assistance payments (HAP) contract).
- ☐ CAL Fresh; or
- ☐ California Work Opportunity and Responsibility to Kids (CalWORKS)

CERTIFY

I acknowledge that the information provided on this form will be used to assess and verify my low-income eligibility for the Fireplace & Woodstove Change-out program. My signature gives consent for this information to be shared with other government agencies. I declare, under penalty of perjury under the laws of the State of California, that to the best of my knowledge the information on this application is true and correct. I understand that submitting false information may result in criminal conviction or in a civil penalty of not less than $150 and not more than $1000, and that I will not be eligible to receive future assistance.

Signature _____ Date _____

San Joaquin Valley AIR POLLUTION CONTROL DISTRICT

Fireplace & Woodstove CHANGE-OUT
valleyair.org/change-out

CALIFORNIA CLIMATE INVESTMENTS
Cap and Trade Dollars at Work

RENTAL PROPERTY OWNER & TENANT APPROVAL

Rental property owners and tenants are eligible to apply for the Valley Air District's Fireplace & Woodstove Change-out Program. This form must be completed by both the rental property owner and primary tenant, and submitted with the required documents to be considered for a voucher. Please be sure to check the appropriate boxes on the Voucher Application regarding the Applicant Status and Applicant Type.

This form is only required to be completed and submitted if:

- **You are the primary tenant** who will be purchasing an eligible new device regardless of the type of application you will be submitting, Standard or Low-Income.
- **You are the rental property owner** who will be purchasing an eligible new device under the Low-Income application. If you are a rental property owner and will be submitting a Standard application, you are not required to complete and submit this form.

REQUIRED

In addition to this form, please submit the following:

Lease Agreement	Copy of the complete signed lease agreement between the property owner and occupying tenant with a minimum of six (6) months remaining from the date of the application submittal. If you cannot provide this documentation, please contact program staff.
Proof of Residence	Most recent utility bill (electricity, cable/satellite, water/garbage, etc.)

AGREE & CERTIFY

By signing this form, the rental property owner and the tenant agree to replace the existing, higher-polluting residential burning device located at the device address identified on the application with an eligible new cleaner burning device according to the Program guidelines, and agree to the following:

1. *Tenant agrees to provide supporting documentation, as needed by the District, to determine low-income eligibility. If the rental property owner is applying under the Low-income application, the tenant has the option to submit supporting documentation such as income verification directly to the District in lieu of providing it to the rental property owner.*
2. *The rental property owner shall keep the new device obtained through the Fireplace & Woodstove Change-out Program in the rental property in which it is installed, unless it is otherwise required to be removed for, but not limited to, safety or regulatory reasons as deemed appropriate by the District. The device shall become the property of the rental property owner, not the tenant or the District.*
3. *The rental property owner shall not raise the rent or evict the tenant because of the increased value of the rental property due solely to the installation of the new hearth device funded by the District.*
4. *The rental property owner and the tenant agree that payment of the incentive funding provided through the Program shall be made to the party that purchased the new hearth device.*

RENTAL PROPERTY OWNER

Mailing Address	City	State	Zip Code

Name *(print)*	Signature	Date

TENANT

Mailing Address	City	State	Zip Code

Name *(print)*	Signature	Date

Please submit this form with the completed Fireplace & Woodstove Change-out Program Voucher Application and all other applicable documents. For more information, call 559-230-5800 or visit valleyair.org/change-out.

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

Fireplace & Woodstove CHANGE-OUT
valleyair.org/change-out

California Climate Investments
Cap and Trade Dollars at Work

FIREPLACE DECOMMISSIONING FORM

This form must be completed and signed when decommissioning a wood-burning fireplace and is also required for new electric heat pump applications. *"Decommissioning", for the purpose of this Program, means permanently rendering inoperable.*

APPLICANT

First and Last Name

Device Address	City	State	Zip Code

TYPE OF WORK TO BE PERFORMED

Freestanding Wood/Pellet Stove

☐ I will have my freestanding wood/pellet stove removed and delivered to a licensed dismantling/recycling facility. A dated receipt from the dismantling/recycling facility must be obtained as proof of destruction and the facility must sign the Destruction Verification section of the Claim for Payment Form. In addition, I will remove all piping associated with the freestanding stove and permanently seal off the ceiling opening.

📷 *Photo requirement: Must include photo of the ceiling after it has been permanently sealed off. Must include a photo taken from floor to ceiling of the room after the freestanding stove is removed. Additional photos documenting the process are encouraged.*

Wood/Pellet Insert

(This option requires an additional selection from either the Wood-burning firebox or Open-hearth fireplace section)

☐ I will have my wood/pellet insert removed and delivered to a licensed dismantling/recycling facility. A dated receipt from the dismantling/recycling facility must be obtained as proof of destruction and the facility must sign the Destruction Verification section of the Claim for Payment Form.

Wood-burning firebox

☐ I will have my wood-burning firebox and all piping associated with the wood-burning firebox removed and delivered to a licensed dismantling/recycling facility. A dated receipt from the dismantling/recycling facility must be obtained as proof of destruction and the facility must sign the Destruction Verification section of the Claim for Payment Form.

📷 *Photo requirement: Must show the fireplace after the wood-burning firebox and all piping associated with the firebox is removed. Must include a photo after the opening is permanently sealed off with drywall. Additional photos documenting the process are encouraged.*

Open-hearth fireplace

☐ I will completely remove my chimney and wood-burning fireplace

📷 *Photo requirement: Must include both an interior and exterior photo after the fireplace is completely removed. Must include a photo taken from floor to ceiling of the area where the fireplace previously existed after it has been remodeled. Additional photos documenting the process are encouraged.*

☐ I will permanently seal up my fireplace with masonry. This option requires the interior wood-burning area of the fireplace to be completely filled in with block or bricks and cement.

📷 *Photo requirement: Must include a photo at the beginning of the process, the middle of the process and the end of the process when the fireplace has been permanently sealed.*

☐ I will permanently seal off the top of my chimney with cement. This option requires 1-2 feet of cement to seal off the top of the chimney.

📷 *Photo requirement: Must include a photo after the top of the chimney has been prepared but before the cement has been poured. In addition, a photo after half of the required cement has been poured and a photo after the top of the chimney has been permanently sealed off with cement. Additional photos documenting the process are encouraged.*

CERTIFICATIONS

I, the applicant, certify the following:

- *I have read all the options and understand the requirements outlined in this form. I understand that I will not be reimbursed for this project until the San Joaquin Valley Air Pollution Control District (District) deems my wood-burning fireplace fully decommissioned.*
- *The District requires the use of a state licensed contractor when doing work related to the decommissioning of the wood-burning fireplace. The contractor must complete a Fireplace Decommissioning Contractor Certification Form (will be included with the voucher packet). I understand that I will not be reimbursed for any work performed by an unlicensed contractor.*
- *I assume all the risk and outcome of the fireplace decommissioning work completed for this project. I understand that I am responsible for obtaining all necessary permits and completing required inspections to ensure the project meets federal, state and local requirements.*
- *I understand that if I currently have a freestanding stove or fireplace insert, I am responsible for obtaining a dated receipt from a dismantling/recycling facility as proof of destruction. Freestanding stove and fireplace insert projects are not eligible for reimbursement without a dated receipt from a dismantling/recycling facility.*
- *I understand that I will need to provide photographic proof throughout the wood-burning fireplace decommissioning process, from start to finish. The photos must clearly shows all steps taken and I agree to submit these photos with the claim for payment packet.*

Applicant Signature	Printed Name	Date

Program Retailers

Applicants must purchase a new hearth device from a retailer on this list. Applicants have full discretion when choosing a retailer. The District does not endorse or employ any of the listed retailers. To assist qualified low-income applicants with their purchase, participating retailers are offering a reduced upfront cost for the purchase of a new device. If you are a low-income applicant, please feel free to visit a participating instant reduction retailer identified on this list, or contact program staff at (559) 230-5800 for more information.

	Retailer	Phone Number	City	CA Address
RETAILERS OFFERING INSTANT REDUCTION	Backyard and Home, Inc.	(661) 927-6030	Bakersfield	5301 White Ln, 93309
	Bakersfield Chimney	(661) 201-1863	Bakersfield	davidb805@aol.com
	Econo Air, Inc.	(661) 832-1700	Bakersfield	314 Union Ave, 93307
	Greer's Banner Air of Bakersfield, Inc.	(661) 322-5858	Bakersfield	4115 Buck Owens Blvd Ste B, 93308
	Holders Air Conditioning & Heating Inc	(661) 864-1925	Bakersfield	www.holdersac.com
	Home and Leisure Superstore	(661) 832-9000	Bakersfield	5301 White Ln, 93309
	LS England Designs, Inc.	(661) 835-8000	Bakersfield	6600 District Blvd Ste B, 93313
	Martinez Fireplace & Spa	(661) 379-0073	Bakersfield	martinezfireplaceandspa@gmail.com
	Lint & Soot Sweep	(559) 578-6094	Clovis	1128 Barstow Ave Ste 101, 93612
	Ponderosa Hearth & Home	(559) 298-1610	Clovis	812 Barstow Ave, 93612
	Advanced Heating & Air Conditioning	(559) 438-0123	Fresno	service@advancedhac.com
	America One Fireplaces	(559) 493-0110	Fresno	rod.co@live.com
	Backyard Spa & Leisure	(559) 276-0494	Fresno	7492 N Fresno St, 93720
	Central Distributing	(559) 276-1500	Fresno	4250 W Shaw Ave, 93722
	Energy House	(559) 432-1500	Fresno	122 E Bullard Ave, 93710
	Kustom Kitchens	(559) 252-3708	Fresno	1448 N Dearing Ave, 93703
	PR Plumbing, Heating & Air Conditioning Inc.	(559) 647-6550	Fresno	1504 N Maple Ave, 93703
	Giddens Brothers	(209) 745-1700	Galt	578 Fairway Dr., 95632
	Total Fireplace Inc.	(800) 499-4119	Lodi	2379 Maggio Cir Ste F5, 95240
	America One Fireplaces	(559) 493-0110	Madera	rod.co@live.com
	Vezina Industries, Inc.	(559) 479-8287	Madera	33543 Avenue 9, 93636
	America One Fireplaces	(559) 493-0110	Merced	rod.co@live.com
	Cal Farm & Home	(209) 358-1554	Merced	6245 N Winton Way, 95388
	Bailey's Heating & Air, Inc.	(209) 527-4066	Modesto	310 River Rd, 95351
	Gorman Stove Sales	(209) 522-3480	Modesto	3516 Oakdale Rd Ste C, 95357
	Modesto Direct Appliance	(209) 238-3000	Modesto	2412 McHenry Ave, 95350
	Stanislaus Stove & Flue	(209) 576-1203	Modesto	1641 Princeton Ave #1, 95350
	The Spa Doctor of Modesto	(209) 545-5224	Modesto	3500 Sisk Rd Ste J, 95356
	The Hearth of Oakdale/MCS	(209) 985-5525	Oakdale	145 N 2nd Ave Ste 3, 95361
	Mountain Comforts	(559) 683-7205	Oakhurst	49190 Rd 426, 93644
	Professional Chimney & Venting Services	(209) 892-2933	Patterson	prochimney@mail.com
	Valley Fire Place Inc.	(209) 543-9800	Salida	4524 Salida Blvd, 95368
	America One Fireplaces	(559) 493-0110	Visalia	rod.co@live.com
	Buck Stove Pool & Spa	(559) 627-2205	Visalia	1830 W Caldwell Ave Ste B, 93277
	Flameco Fireplace Specialists	(661) 321-0656	Bakersfield	300 Sumner St, 93305
	Agape Fireplaces & Grills	(559) 908-2831	Clovis	www.agapefires.com
	Balanced Comfort	(559) 421-8814	Fresno	5645 E Clinton Ave, 93727
	Ben's Appliance	(209) 369-4716	Lodi	1535 S Cherokee Ln, 95240
	The Heat Source	(661) 823-0117	Tehachapi	20817 South St, 93561

Updated 11/8/2023

Appendix C
Program Projects for Calendar Years 2016 through 2023

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-42178-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	1/15/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43316-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2016	1/15/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42483-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/5/2016	1/20/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-42742-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/20/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42857-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/12/2016	1/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43122-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	1/20/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42923-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/2/2016	1/26/2016		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-42016-2B	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/4/2016	1/26/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-42844-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	1/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41924-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	FALSE	1/4/2016	1/26/2016		22.7	7	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-43102-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/4/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43318-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	1/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43076-2B	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/4/2016	1/26/2016		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-41219-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	1/5/2016	1/26/2016		29.5	2.2	54%	68%	2.61	100%	0%	0.0593	0.0035	0.0558
C-42068-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2016	1/26/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42687-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2016	1/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43214-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2016	1/26/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43224-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2016	1/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42787-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/6/2016	1/26/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43038-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/6/2016	1/26/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43181-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/6/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43197-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/6/2016	1/26/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43284-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/6/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43220-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic	TRUE	1/6/2016	1/26/2016		29.5	5	54%	70%	2.09	24%	59%	0.0115	0.0020	0.0095
C-41072-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/7/2016	1/26/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41807-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	1/26/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42640-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	1/26/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42661-1A	Merced	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.9		Non-Catalytic	TRUE	1/8/2016	1/26/2016		29.5	3.8	54%	68%	2.67	68%	32%	0.0409	0.0045	0.0365
C-42771-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42943-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42967-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43008-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43201-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43212-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	1/26/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43414-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/8/2016	1/26/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-41636-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2016	1/26/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43219-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	1/9/2016	1/26/2016		29.5	2.2	54%	68%	2.09	100%	0%	0.0475	0.0028	0.0447
C-43098-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2016	1/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43239-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42258-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	1/12/2016	1/26/2016		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-42228-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/12/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42778-1A	Tulare	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1		Non-Catalytic	FALSE	1/13/2016	1/26/2016		29.5	2	54%	68%	2.4	100%	0%	0.0545	0.0029	0.0516
C-43230-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	1/26/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42304-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/14/2016	1/26/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43281-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	1/26/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43376-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/14/2016	1/26/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43405-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/14/2016	1/26/2016		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-43195-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	1/27/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42080-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/4/2016	1/27/2016		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-36639-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2016	1/27/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42516-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2016	1/27/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42457-2B	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/7/2016	1/27/2016		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
C-42719-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/7/2016	1/27/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43207-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	1/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42760-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/9/2016	1/27/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42755-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	1/27/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43208-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	1/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43378-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	1/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43222-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/27/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43291-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/27/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42994-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/13/2016	1/27/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-42998-1A	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	1/13/2016	1/27/2016		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
C-42541-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	1/28/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41774-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	1/28/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-35987-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/8/2016	1/28/2016		22.7	7.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-41833-1A	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	1/8/2016	1/28/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-42444-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	1/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43499-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/9/2016	1/28/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-42839-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/10/2016	1/28/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43046-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	1/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43200-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	1/28/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42456-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/28/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42657-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/28/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43253-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	1/28/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41306-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/13/2016	1/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43165-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	1/28/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43280-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	1/28/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-37759-2B	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/4/2016	2/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43099-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	1/4/2016	2/1/2016		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-41903-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	2/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42564-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/7/2016	2/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41995-2B	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.8	80	Catalytic	TRUE	1/7/2016	2/1/2016		29.5	3.6	54%	80%	1.15	61%	38%	0.0159	0.0014	0.0145
C-43150-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/9/2016	2/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42811-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.4		Non-Catalytic	TRUE	1/12/2016	2/1/2016		29.5	6.8	54%	68%	1.15	61%	38%	0.0159	0.0032	0.0127
C-42885-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/12/2016	2/1/2016		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-42471-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42873-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43386-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-37165-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	2/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41900-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	2/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-42642-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	2/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42902-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/14/2016	2/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42906-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	2/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43521-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/14/2016	2/1/2016		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-42713-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	FALSE	1/15/2016	2/1/2016		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-42445-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42965-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43203-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43456-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42440-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2016	2/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42720-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	1/18/2016	2/1/2016		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-42987-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.5		Non-Catalytic	FALSE	1/18/2016	2/1/2016		29.5	7	54%	68%	2.61	100%	0%	0.0593	0.0112	0.0481
C-43348-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	2/1/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43471-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43520-1A	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	1/18/2016	2/1/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-43522-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	1/19/2016	2/1/2016		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-41927-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	TRUE	1/20/2016	2/1/2016		22.7	7	7%	73%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-43225-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/20/2016	2/1/2016		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-42946-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/1/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43578-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43272-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	2/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42981-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/13/2016	2/2/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43398-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/13/2016	2/2/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-42949-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	2/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43476-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42062-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2016	2/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42151-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.98	76	Non-Catalytic	TRUE	1/5/2016	2/3/2016		22.7	1.96	7%	76%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42148-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/7/2016	2/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42368-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/8/2016	2/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41340-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	2/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43392-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/12/2016	2/3/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-42984-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1	74	Non-Catalytic	TRUE	1/13/2016	2/3/2016		29.5	6.2	54%	74%	1.15	61%	38%	0.0159	0.0026	0.0132
C-35656-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3		Non-Catalytic	TRUE	1/15/2016	2/3/2016		29.5	6	54%	68%	1.15	61%	38%	0.0159	0.0028	0.0131
C-43079-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43473-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	2/3/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-42381-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2016	2/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42890-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2016	2/3/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43341-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/19/2016	2/3/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-42964-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	1/20/2016	2/3/2016		29.5	3	54%	76%	2.09	24%	59%	0.0115	0.0011	0.0104
C-43646-1A	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/20/2016	2/3/2016		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
C-42714-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43347-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43406-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/21/2016	2/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43441-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43470-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43747-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/22/2016	2/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43828-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/22/2016	2/3/2016		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-42353-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	2/8/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42982-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	2/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42650-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.1		Non-Catalytic	TRUE	1/8/2016	2/8/2016		29.5	2.2	54%	68%	1.55	54%	44%	0.0191	0.0013	0.0178
C-42978-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/8/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43309-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/13/2016	2/8/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-41284-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2016	2/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43345-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/19/2016	2/8/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-42955-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/21/2016	2/8/2016		29.5	7.2	54%	68%	1.15	100%	0%	0.0261	0.0051	0.0211
C-43032-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43262-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/8/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43264-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42582-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	2/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41341-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	1/25/2016	2/8/2016		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
C-40843-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/25/2016	2/8/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-43434-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	1/26/2016	2/8/2016		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-43407-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	2/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43687-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/28/2016	2/8/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-41278-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	2/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42055-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2016	2/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43692-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2016	2/9/2016		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-42986-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.1		Non-Catalytic	FALSE	1/18/2016	2/9/2016		29.5	6.2	54%	68%	1.15	100%	0%	0.0261	0.0044	0.0218
C-43384-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Catalytic	TRUE	1/18/2016	2/9/2016		22.7	3.8	7%	78%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43385-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2016	2/9/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43474-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42718-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/20/2016	2/9/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42824-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/20/2016	2/9/2016		29.5	7.2	54%	68%	1.15	100%	0%	0.0261	0.0051	0.0211
C-42973-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43524-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/9/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43670-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41366-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42374-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-38002-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/25/2016	2/9/2016		29.5	5.8	54%	68%	1.55	54%	44%	0.0191	0.0033	0.0158
C-41054-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/25/2016	2/9/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43431-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2016	2/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43438-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	2/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43730-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/28/2016	2/9/2016		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-43269-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/4/2016	2/10/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43240-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/6/2016	2/10/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43447-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/8/2016	2/10/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43232-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	2/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43686-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/20/2016	2/10/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43175-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/28/2016	2/10/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43642-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	2/10/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-43573-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	TRUE	2/1/2016	2/10/2016	22.7	7	7%	73%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-44061-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/1/2016	2/10/2016	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43448-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/2/2016	2/10/2016	29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-43517-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/2/2016	2/10/2016	22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43930-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/3/2016	2/10/2016	29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-41884-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	2/11/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43390-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/5/2016	2/12/2016	29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-43004-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43310-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42911-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	2/12/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41798-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	2/12/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43342-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.9		Non-Catalytic	FALSE	1/12/2016	2/12/2016	29.5	7.8	54%	68%	2.09	100%	0%	0.0475	0.0100	0.0375
C-42939-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-40908-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/15/2016	2/12/2016	29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43630-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42888-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/12/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43501-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/20/2016	2/12/2016	29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43458-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43066-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42828-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	2/12/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42575-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/25/2016	2/12/2016	22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-42351-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	2/12/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43167-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43827-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43788-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43806-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	2/12/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-37983-2B	Merced	Open Hearth Fireplace	Gas Insert				FALSE	1/28/2016	2/12/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41940-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43648-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	2/12/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43785-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42585-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3		Non-Catalytic	FALSE	1/29/2016	2/12/2016	29.5	6	54%	68%	2.09	100%	0%	0.0475	0.0077	0.0398
C-42287-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	2/12/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43649-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42458-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2016	2/12/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42743-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	2/16/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42097-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	1/15/2016	2/16/2016	22.7	6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43282-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2016	2/16/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41828-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	2/16/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43294-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	2/16/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41105-3C	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/29/2016	2/16/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43632-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	2/16/2016	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43179-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2016	2/16/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42268-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	FALSE	2/1/2016	2/16/2016	22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-42487-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	2/4/2016	2/16/2016	22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-42826-1A	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	2/4/2016	2/16/2016	14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
C-43073-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/5/2016	2/16/2016	29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
C-43639-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	2/16/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43790-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	2/16/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43861-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	2/16/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44180-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/8/2016	2/16/2016	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43787-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.4	73	Non-Catalytic	TRUE	2/9/2016	2/16/2016	29.5	2.8	54%	73%	2.1	54%	44%	0.0258	0.0020	0.0238
C-44060-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/9/2016	2/16/2016	29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-43625-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/10/2016	2/16/2016	29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-42040-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	2/17/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42050-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/17/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43093-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	1/21/2016	2/17/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42924-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/22/2016	2/17/2016	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-42442-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/25/2016	2/17/2016	22.7	8.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-42354-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	2/17/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43874-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	2/17/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41032-2B	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	2/23/2016	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-42864-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/7/2016	2/23/2016	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-41228-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2016	2/23/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42515-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/15/2016	2/23/2016	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-42130-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	2/23/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42470-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/27/2016	2/23/2016	22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-44104-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/1/2016	2/23/2016	29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-42634-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2016	2/23/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42673-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	2/23/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42856-2B	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	2/23/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43866-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/11/2016	2/23/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44184-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/11/2016	2/23/2016	29.5	4.2	54%	68%	2.1	24%	59%	0.0115	0.0018	0.0098
C-42876-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	2/23/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44182-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/12/2016	2/23/2016	22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44232-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2016	2/23/2016	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-42387-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	2/24/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42135-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	2/24/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42698-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/26/2016	2/24/2016	29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-43860-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/29/2016	2/29/2016	22.7	8.4	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-43847-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2016	2/29/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42548-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	3/1/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43472-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/13/2016	3/1/2016	22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43710-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	3/1/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42589-1A	Merced	Freestanding Non-Certified Wood Stove	Certified Wood Insert	4.4		Non-Catalytic	TRUE	1/20/2016	3/1/2016	29.5	8.8	54%	68%	2.67	68%	32%	0.0409	0.0103	0.0306
C-43387-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2016	3/1/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43845-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2016	3/1/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43044-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/26/2016	3/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43672-1A	Tulare	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	1/26/2016	3/1/2016	2.9	0	68%	68%	2.4	53%	43%	0.0029	0.0000	0.0029
C-43638-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/27/2016	3/1/2016	29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43671-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/27/2016	3/1/2016	22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-43256-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43676-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/1/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43722-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42898-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	3/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43741-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/29/2016	3/1/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43235-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2016	3/1/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43971-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2016	3/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43621-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	2/1/2016	3/1/2016		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-43622-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	2/1/2016	3/1/2016		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-43259-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/1/2016	3/1/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43354-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43873-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42721-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2016	3/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43643-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/17/2016	3/1/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-40993-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	2/22/2016	3/1/2016		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-44164-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2016	3/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42910-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2016	3/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42497-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/7/2016	3/3/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43173-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	3/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42496-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/20/2016	3/3/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-43254-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2016	3/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42361-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42849-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43209-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2016	3/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43797-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43807-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43533-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	3/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-37895-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.9		Non-Catalytic	TRUE	2/12/2016	3/3/2016		29.5	3.8	54%	68%	2.61	33%	57%	0.0198	0.0025	0.0173
C-42803-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.4		Non-Catalytic	TRUE	2/14/2016	3/3/2016		29.5	6.8	54%	68%	2.09	24%	59%	0.0115	0.0028	0.0087
C-43101-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43702-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43202-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	2/16/2016	3/3/2016		29.5	3.8	54%	68%	2.61	33%	57%	0.0198	0.0025	0.0173
C-41888-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/6/2016	3/7/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-42367-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2016	3/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42692-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	1/7/2016	3/7/2016		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-43319-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/8/2016	3/7/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-42872-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/9/2016	3/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42993-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2016	3/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42689-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2016	3/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42014-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	3/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43164-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	3/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42594-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/13/2016	3/7/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-42975-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/13/2016	3/7/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-42894-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	TRUE	1/13/2016	3/7/2016		22.7	6.4	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42313-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1	77	Catalytic	TRUE	1/20/2016	3/7/2016		29.5	2.2	54%	77%	2.61	33%	57%	0.0198	0.0013	0.0185
C-42944-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/20/2016	3/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42012-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42322-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	3/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43223-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.1		Non-Catalytic	FALSE	1/25/2016	3/7/2016		29.5	6.2	54%	68%	2.61	100%	0%	0.0593	0.0099	0.0494
C-42583-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/26/2016	3/7/2016		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-43674-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/27/2016	3/7/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43523-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/27/2016	3/7/2016		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-42776-1A	Merced	Certified Wood Insert	Gas Insert				TRUE	1/28/2016	3/7/2016		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
C-43863-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/28/2016	3/7/2016		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44121-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	3/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43492-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/29/2016	3/7/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43673-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	2/1/2016	3/7/2016		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-42830-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2016	3/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43019-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43765-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44021-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/2/2016	3/7/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-42360-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/3/2016	3/7/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42385-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43727-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/3/2016	3/7/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-43865-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	2/3/2016	3/7/2016		29.5	2.2	54%	68%	2.61	100%	0%	0.0593	0.0035	0.0558
C-43993-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.3		Non-Catalytic	FALSE	2/3/2016	3/7/2016		29.5	2.6	54%	68%	2.1	100%	0%	0.0477	0.0033	0.0444
C-43796-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	3/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44089-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	3/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41737-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/5/2016	3/7/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-42815-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/5/2016	3/7/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-42909-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43210-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/6/2016	3/7/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43826-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2016	3/7/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44266-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2016	3/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44222-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	3/7/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42562-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/4/2016	3/8/2016		22.7	8.4	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43172-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42977-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	3/8/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42845-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/14/2016	3/8/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-42250-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/15/2016	3/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43012-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43251-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/15/2016	3/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43394-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43526-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	3/8/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-42848-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43314-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/8/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43486-1A	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	1/29/2016	3/8/2016		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
C-43335-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2016	3/8/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42474-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/8/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43444-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	3/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-43628-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/5/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43693-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43957-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43968-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43525-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/12/2016	3/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43958-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44209-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43613-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44200-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-40914-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2016	3/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42545-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/8/2016	3/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43215-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	3/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43479-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	0.66		Non-Catalytic	TRUE	1/24/2016	3/9/2016		22.7	1.32	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43453-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	3/9/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43641-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	3/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43902-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2016	3/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43742-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43903-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/2/2016	3/9/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43635-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43688-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/9/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42132-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/4/2016	3/9/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43072-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	3/9/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43857-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/5/2016	3/9/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43883-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44055-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2016	3/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41988-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/7/2016	3/9/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-42096-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/9/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43709-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43871-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43569-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/9/2016	3/9/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43409-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43872-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43949-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/10/2016	3/9/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44304-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-38788-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	2/18/2016	3/9/2016		22.7	3.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42997-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43858-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	3/1/2016	3/9/2016		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42731-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	3/9/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43163-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	3/10/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-42200-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	TRUE	2/1/2016	3/10/2016		22.7	7	7%	73%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-40361-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	2/4/2016	3/10/2016		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-43205-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/10/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43250-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	3/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43104-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42847-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/17/2016	3/10/2016		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
C-44183-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/10/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43698-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	2/23/2016	3/10/2016		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-42587-2B	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	3/10/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44465-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/24/2016	3/10/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44348-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/10/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44257-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	3/1/2016	3/10/2016		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-42823-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/14/2016	3/14/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-41395-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	FALSE	1/19/2016	3/14/2016		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-43759-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2016	3/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43705-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	1/28/2016	3/14/2016		22.7	6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-43612-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2016	3/14/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42685-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2016	3/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43695-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	3/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43196-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43091-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/11/2016	3/14/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43749-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	3/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42441-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43951-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/12/2016	3/14/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-43452-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41729-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/18/2016	3/14/2016		22.7	3	7%	76%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43440-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	3/16/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43634-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2016	3/16/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-42592-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/22/2016	3/16/2016		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-41877-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/3/2016	3/16/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43013-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/4/2016	3/16/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-37386-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/16/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43683-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	2/22/2016	3/16/2016		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-43703-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	3/16/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42653-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/3/2016	3/16/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44502-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/3/2016	3/16/2016		29.5	4.2	54%	68%	2.1	24%	59%	0.0115	0.0018	0.0098
C-44461-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/4/2016	3/16/2016		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-43060-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	3/5/2016	3/16/2016		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43681-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2		Non-Catalytic	TRUE	3/7/2016	3/16/2016		22.7	4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-43096-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	3/21/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42759-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/22/2016	3/21/2016		29.5	7.2	54%	68%	1.15	61%	38%	0.0159	0.0033	0.0125
C-43293-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	3/21/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42765-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/23/2016	3/21/2016		29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
C-43571-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	3/21/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42159-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	3/21/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43234-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	3/21/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43080-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/27/2016	3/21/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43351-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2016	3/21/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43624-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/1/2016	3/21/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42859-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/4/2016	3/21/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43941-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/6/2016	3/21/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-44050-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/21/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43577-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/9/2016	3/21/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43609-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2016	3/21/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43920-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/21/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43160-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/21/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43960-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/21/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43979-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/21/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44136-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/21/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43795-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/23/2016	3/21/2016		29.5	8.4	54%	68%	1.15	61%	38%	0.0159	0.0039	0.0120
C-44352-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/23/2016	3/21/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43603-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/21/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44259-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/21/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42738-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	12/30/2016	3/21/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42033-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/7/2016	3/22/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43071-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/13/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42529-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/14/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43323-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42761-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42241-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41772-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	3/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43446-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	1/20/2016	3/22/2016		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-42802-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.9		Non-Catalytic	FALSE	1/21/2016	3/22/2016		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-42319-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/25/2016	3/22/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-41818-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42600-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43382-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43791-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43381-1A	Tulare	Non-Certified Pellet Insert	Gas Insert				FALSE	1/28/2016	3/22/2016		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-43731-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42355-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/1/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43233-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43798-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	FALSE	2/4/2016	3/22/2016		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-43315-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/22/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43094-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	FALSE	2/6/2016	3/22/2016		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-41552-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/8/2016	3/22/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-42331-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9	74	Non-Catalytic	TRUE	2/9/2016	3/22/2016		22.7	5.8	7%	74%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43177-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	2/9/2016	3/22/2016		29.5	3.8	54%	68%	2.67	68%	32%	0.0409	0.0045	0.0365
C-43904-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42734-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/15/2016	3/22/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-44380-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/22/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41963-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43793-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/16/2016	3/22/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43963-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/16/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44053-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44262-1A	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/16/2016	3/22/2016		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
C-44346-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43685-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/17/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42586-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42912-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/18/2016	3/22/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-43285-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43570-1A	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	2/18/2016	3/22/2016		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-43611-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/18/2016	3/22/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-43619-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42213-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43496-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43758-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/22/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43977-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43825-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43849-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44208-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2016	3/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42342-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2016	3/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42712-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42443-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/23/2016	3/22/2016		29.5	5.2	54%	68%	2.09	100%	0%	0.0475	0.0066	0.0408
C-43856-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	3/22/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44054-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43211-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/26/2016	3/22/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44047-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/22/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44558-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44599-1A	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/9/2016	3/22/2016		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
C-43349-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2016	3/23/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43771-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	3/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43900-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2016	3/23/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42892-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/2/2016	3/23/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43954-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/23/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43732-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.5		Catalytic	FALSE	2/3/2016	3/23/2016		22.7	5	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-43482-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	3/23/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43959-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/23/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44105-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/23/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43439-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2016	3/23/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42129-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	3.6		Non-Catalytic	TRUE	2/26/2016	3/23/2016		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-44719-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/23/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-40759-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43395-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/23/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44587-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/23/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44748-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/23/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42490-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	3/1/2016	3/23/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43967-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	3/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43070-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43340-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42871-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-42475-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42282-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42901-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	FALSE	1/24/2016	3/24/2016		29.5	8	54%	68%	1.15	100%	0%	0.0261	0.0056	0.0205
C-42647-1A	Tulare	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.5		Non-Catalytic	FALSE	1/25/2016	3/24/2016		29.5	7	54%	68%	2.4	100%	0%	0.0545	0.0103	0.0442
C-42895-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43723-1A	Fresno	Freestanding Certified Wood Stove	Gas Fireplace				TRUE	2/1/2016	3/24/2016		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
C-43946-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41776-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/4/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44198-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43355-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2016	3/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43236-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Wood Insert	4.2		Non-Catalytic	TRUE	2/9/2016	3/24/2016		29.5	8.4	54%	68%	1.55	54%	44%	0.0191	0.0048	0.0143
C-43923-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/9/2016	3/24/2016		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-42065-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/10/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42105-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43682-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/24/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44088-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43651-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41209-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	2/15/2016	3/24/2016		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43260-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/15/2016	3/24/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44357-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2016	3/24/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44372-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2016	3/24/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43736-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44358-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	3/24/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44359-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/17/2016	3/24/2016		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-44347-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	2/17/2016	3/24/2016		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
C-43564-1A	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	2/19/2016	3/24/2016		22.7	3	7%	70%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43534-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2016	3/24/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43711-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43478-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42337-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	3/24/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43289-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44111-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43875-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	3/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44349-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	3/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43257-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2016	3/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42751-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/13/2016	3/28/2016		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-44134-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2016	3/28/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42730-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	70	Non-Catalytic	TRUE	2/16/2016	3/28/2016		29.5	2.2	54%	70%	1.55	54%	44%	0.0191	0.0012	0.0178
C-43530-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2016	3/28/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43420-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2016	3/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44311-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	3/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44239-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43760-2B	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/28/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44203-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	3/28/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44718-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/29/2016	3/28/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-42905-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/1/2016	3/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43566-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	3/2/2016	3/28/2016		29.5	3	54%	76%	2.1	33%	57%	0.0159	0.0014	0.0145
C-43610-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/2/2016	3/28/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44506-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	3/2/2016	3/28/2016		22.7	3.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42632-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/9/2016	3/28/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-44504-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	3/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44371-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	3/15/2016	3/28/2016		29.5	3.2	54%	68%	2.61	100%	0%	0.0593	0.0051	0.0542
C-44866-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2016	3/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44706-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/26/2016	3/29/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-40146-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	3/2/2016	3/29/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-44522-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/4/2016	3/29/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43978-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	3/29/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42858-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/18/2016	3/30/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43388-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43437-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42396-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42479-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42520-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2016	3/30/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43528-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	3/30/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43529-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	3/30/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43714-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2016	3/30/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42945-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	2/8/2016	3/30/2016		29.5	8.2	54%	68%	1.55	100%	0%	0.0352	0.0078	0.0274
C-43633-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/8/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43455-1A	Merced	Non-Certified Pellet Insert	Gas Fireplace				TRUE	2/11/2016	3/30/2016		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
C-43265-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43799-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44204-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43495-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42733-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	3/30/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43782-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/23/2016	3/30/2016		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-44247-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44513-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	3/30/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42985-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42415-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	2/29/2016	3/30/2016		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-44206-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-40255-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.9		Non-Catalytic	FALSE	3/2/2016	3/30/2016		29.5	5.8	54%	68%	2.61	100%	0%	0.0593	0.0093	0.0500
C-43413-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	3/2/2016	3/30/2016		29.5	3.2	54%	68%	2.09	100%	0%	0.0475	0.0041	0.0434
C-44167-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42913-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2016	3/30/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43629-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2016	3/30/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42780-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	3/30/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43650-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/4/2016	3/30/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-42903-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	TRUE	3/7/2016	3/30/2016		22.7	5.4	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44498-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2016	3/30/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44717-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	3/7/2016	3/30/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-44459-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	3/30/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43231-1A	Kern	Open Hearth Fireplace	Certified Pellet Insert	2.7			FALSE	1/5/2016	4/1/2016	22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-43001-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2016	4/1/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42168-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/27/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41586-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/13/2016	4/1/2016	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-42078-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2016	4/1/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42285-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	2/20/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42891-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	4/1/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44133-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/24/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43690-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	4/1/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44119-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/27/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43899-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2016	4/1/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43751-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	4/1/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44853-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	4/1/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43964-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	3/2/2016	4/1/2016	22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-44488-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2016	4/1/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44697-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/3/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44489-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/4/2016	4/1/2016	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44120-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2016	4/1/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44261-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	4/1/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44373-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	3/8/2016	4/1/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44458-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/8/2016	4/1/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44716-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1	66	Non-Catalytic	FALSE	3/8/2016	4/1/2016	29.5	2	54%	66%	2.1	100%	0%	0.0477	0.0026	0.0451
C-43877-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/9/2016	4/1/2016	29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-44022-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2016	4/1/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43761-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/1/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43956-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/1/2016	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44947-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/1/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42716-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	4/4/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43410-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2016	4/4/2016	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44044-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/29/2016	4/4/2016	29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-43868-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	2/2/2016	4/4/2016	22.7	6	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-44185-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/9/2016	4/4/2016	22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43626-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2016	4/4/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43485-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/18/2016	4/4/2016	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44187-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/18/2016	4/4/2016	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-42018-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/22/2016	4/4/2016	22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-44207-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	4/4/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41779-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/26/2016	4/4/2016	22.7	7.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-43238-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	2/26/2016	4/4/2016	29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-44463-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	3/2/2016	4/4/2016	22.7	8.4	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-44625-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	3/10/2016	4/4/2016	22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-44293-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/11/2016	4/4/2016	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43283-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/4/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43082-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2016	4/5/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43924-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	2/3/2016	4/5/2016	22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43180-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.9		Non-Catalytic	FALSE	2/10/2016	4/5/2016	29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-43443-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2016	4/5/2016	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42215-2B	Kings	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	2/23/2016	4/5/2016	22.7	9	7%	71%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-44202-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	4/5/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44474-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/23/2016	4/5/2016	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44509-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	4/5/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44626-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	4/5/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43701-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	4/5/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44592-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2016	4/5/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43929-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	4/5/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44590-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/8/2016	4/5/2016	29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-43460-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2016	4/5/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44596-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	3/10/2016	4/5/2016	29.5	2.2	54%	68%	2.61	33%	57%	0.0198	0.0014	0.0183
C-44753-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	3/11/2016	4/5/2016	29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-43616-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	3/15/2016	4/5/2016	22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43116-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/5/2016	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43288-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/5/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43713-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	3/16/2016	4/5/2016	22.7	9	7%	75%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-44852-1A	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	3/16/2016	4/5/2016	2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
C-44375-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/5/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44484-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/5/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44589-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/5/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44627-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/5/2016	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-35825-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	3/18/2016	4/5/2016	29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-43153-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/18/2016	4/5/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41969-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.4		Non-Catalytic	TRUE	3/23/2016	4/5/2016	29.5	6.8	54%	68%	1.15	61%	38%	0.0159	0.0032	0.0127
C-41793-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	4/6/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43412-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/27/2016	4/6/2016	29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-44197-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2016	4/6/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42280-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/15/2016	4/6/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44466-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2016	4/6/2016	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44125-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/9/2016	4/6/2016	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44585-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/6/2016	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-44475-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/6/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43312-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/18/2016	4/7/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41376-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/11/2016	4/7/2016	29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43436-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2016	4/11/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43204-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	2/11/2016	4/11/2016	22.7	1.16	7%	80%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44251-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	4/11/2016	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44235-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	2/27/2016	4/11/2016	22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-44499-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	4/11/2016	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44258-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/3/2016	4/11/2016	29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-44485-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	4/11/2016	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43451-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/8/2016	4/11/2016	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-44487-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/8/2016	4/11/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44633-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	4/11/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43078-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/9/2016	4/11/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44264-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	4/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44486-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	4/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44778-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	4/11/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43821-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	3/11/2016	4/11/2016		22.7	6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44912-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2016	4/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44958-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2016	4/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43103-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.5		Non-Catalytic	TRUE	3/12/2016	4/11/2016		29.5	5	54%	68%	2.61	33%	57%	0.0198	0.0033	0.0165
C-43391-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2016	4/11/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44221-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/11/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43706-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44855-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3	73	Non-Catalytic	TRUE	3/15/2016	4/11/2016		29.5	6	54%	73%	2.4	53%	43%	0.0291	0.0049	0.0242
C-42833-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2016	4/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43867-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/16/2016	4/11/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-44703-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2016	4/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44721-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/16/2016	4/11/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44948-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44591-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	3/18/2016	4/11/2016		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-43876-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2016	4/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44158-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2016	4/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42578-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.4		Non-Catalytic	FALSE	3/24/2016	4/11/2016		29.5	6.8	54%	68%	1.15	100%	0%	0.0261	0.0048	0.0213
C-45072-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	4/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41437-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/16/2016	4/11/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-38104-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/17/2016	4/12/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43753-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	2/18/2016	4/12/2016		29.5	3.6	54%	68%	2.1	100%	0%	0.0477	0.0046	0.0431
C-43952-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/24/2016	4/12/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-43766-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43800-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44023-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	4/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42658-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5		Non-Catalytic	TRUE	3/4/2016	4/12/2016		29.5	9	54%	68%	1.57	31%	51%	0.0110	0.0033	0.0077
C-42577-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2016	4/12/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44777-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	4/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44797-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2016	4/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44090-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4	74	Non-Catalytic	FALSE	3/11/2016	4/12/2016		22.7	8	7%	74%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-44296-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/11/2016	4/12/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42267-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/15/2016	4/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44595-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44156-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/16/2016	4/12/2016		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-43311-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2016	4/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44916-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43767-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	3/22/2016	4/12/2016		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43748-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2016	4/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44942-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43178-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/24/2016	4/12/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44961-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2016	4/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44464-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	4/12/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44927-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41493-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44582-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	3/29/2016	4/12/2016		29.5	6.8	54%	68%	2.61	100%	0%	0.0593	0.0109	0.0484
C-43869-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2016	4/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45191-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2016	4/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41867-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2016	4/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44849-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/30/2016	4/12/2016		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-44237-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2016	4/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42715-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2016	4/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43697-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2016	4/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41708-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/12/2016	4/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43596-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	4/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43035-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2016	4/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42995-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2016	4/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42968-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/13/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-40762-2B	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/18/2016	4/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41936-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/25/2016	4/14/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43338-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/6/2016	4/18/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43221-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2016	4/18/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43432-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/28/2016	4/18/2016		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-42076-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	2/25/2016	4/18/2016		22.7	2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43678-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	4/18/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-42519-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	3/10/2016	4/18/2016		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-44905-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/10/2016	4/18/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44310-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	4/18/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44491-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	4/18/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44260-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2016	4/18/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44952-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	3/23/2016	4/18/2016		22.7	3.6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-42145-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	4/18/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44913-1A	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.8	73	Non-Catalytic	TRUE	3/26/2016	4/18/2016		22.7	7.6	7%	73%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-43802-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/28/2016	4/18/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43059-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.9		Non-Catalytic	TRUE	3/30/2016	4/18/2016		29.5	3.8	54%	68%	2.61	33%	57%	0.0198	0.0025	0.0173
C-43627-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2016	4/18/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45107-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2016	4/18/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-42863-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	4/18/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44789-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	4/18/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44233-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	4/1/2016	4/18/2016		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-44501-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2016	4/18/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43608-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2016	4/18/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43965-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2016	4/18/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44521-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2016	4/18/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43970-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2016	4/18/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-45071-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2016	4/18/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42195-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	4/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42850-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	4/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42330-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2016	4/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-41859-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/23/2016	4/20/2016		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-44122-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2016	4/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44562-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	3/6/2016	4/22/2016		22.7	6.8	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-43950-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	4/25/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-40769-1A	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	2/24/2016	4/25/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44241-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	3/3/2016	4/25/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-44181-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2016	4/25/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44057-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	4/25/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44715-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/19/2016	4/25/2016		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-44652-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/29/2016	4/25/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-45280-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	4/25/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44960-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/4/2016	4/25/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-44056-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2016	4/25/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43576-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/10/2016	5/2/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43213-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2016	5/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44201-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2016	5/2/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43640-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	2/19/2016	5/2/2016		29.5	8.4	54%	68%	2.1	24%	59%	0.0115	0.0035	0.0080
C-44101-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2016	5/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44292-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/4/2016	5/2/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-44242-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	3/9/2016	5/2/2016		29.5	3.6	54%	68%	1.15	61%	38%	0.0159	0.0017	0.0142
C-44472-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/15/2016	5/2/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-45106-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/29/2016	5/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44123-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2016	5/2/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45216-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2016	5/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43934-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2016	5/2/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-44951-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2016	5/2/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44255-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5		75 Non-Catalytic	TRUE	4/15/2016	5/2/2016		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-44131-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/19/2016	5/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44130-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	5/3/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43411-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/25/2016	5/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44291-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	5/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43976-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/11/2016	5/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44851-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	FALSE	3/24/2016	5/3/2016		22.7	6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-44701-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	FALSE	3/29/2016	5/3/2016		29.5	5.4	54%	68%	2.1	100%	0%	0.0477	0.0069	0.0408
C-44946-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2016	5/3/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-41890-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2016	5/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43944-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/8/2016	5/3/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44953-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2016	5/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43574-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		69 Non-Catalytic	FALSE	4/11/2016	5/3/2016		29.5	4	54%	69%	1.15	100%	0%	0.0261	0.0028	0.0234
C-45315-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/11/2016	5/3/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43343-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2016	5/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43803-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2016	5/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45363-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2016	5/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43805-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2016	5/3/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44092-1A	San Joaquin	Certified Pellet Insert	Gas Fireplace				TRUE	4/13/2016	5/3/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-44127-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2016	5/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45205-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2016	5/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43614-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.58		80 Catalytic	FALSE	4/15/2016	5/3/2016		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45324-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2016	5/3/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45468-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	4/15/2016	5/3/2016		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-45160-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	4/18/2016	5/3/2016		22.7	6	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-45028-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2016	5/3/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45467-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/18/2016	5/3/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43850-1A	Merced	Non-Certified Wood Insert	Certified Pellet Insert	2.4		Non-Catalytic	FALSE	2/17/2016	5/5/2016		29.5	4.8	54%	68%	2.1	100%	0%	0.0477	0.0062	0.0415
C-42554-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	3/23/2016	5/5/2016		22.7	6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42069-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.2		Non-Catalytic	FALSE	4/19/2016	5/5/2016		29.5	4.4	54%	68%	1.55	100%	0%	0.0352	0.0042	0.0310
C-45374-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2016	5/5/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44917-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2016	5/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45322-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	4/15/2016	5/9/2016		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-45263-1A	Merced	Certified Wood Insert	Gas Insert				TRUE	4/19/2016	5/9/2016		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
C-45423-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2016	5/9/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45356-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/21/2016	5/9/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42286-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	1/26/2016	5/10/2016		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-43708-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	1/29/2016	5/10/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44288-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2016	5/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41406-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2016	5/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-41999-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/25/2016	5/10/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44722-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2016	5/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43445-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2016	5/10/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44594-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2016	5/10/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45196-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	3/23/2016	5/10/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-44723-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2016	5/10/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42552-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.5		69 Non-Catalytic	FALSE	3/25/2016	5/10/2016		29.5	3	54%	69%	2.61	100%	0%	0.0593	0.0047	0.0546
C-42940-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2016	5/10/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45209-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	5/10/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43744-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.5		Catalytic	TRUE	4/1/2016	5/10/2016		22.7	5	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-44205-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.3		Non-Catalytic	TRUE	4/1/2016	5/10/2016		22.7	8.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-43602-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2016	5/10/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44560-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.66		Non-Catalytic	TRUE	4/4/2016	5/10/2016		22.7	1.32	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-45255-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/5/2016	5/10/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45165-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2016	5/10/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43353-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/7/2016	5/10/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44124-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2016	5/10/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45279-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2016	5/10/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45213-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3		Non-Catalytic	TRUE	4/7/2016	5/10/2016		29.5	6	54%	68%	2.1	61%	38%	0.0290	0.0051	0.0239
C-42566-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/8/2016	5/10/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-44471-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/11/2016	5/10/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-45317-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2016	5/10/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43377-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	4/13/2016	5/10/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-42729-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	5/11/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43433-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	5/11/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-40605-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/14/2016	5/11/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44377-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/23/2016	5/11/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-44597-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/15/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42603-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	3/21/2016	5/11/2016		22.7	8.8	7%	68%	0.299465	68%	32%	0.0035	0.0002	0.0034
C-44289-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.6		Non-Catalytic	TRUE	3/22/2016	5/11/2016		29.5	3.2	54%	68%	2.1	61%	38%	0.0290	0.0027	0.0263
C-43481-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	5/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44265-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	5/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43531-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	3/31/2016	5/11/2016		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-45061-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2016	5/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44870-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2016	5/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44188-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/8/2016	5/11/2016		22.7	8.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-44598-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/11/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-45299-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/11/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-45326-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/11/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-44294-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/12/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45140-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/12/2016	5/11/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45292-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/12/2016	5/11/2016		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-44177-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	4/13/2016	5/11/2016		29.5	4.2	54%	68%	2.09	24%	59%	0.0115	0.0017	0.0097
C-44918-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2016	5/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45316-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/13/2016	5/11/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44986-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	4/14/2016	5/11/2016		29.5	3.8	54%	68%	2.61	33%	57%	0.0198	0.0025	0.0173
C-44520-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2016	5/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44561-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	4/20/2016	5/11/2016		29.5	8.4	54%	68%	2.67	68%	32%	0.0409	0.0099	0.0311
C-44243-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/22/2016	5/11/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-43804-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	4/28/2016	5/11/2016		22.7	7	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-45584-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2016	5/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44128-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	TRUE	5/2/2016	5/11/2016		29.5	6.2	54%	68%	2.4	53%	43%	0.0291	0.0054	0.0237
C-41290-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/5/2016	5/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42480-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/19/2016	5/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44106-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2016	5/12/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44754-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2016	5/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45256-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2016	5/12/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45297-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2016	5/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44020-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	4/16/2016	5/12/2016		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-44126-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2016	5/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44901-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	4/19/2016	5/12/2016		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
C-44755-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/20/2016	5/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45330-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	4/21/2016	5/12/2016		22.7	8.4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-45027-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	4/22/2016	5/12/2016		29.5	3	54%	70%	2.1	61%	38%	0.0290	0.0025	0.0265
C-41475-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2016	5/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41155-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	4/25/2016	5/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45210-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2016	5/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43955-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	3/18/2016	5/16/2016		29.5	2.2	54%	68%	1.55	54%	44%	0.0191	0.0013	0.0178
C-43879-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	3/23/2016	5/16/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42867-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2016	5/16/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45190-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	4/22/2016	5/16/2016		29.5	7	54%	68%	2.4	100%	0%	0.0545	0.0103	0.0442
C-44166-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	4/24/2016	5/16/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43397-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/13/2016	5/17/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-45451-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	2/1/2016	5/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44240-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2016	5/17/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44856-1A	Kings	Certified Wood Insert	Gas Insert				TRUE	4/5/2016	5/17/2016		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
C-40971-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	2/18/2016	5/18/2016		22.7	3.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44270-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2016	5/18/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-40508-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	4/15/2016	5/18/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45253-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/13/2016	5/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44959-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2016	5/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44707-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2016	5/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44254-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2016	5/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45614-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2016	5/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44476-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/19/2016	5/23/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-43245-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2016	5/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-39984-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2016	5/23/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43166-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2016	5/23/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43206-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	FALSE	3/17/2016	5/23/2016		22.7	7	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-44103-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2016	5/23/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44955-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	5/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44925-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2016	5/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44263-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	4/8/2016	5/23/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-45424-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/12/2016	5/23/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45396-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2016	5/23/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45337-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2016	5/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43117-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/22/2016	5/23/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45510-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/26/2016	5/23/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44309-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	4/27/2016	5/23/2016		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-45364-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2016	5/23/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45544-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/27/2016	5/23/2016		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-45428-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2016	5/23/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45591-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2016	5/23/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45633-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/28/2016	5/23/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45553-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	4/29/2016	5/23/2016		29.5	2.2	54%	68%	2.09	100%	0%	0.0475	0.0028	0.0447
C-43921-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	5/4/2016	5/23/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43589-2B	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	5/5/2016	5/23/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44924-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2016	5/24/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44524-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	3/10/2016	6/1/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-45301-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/7/2016	6/1/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-45331-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2016	6/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44705-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2016	6/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45818-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/10/2016	6/1/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45376-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	5/20/2016	6/1/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44018-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/5/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44720-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/30/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45470-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/19/2016	6/2/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-45542-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/28/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45378-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/2/2016	6/2/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-45545-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/5/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45766-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/9/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45777-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/9/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45880-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/13/2016	6/2/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42588-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2016	6/3/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-43514-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	6/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44858-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2016	6/3/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45881-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/18/2016	6/3/2016		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-42732-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2016	6/6/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-45413-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	4/15/2016	6/6/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44926-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	4/27/2016	6/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45273-1A	Kern	Open Hearth Fireplace	Gas Fireplace				FALSE	5/6/2016	6/6/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45282-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/9/2016	6/6/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-43494-1A	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	1/19/2016	6/7/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-43855-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	1/20/2016	6/9/2016		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-44165-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2016	6/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-42053-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.7		Non-Catalytic	TRUE	3/3/2016	6/13/2016		29.5	5.4	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0092
C-44956-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	4/12/2016	6/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45334-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	4/27/2016	6/13/2016		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
C-44702-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	5/2/2016	6/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44920-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2016	6/13/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45069-1A	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	5/6/2016	6/13/2016		14.5785	0	68%	68%	1.15	61%	38%	0.0079	0.0000	0.0079
C-45675-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2016	6/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44992-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2016	6/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44700-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2016	6/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45412-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	FALSE	5/10/2016	6/13/2016		22.7	6.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-44149-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2016	6/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45585-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/11/2016	6/13/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-45554-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	5/11/2016	6/13/2016		29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-45773-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2016	6/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43694-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	FALSE	5/12/2016	6/13/2016		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
C-45298-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/12/2016	6/13/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45765-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/12/2016	6/13/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-45816-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2016	6/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45469-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/14/2016	6/13/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45659-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2016	6/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45877-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2016	6/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44102-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	TRUE	4/19/2016	6/14/2016		29.5	5.4	54%	68%	2.1	24%	59%	0.0115	0.0023	0.0093
C-44351-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2016	6/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44155-1A	Kern	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	5/2/2016	6/14/2016		14.5785	0	68%	68%	1.57	100%	0%	0.0176	0.0000	0.0176
C-43047-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2016	6/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44944-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	5/9/2016	6/14/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-45507-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2016	6/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45908-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2016	6/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44695-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2016	6/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45706-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2016	6/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45440-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/25/2016	6/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44290-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2016	6/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-37954-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/30/2016	6/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44854-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2016	6/20/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44112-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2016	6/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45375-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/10/2016	6/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45313-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2016	6/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45886-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2016	6/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45336-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2016	6/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45926-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2016	6/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45835-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	5/20/2016	6/20/2016		29.5	2.2	54%	68%	2.1	33%	57%	0.0159	0.0012	0.0147
C-45995-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2016	6/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45586-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.7		Non-Catalytic	FALSE	5/25/2016	6/20/2016		29.5	5.4	54%	68%	2.61	100%	0%	0.0593	0.0086	0.0507
C-45882-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2016	6/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45653-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2016	6/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45833-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	5/26/2016	6/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44704-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/27/2016	6/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45716-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2016	6/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45898-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2016	6/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46018-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2016	6/20/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45945-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	6/1/2016	6/20/2016		29.5	9	54%	75%	2.1	54%	44%	0.0258	0.0063	0.0195
C-45492-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2016	6/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45212-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2016	6/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42948-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/11/2016	6/24/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-43018-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/14/2016	6/24/2016		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-44051-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/10/2016	6/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41648-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/31/2016	6/24/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44238-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2016	6/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44150-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2016	6/24/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44698-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2016	6/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45166-1A	Stanislaus	Certified Wood Insert	Gas Fireplace				TRUE	5/11/2016	6/24/2016		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
C-45332-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/19/2016	6/24/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-44588-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	5/21/2016	6/24/2016		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-45948-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/24/2016	6/24/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45619-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2016	6/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-44581-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	5/27/2016	6/24/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44848-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/1/2016	6/24/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-43089-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/6/2016	6/24/2016		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-46112-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/13/2016	6/24/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-46122-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/13/2016	6/24/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44900-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2016	6/24/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-40010-2B	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2016	6/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-41926-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2016	6/27/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45095-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2016	6/27/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-45120-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2016	6/27/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45149-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	4/29/2016	6/27/2016		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
C-41149-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	5/6/2016	6/27/2016		29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
C-45632-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2016	6/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44253-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2016	6/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45030-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	5/23/2016	6/27/2016		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-45264-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	5/23/2016	6/27/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45631-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2016	6/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46084-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/26/2016	6/27/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45990-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/27/2016	6/27/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45774-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2016	6/27/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45294-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/8/2016	6/27/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-45249-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	6/9/2016	6/27/2016		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-44957-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2016	6/28/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44962-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	4/16/2016	6/28/2016		29.5	7	54%	68%	1.57	31%	51%	0.0110	0.0026	0.0084
C-44981-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2016	6/28/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-41624-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2016	6/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45323-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2016	6/28/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-44249-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1		Non-Catalytic	TRUE	4/28/2016	6/28/2016		29.5	4.2	54%	68%	2.4	53%	43%	0.0291	0.0037	0.0254
C-45817-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2016	6/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45141-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	5/17/2016	6/28/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45365-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2016	6/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45836-2B	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/19/2016	6/28/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45715-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/4/2016	6/28/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45377-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2016	6/28/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46054-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2016	6/29/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-43379-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	3/11/2016	7/14/2016		22.7	8.4	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-44523-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2016	7/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-40573-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2016	7/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45355-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2016	7/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46058-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2016	7/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44914-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	6/13/2016	7/14/2016		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-45265-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/20/2016	7/14/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-45910-3C	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2016	7/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45379-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	6/27/2016	7/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-44278-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	3/2/2016	7/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43266-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2016	7/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45556-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.4		Non-Catalytic	FALSE	4/27/2016	7/20/2016		29.5	8.8	54%	68%	1.55	100%	0%	0.0352	0.0083	0.0269
C-44017-1A	Madera	Certified Pellet Insert	Gas Insert				TRUE	5/10/2016	7/20/2016		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
C-45555-1A	Fresno	Freestanding Non-Certified Pellet Stove	Gas Fireplace				TRUE	5/16/2016	7/20/2016		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
C-45583-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2016	7/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44250-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	5/19/2016	7/20/2016		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-45587-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	5/23/2016	7/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45874-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2016	7/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43090-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	5/30/2016	7/20/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-44360-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	FALSE	6/8/2016	7/20/2016		29.5	8	54%	68%	2.4	100%	0%	0.0545	0.0117	0.0428
C-45909-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	6/13/2016	7/20/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45707-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	6/14/2016	7/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45723-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2016	7/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46072-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	6/15/2016	7/20/2016		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-45456-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2016	7/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45952-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2016	7/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44456-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2016	7/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45425-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2016	7/20/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-46123-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/21/2016	7/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46149-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2016	7/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46056-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2016	7/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45592-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	6/23/2016	7/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46298-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2016	7/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46503-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	6/24/2016	7/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46364-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	6/29/2016	7/20/2016		29.5	7	54%	68%	2.09	100%	0%	0.0475	0.0089	0.0385
C-45236-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	4/23/2016	8/2/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45161-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2016	8/2/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45148-2B	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2016	8/2/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45879-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.9		78 Hybrid	TRUE	3/3/2016	8/9/2016		29.5	3.8	54%	78%	2.1	53%	43%	0.0254	0.0025	0.0229
C-45164-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/3/2016	8/9/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-43974-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/16/2016	8/9/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-46339-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	6/21/2016	8/9/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45550-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2016	8/9/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46300-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2016	8/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46690-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	7/6/2016	8/9/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-44943-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	7/8/2016	8/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45719-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/8/2016	8/9/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-46480-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2016	8/9/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46632-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2016	8/9/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-45252-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/12/2016	8/9/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46636-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2016	8/9/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46020-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2016	8/9/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42735-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2016	8/11/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-43148-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2016	8/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45950-1A	Stanislaus	Certified Wood Insert	Gas Fireplace				FALSE	6/2/2016	8/11/2016		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-43823-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/14/2016	8/11/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-46059-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2016	8/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45237-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.4		Non-Catalytic	FALSE	6/17/2016	8/11/2016		29.5	8.8	54%	68%	2.67	100%	0%	0.0606	0.0144	0.0463
C-46281-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2016	8/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45146-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2016	8/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-44098-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2016	8/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45421-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2016	8/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-42814-2B	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7		Non-Catalytic	TRUE	7/6/2016	8/11/2016		29.5	3.4	54%	68%	1.55	54%	44%	0.0191	0.0019	0.0171
C-46156-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2016	8/11/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-46502-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	7/11/2016	8/11/2016		22.7	3	7%	70%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46693-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	7/12/2016	8/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46742-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2016	8/11/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44982-1A	Madera	Certified Wood Insert	Gas Insert				TRUE	7/14/2016	8/11/2016		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
C-46019-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2016	8/11/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-43699-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2016	8/11/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45509-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2016	8/11/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46781-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	FALSE	7/22/2016	8/11/2016		29.5	6.8	54%	72%	2.61	100%	0%	0.0593	0.0102	0.0490
C-46696-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	7/25/2016	8/11/2016		29.5	3.8	54%	68%	2.1	54%	44%	0.0258	0.0029	0.0229
C-46363-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2016	8/11/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45105-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2016	8/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45023-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/19/2016	8/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42137-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	5/18/2016	8/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45276-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	6/16/2016	8/13/2016		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-46340-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	6/16/2016	8/13/2016		22.7	3.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-45360-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	6/21/2016	8/13/2016		29.5	3.8	54%	68%	2.09	24%	59%	0.0115	0.0016	0.0099
C-45771-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2016	8/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46148-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2016	8/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46021-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/28/2016	8/13/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-46279-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2016	8/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46131-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	6/28/2016	8/13/2016		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-46477-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2016	8/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45724-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2016	8/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46571-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2016	8/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45775-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2016	8/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45720-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2016	8/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45994-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	7/8/2016	8/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46672-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2016	8/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-43889-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/30/2016	8/15/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43901-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/4/2016	8/16/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-46785-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	7/21/2016	8/16/2016		29.5	8.4	54%	68%	1.15	100%	0%	0.0261	0.0059	0.0202
C-43380-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/15/2016	8/17/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45674-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2016	8/17/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46088-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	6/10/2016	8/17/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-46588-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	6/25/2016	8/17/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45195-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/4/2016	8/17/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46057-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	7/20/2016	8/17/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-46637-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2016	8/17/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-46572-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	7/28/2016	8/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46872-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2016	8/17/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46811-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2016	8/17/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43097-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2016	8/22/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-44315-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2016	8/22/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-45498-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2016	8/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45581-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2016	8/22/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45714-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	7/11/2016	8/22/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-46784-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2016	8/22/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-46967-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2016	8/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46883-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/1/2016	8/22/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-46553-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2016	8/22/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46933-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2016	8/22/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-38189-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/10/2016	8/26/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-46252-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/6/2016	8/26/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-46959-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/6/2016	8/26/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44049-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2016	8/26/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47094-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/20/2016	8/26/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45207-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2016	8/29/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46436-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/3/2016	8/29/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47093-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/13/2016	8/29/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-46812-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	8/15/2016	8/29/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-36052-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	8/18/2016	8/31/2016		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43617-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/19/2016	9/1/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-46433-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2016	9/1/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46479-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	6/28/2016	9/1/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-45907-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2016	9/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46966-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2016	9/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46152-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	8/5/2016	9/1/2016		29.5	7.2	54%	68%	2.61	33%	57%	0.0198	0.0047	0.0150
C-45713-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2016	9/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46968-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/5/2016	9/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46694-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	8/5/2016	9/1/2016		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-46544-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	8/8/2016	9/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47057-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/9/2016	9/1/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-46083-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2016	9/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-44462-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/18/2016	9/6/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-45991-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	6/20/2016	9/8/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-46858-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic	FALSE	7/21/2016	9/8/2016		29.5	6.8	54%	68%	2.1	100%	0%	0.0477	0.0087	0.0390
C-46934-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2016	9/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46521-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/2/2016	9/8/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-43763-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/4/2016	9/8/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45032-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/4/2016	9/8/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-46746-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2016	9/8/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-47095-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	8/9/2016	9/8/2016		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-47107-1A	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	8/11/2016	9/8/2016		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-46905-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2016	9/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47061-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2016	9/8/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46855-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	8/16/2016	9/8/2016		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
C-44473-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/16/2016	9/8/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47119-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/16/2016	9/8/2016		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-46776-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2016	9/8/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45786-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/19/2016	9/8/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-46929-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2016	9/8/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47092-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2016	9/8/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47148-1A	Tulare	Certified Wood Insert	Gas Insert				FALSE	8/19/2016	9/8/2016		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-47282-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	8/23/2016	9/8/2016		22.7	6.8	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47230-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2016	9/8/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-45671-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	8/9/2016	9/12/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46873-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2016	9/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47258-1A	Madera	Non-Certified Pellet Insert	Gas Insert				TRUE	8/15/2016	9/12/2016		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
C-47162-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2016	9/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47327-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2016	9/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47175-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/29/2016	9/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-45726-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2016	9/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47582-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2016	9/12/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46383-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	7/27/2016	9/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46852-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/28/2016	9/13/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-46777-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	8/4/2016	9/13/2016		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-46904-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	8/5/2016	9/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46601-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/5/2016	9/13/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-46691-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/9/2016	9/13/2016		22.7	7.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-47059-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2016	9/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46478-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2016	9/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47362-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2016	9/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46814-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.45		80 Catalytic	FALSE	8/19/2016	9/13/2016		29.5	0.9	54%	80%	2.09	100%	0%	0.0475	0.0010	0.0465
C-46932-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2016	9/13/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46813-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2		Non-Catalytic	TRUE	8/22/2016	9/13/2016		29.5	4	54%	68%	2.1	54%	44%	0.0258	0.0031	0.0227
C-47259-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	8/26/2016	9/13/2016		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-46520-1A	San Joaquin	Open Hearth Fireplace	Freestanding Gas Stove				FALSE	8/27/2016	9/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47315-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2016	9/13/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-37783-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2016	9/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46930-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2016	9/13/2016		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-46635-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		74 Non-Catalytic	TRUE	9/1/2016	9/13/2016		29.5	7.2	54%	74%	1.55	54%	44%	0.0191	0.0038	0.0153
C-45676-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2016	9/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46306-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2016	9/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45928-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/27/2016	9/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-46481-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	7/25/2016	9/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47060-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5		76 Non-Catalytic	TRUE	8/10/2016	9/20/2016		22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43769-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	TRUE	8/15/2016	9/20/2016		29.5	6.2	54%	68%	2.4	53%	43%	0.0291	0.0054	0.0237
C-47268-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1		75 Non-Catalytic	TRUE	8/17/2016	9/20/2016		29.5	4.2	54%	75%	2.61	33%	57%	0.0198	0.0025	0.0173
C-47097-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2016	9/20/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47196-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/26/2016	9/20/2016		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-45996-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/31/2016	9/20/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47147-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	9/2/2016	9/20/2016		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-47326-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/6/2016	9/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47047-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/8/2016	9/23/2016		22.7	5.2	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45787-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2016	9/24/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44154-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/8/2016	9/24/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-46132-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2016	9/24/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47176-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	FALSE	9/6/2016	9/24/2016		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-47231-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2016	9/26/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-46151-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	9/8/2016	9/26/2016		29.5	8.4	54%	68%	2.4	100%	0%	0.0545	0.0123	0.0422
C-43322-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/12/2016	9/26/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47470-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/26/2016	9/28/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47332-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/1/2016	9/28/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47063-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2016	10/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45589-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	8/31/2016	10/3/2016		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
C-47295-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2016	10/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46856-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2016	10/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47434-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	9/3/2016	10/3/2016		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47058-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2016	10/3/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-47438-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	9/9/2016	10/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47580-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2016	10/3/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46827-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2016	10/3/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-47660-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	9/12/2016	10/3/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47459-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/14/2016	10/3/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47642-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2016	10/3/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46741-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2016	10/4/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47462-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	8/24/2016	10/4/2016		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-46749-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2016	10/4/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47461-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/28/2016	10/4/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47296-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2016	10/4/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47179-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2016	10/4/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47266-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2016	10/4/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47578-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2016	10/4/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47644-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2016	10/4/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47419-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2016	10/4/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47532-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2016	10/4/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47782-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2016	10/4/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47021-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2016	10/4/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-46859-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/12/2016	10/4/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47361-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	9/19/2016	10/4/2016		29.5	6.8	54%	68%	2.61	33%	57%	0.0198	0.0045	0.0153
C-47785-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2016	10/4/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-46153-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/14/2016	10/5/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-46154-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	9/14/2016	10/5/2016		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
C-46381-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	9/14/2016	10/5/2016		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
C-47264-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/14/2016	10/5/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-47220-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2016	10/5/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47046-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	8/9/2016	10/6/2016		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-47745-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	9/12/2016	10/6/2016		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47650-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/24/2016	10/6/2016		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-36184-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	4.1		Non-Catalytic	FALSE	7/23/2016	10/11/2016		29.5	8.2	54%	68%	1.15	100%	0%	0.0261	0.0058	0.0204
C-47432-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	8/26/2016	10/11/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-46212-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2016	10/11/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-47581-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/1/2016	10/11/2016		29.5	4.2	54%	68%	2.1	24%	59%	0.0115	0.0018	0.0098
C-47917-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic	TRUE	10/3/2016	10/11/2016		22.7	3	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-44267-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2016	10/11/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42926-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2016	10/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-44500-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	5/23/2016	10/13/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47234-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	8/19/2016	10/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47298-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2016	10/13/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47254-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	9/1/2016	10/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47565-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2016	10/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45119-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/3/2016	10/13/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-45499-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2016	10/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47381-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2016	10/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47317-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	9/15/2016	10/13/2016		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-46598-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	9/16/2016	10/13/2016		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-47827-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2016	10/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47779-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2016	10/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43497-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	3.2	72	Non-Catalytic	TRUE	9/21/2016	10/13/2016		22.7	6.4	7%	72%	0.299465	31%	51%	0.0016	0.0001	0.0016
C-47830-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2016	10/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47645-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	9/22/2016	10/13/2016		29.5	7	54%	68%	2.09	24%	59%	0.0115	0.0029	0.0086
C-47826-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2016	10/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48027-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2016	10/13/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-45672-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	9/29/2016	10/13/2016		29.5	6.8	54%	68%	1.15	61%	38%	0.0159	0.0032	0.0127
C-47913-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.3	70	Non-Catalytic	FALSE	10/5/2016	10/13/2016		29.5	2.6	54%	70%	2.09	100%	0%	0.0475	0.0032	0.0442
C-43258-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	FALSE	2/20/2016	10/17/2016		22.7	6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-46633-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2016	10/17/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47160-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/16/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46853-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2016	10/17/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47407-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/26/2016	10/17/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-47238-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2016	10/17/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47641-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/26/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47953-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2016	10/17/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47474-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2016	10/17/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47926-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2016	10/17/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48021-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2016	10/17/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47888-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	9/28/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47018-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/29/2016	10/17/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-47945-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	9/29/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47096-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	9/30/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47786-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2016	10/17/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47890-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/30/2016	10/17/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48115-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2016	10/17/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47753-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/3/2016	10/17/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-47526-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/11/2016	10/17/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47946-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/11/2016	10/17/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45911-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/20/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47108-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/24/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47319-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	8/30/2016	10/24/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-46928-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/15/2016	10/24/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47333-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/16/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47821-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/16/2016	10/24/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-47335-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/19/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47740-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/26/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47825-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/26/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47120-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	9/27/2016	10/24/2016		29.5	7.8	54%	68%	1.55	54%	44%	0.0191	0.0045	0.0146
C-47869-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/28/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45728-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	9/29/2016	10/24/2016		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-47976-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/13/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48105-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/13/2016	10/24/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48074-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/18/2016	10/24/2016		22.7	4.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-41364-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/30/2016	10/25/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-47191-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/18/2016	10/25/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-45422-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2016	10/25/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-46617-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	74	Non-Catalytic	TRUE	9/22/2016	10/25/2016		29.5	4.6	54%	74%	2.4	53%	43%	0.0291	0.0037	0.0254
C-46882-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2016	10/25/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-40227-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/4/2016	10/27/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45549-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2016	10/27/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47805-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/11/2016	10/27/2016		29.5	4.2	54%	68%	2.1	33%	57%	0.0159	0.0022	0.0137
C-44991-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43973-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	5/16/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46234-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	6/22/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46695-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/26/2016	11/1/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-45814-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/5/2016	11/1/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45634-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2016	11/1/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-46555-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47293-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/7/2016	11/1/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47161-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/10/2016	11/1/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-47269-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	9/12/2016	11/1/2016		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
C-45458-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2016	11/1/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47045-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-47652-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47752-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	9/28/2016	11/1/2016		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-41112-1A	Merced	Open Hearth Fireplace	Gas Fireplace				FALSE	9/30/2016	11/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47460-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47237-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/2/2016	11/1/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-47891-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47915-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2016	11/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47751-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/3/2016	11/1/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-43966-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47323-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2016	11/1/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47924-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47174-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/5/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47338-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48216-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2016	11/1/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47657-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48152-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	10/6/2016	11/1/2016		22.7	6.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-46233-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	10/7/2016	11/1/2016		29.5	8.2	54%	68%	2.4	53%	43%	0.0291	0.0071	0.0219
C-47329-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/7/2016	11/1/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-47790-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	FALSE	10/7/2016	11/1/2016		22.7	6.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-48156-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic	TRUE	10/7/2016	11/1/2016		29.5	3.4	54%	72%	1.55	54%	44%	0.0191	0.0018	0.0172
C-47325-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	FALSE	10/10/2016	11/1/2016		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
C-47978-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/10/2016	11/1/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47615-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	10/11/2016	11/1/2016		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-43846-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	10/11/2016	11/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47756-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47874-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47889-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	10/12/2016	11/1/2016		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-48240-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/12/2016	11/1/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-47442-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	10/13/2016	11/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47867-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48020-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2016	11/1/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48259-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/14/2016	11/1/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48283-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic	TRUE	10/14/2016	11/1/2016		29.5	6.8	54%	68%	2.1	54%	44%	0.0258	0.0053	0.0206
C-48123-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/17/2016	11/1/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-46964-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2016	11/1/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48271-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2016	11/1/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47149-2B	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2016	11/1/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47883-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	10/22/2016	11/3/2016		29.5	3.8	54%	68%	1.55	100%	0%	0.0352	0.0036	0.0316
C-45815-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/10/2016	11/7/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-46357-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3		Catalytic	TRUE	6/21/2016	11/7/2016		22.7	4.6	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-45144-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	9/1/2016	11/7/2016		29.5	3.2	54%	68%	1.55	54%	44%	0.0191	0.0018	0.0172
C-47709-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/23/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48016-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/7/2016	11/7/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-48199-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/7/2016	11/7/2016		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-47003-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/10/2016	11/7/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-48117-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2016	11/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48075-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2016	11/7/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47339-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/12/2016	11/7/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-47788-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/12/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47934-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	10/13/2016	11/7/2016		29.5	6.4	54%	74%	2.4	53%	43%	0.0291	0.0051	0.0239
C-48202-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	10/13/2016	11/7/2016		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48209-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/13/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48326-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	10/15/2016	11/7/2016		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-47528-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/16/2016	11/7/2016		29.5	3	54%	76%	2.1	33%	57%	0.0159	0.0014	0.0145
C-47871-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/17/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47943-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2016	11/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47723-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2016	11/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48160-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2016	11/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48353-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/19/2016	11/7/2016		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-48504-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/19/2016	11/7/2016		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-48517-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2016	11/7/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47321-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/22/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48515-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/24/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48552-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/24/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48250-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/25/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45143-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	11/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48440-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/25/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-48155-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/28/2016	11/7/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48322-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2016	11/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47679-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic	TRUE	10/14/2016	11/8/2016		22.7	7.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-48214-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/19/2016	11/8/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48238-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/20/2016	11/8/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48383-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/20/2016	11/8/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47739-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/24/2016	11/8/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47364-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/27/2016	11/8/2016		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48420-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	10/27/2016	11/8/2016		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-46086-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/30/2016	11/14/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45927-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/31/2016	11/14/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-45159-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2016	11/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47472-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/12/2016	11/14/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47824-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/20/2016	11/14/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47530-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/22/2016	11/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47658-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3		Non-Catalytic	FALSE	9/26/2016	11/14/2016		29.5	6	54%	68%	2.1	100%	0%	0.0477	0.0077	0.0400
C-47457-1A	Stanislaus	Certified Wood Insert	Gas Insert				FALSE	9/27/2016	11/14/2016		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-45441-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	9/28/2016	11/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47820-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2016	11/14/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47098-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	10/9/2016	11/14/2016		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-39912-2B	Merced	Open Hearth Fireplace	Gas Insert				FALSE	10/11/2016	11/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47717-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2016	11/14/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47944-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2016	11/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-47939-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2016	11/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-46673-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2016	11/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48419-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	10/19/2016	11/14/2016		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-47783-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2016	11/14/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48258-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/20/2016	11/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48260-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/20/2016	11/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48068-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/20/2016	11/14/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48170-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/22/2016	11/14/2016		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-48442-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2016	11/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47965-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2016	11/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47832-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	11/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48349-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/26/2016	11/14/2016		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-48414-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	10/27/2016	11/14/2016		22.7	3.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48723-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2016	11/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48285-1A	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/19/2016	11/16/2016		29.5	3	54%	76%	2.1	53%	43%	0.0254	0.0020	0.0234
C-48428-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	11/16/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48198-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	10/18/2016	11/17/2016		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45471-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/18/2016	11/18/2016		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-47426-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/6/2016	11/18/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47443-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2016	11/18/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48513-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	11/8/2016	11/18/2016		29.5	2.2	54%	68%	2.4	53%	43%	0.0291	0.0019	0.0272
C-47256-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/2/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47257-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/2/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42139-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2016	11/22/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46961-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	10/18/2016	11/22/2016		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
C-47755-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/26/2016	11/22/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-48512-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/31/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47966-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/1/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47982-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	11/2/2016	11/22/2016		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-48350-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/2/2016	11/22/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-48511-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/3/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48217-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/7/2016	11/22/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48872-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/7/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47914-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/9/2016	11/22/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48983-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2016	11/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48024-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/11/2016	11/22/2016		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-48627-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/12/2016	11/22/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47861-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/14/2016	11/22/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-45899-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	11/15/2016	11/22/2016		29.5	6.8	54%	68%	2.61	33%	57%	0.0198	0.0045	0.0153
C-49226-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/17/2016	11/22/2016		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-45295-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	5/16/2016	11/28/2016		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-47872-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/16/2016	11/28/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-47922-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	11/18/2016	11/28/2016		22.7	3.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48215-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/13/2016	12/5/2016		22.7	5.2	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-46570-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	10/20/2016	12/5/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47297-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2016	12/5/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47948-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/24/2016	12/5/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48500-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/31/2016	12/5/2016		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48436-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2016	12/5/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48204-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/3/2016	12/5/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48618-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/3/2016	12/5/2016		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-48733-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	11/3/2016	12/5/2016		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-48803-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/4/2016	12/5/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47940-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2016	12/5/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47950-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	11/8/2016	12/5/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-42079-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.4		Non-Catalytic	TRUE	11/10/2016	12/5/2016		29.5	8.8	54%	68%	1.15	61%	38%	0.0159	0.0041	0.0118
C-48802-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/10/2016	12/5/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-43615-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/4/2016	12/6/2016		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-47023-1A	Merced	Freestanding Non-Certified Pellet Stove	Gas Fireplace				FALSE	8/17/2016	12/6/2016		2.9	0	68%	68%	2.67	100%	0%	0.0060	0.0000	0.0060
C-47262-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	FALSE	9/10/2016	12/6/2016		29.5	5.4	54%	68%	2.1	100%	0%	0.0477	0.0069	0.0408
C-47780-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	9/22/2016	12/6/2016		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-47963-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2016	12/6/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48076-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2016	12/6/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48124-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47336-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		Catalytic	FALSE	10/13/2016	12/6/2016		29.5	4.6	54%	68%	2.61	100%	0%	0.0593	0.0073	0.0519
C-47471-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/18/2016	12/6/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47952-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	10/19/2016	12/6/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48248-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48278-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2016	12/6/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48318-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	10/20/2016	12/6/2016		22.7	9	7%	71%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-44993-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	10/21/2016	12/6/2016		22.7	3.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-48422-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	10/21/2016	12/6/2016		29.5	3.6	54%	68%	2.61	100%	0%	0.0593	0.0057	0.0535
C-48026-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47970-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48110-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48175-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	12/6/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48441-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/26/2016	12/6/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-48023-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	10/27/2016	12/6/2016		29.5	2	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107
C-46361-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/27/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-41755-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.9		Non-Catalytic	TRUE	10/28/2016	12/6/2016		29.5	7.8	54%	68%	1.55	54%	44%	0.0191	0.0045	0.0146
C-47261-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	10/28/2016	12/6/2016		22.7	2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45937-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2016	12/6/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47949-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	10/29/2016	12/6/2016		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-45729-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/29/2016	12/6/2016		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-47937-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47232-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48088-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2016	12/6/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48289-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2016	12/6/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47851-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	12/6/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43794-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2016	12/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-41929-1A	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.3		Non-Catalytic	FALSE	3/24/2016	12/7/2016		29.5	6.6	54%	68%	2.09	100%	0%	0.0475	0.0084	0.0390
C-47324-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	8/30/2016	12/7/2016		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-46745-1A	San Joaquin	Freestanding Certified Wood Stove	Gas Insert				FALSE	9/23/2016	12/7/2016		14.5785	0	68%	68%	1.15	100%	0%	0.0129	0.0000	0.0129
C-47706-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2016	12/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47840-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/7/2016	12/7/2016		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-48212-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	10/13/2016	12/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48022-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	10/17/2016	12/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48363-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/18/2016	12/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48257-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2016	12/7/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47707-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	10/20/2016	12/7/2016		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-48533-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48495-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48630-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	12/7/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48468-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2016	12/7/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48272-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2016	12/7/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48636-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48754-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47868-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	11/4/2016	12/7/2016		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
C-48602-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/5/2016	12/7/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48631-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	11/7/2016	12/7/2016		29.5	8.4	54%	68%	2.09	100%	0%	0.0475	0.0107	0.0367
C-48801-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48866-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	12/7/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48920-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48703-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/10/2016	12/7/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48949-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	12/7/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46965-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	8/31/2016	12/12/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-48246-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2016	12/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48390-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	10/14/2016	12/12/2016		22.7	1.16	7%	80%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-47884-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	12/12/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47640-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.4		Non-Catalytic	FALSE	10/25/2016	12/12/2016		29.5	4.8	54%	68%	2.1	100%	0%	0.0477	0.0062	0.0415
C-48560-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/31/2016	12/12/2016		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-48726-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	12/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48732-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/3/2016	12/12/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-48169-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/5/2016	12/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48634-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/5/2016	12/12/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48901-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	12/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48864-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	11/8/2016	12/12/2016		29.5	7	54%	68%	2.61	100%	0%	0.0593	0.0112	0.0481
C-42753-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	12/12/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48773-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2016	12/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48956-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	11/9/2016	12/12/2016		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-47444-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	11/10/2016	12/12/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48122-1A	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	FALSE	11/11/2016	12/12/2016		29.5	3	54%	70%	2.1	100%	0%	0.0477	0.0037	0.0440
C-48637-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	11/11/2016	12/12/2016		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48708-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	11/12/2016	12/12/2016		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-47291-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2016	12/12/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43527-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/22/2016	12/13/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-48200-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	12/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48776-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2016	12/13/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48415-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2016	12/13/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47255-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2016	12/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47458-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2016	12/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48706-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	12/14/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47048-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	11/3/2016	12/14/2016		29.5	3.2	54%	68%	1.57	31%	51%	0.0110	0.0012	0.0098
C-47708-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1	74	Non-Catalytic	TRUE	11/8/2016	12/14/2016		29.5	8.2	54%	74%	2.09	24%	59%	0.0115	0.0031	0.0083
C-48418-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/10/2016	12/14/2016		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-48591-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/10/2016	12/14/2016		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
C-48592-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/10/2016	12/14/2016		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
C-48774-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48961-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/10/2016	12/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48494-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/11/2016	12/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48638-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2016	12/14/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48707-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	11/11/2016	12/14/2016		29.5	3.6	54%	68%	2.1	54%	44%	0.0258	0.0028	0.0230
C-49040-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/12/2016	12/14/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48745-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48870-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	12/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48982-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	12/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47787-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	11/16/2016	12/14/2016		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-48696-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/16/2016	12/14/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49281-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48632-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48642-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48858-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/17/2016	12/14/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49049-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	12/14/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48827-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48859-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/18/2016	12/14/2016		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-49051-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/14/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48506-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	TRUE	11/19/2016	12/14/2016		22.7	5.4	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48493-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/21/2016	12/14/2016		22.7	3	7%	76%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48725-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/21/2016	12/14/2016		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-48980-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2016	12/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49261-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2016	12/14/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49002-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	12/14/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49149-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	12/14/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49364-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	12/14/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-44318-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/9/2016	12/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47979-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/5/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48288-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.1	68	Non-Catalytic	FALSE	10/14/2016	12/15/2016		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-48011-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/25/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48069-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	10/26/2016	12/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48749-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/27/2016	12/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-48752-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/1/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48635-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	12/15/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48792-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/2/2016	12/15/2016		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48697-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	11/2/2016	12/15/2016		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48224-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/7/2016	12/15/2016		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-48320-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/7/2016	12/15/2016		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-48321-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	11/8/2016	12/15/2016		29.5	7.2	54%	68%	2.61	33%	57%	0.0198	0.0047	0.0150
C-48590-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/8/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48824-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/8/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48986-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	12/15/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48927-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	11/9/2016	12/15/2016		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-48962-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/11/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48535-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/13/2016	12/15/2016		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48559-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2016	12/15/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48019-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/14/2016	12/15/2016		22.7	3	7%	76%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48316-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2016	12/15/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48916-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/14/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48964-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/14/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47975-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/15/2016	12/15/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47941-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/17/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47178-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	11/17/2016	12/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49228-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/18/2016	12/15/2016		22.7	4.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-49227-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2016	12/15/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48728-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	11/21/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-48813-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/21/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49020-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/22/2016	12/15/2016		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-48933-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/23/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48871-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2016	12/15/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49259-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/25/2016	12/15/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49203-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	11/28/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49334-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/28/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49053-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	11/29/2016	12/15/2016		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48153-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	12/15/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49321-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/30/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49461-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/5/2016	12/15/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47041-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/18/2016	12/16/2016		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-47653-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2016	12/16/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48360-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/25/2016	12/16/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48534-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2016	12/16/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-45875-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	9/7/2016	12/19/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48623-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2016	12/19/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48582-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47927-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/4/2016	12/19/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48588-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/7/2016	12/19/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47887-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2016	12/19/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48597-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	12/19/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47564-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/19/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48430-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/19/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48193-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/23/2016	12/19/2016		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-48700-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/23/2016	12/19/2016		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-49013-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	12/19/2016		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49278-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	TRUE	11/29/2016	12/19/2016		29.5	8.8	54%	68%	2.1	54%	44%	0.0258	0.0068	0.0190
C-48205-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	12/19/2016		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49163-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49177-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48194-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	12/2/2016	12/19/2016		29.5	6.4	54%	74%	2.4	53%	43%	0.0291	0.0051	0.0239
C-48923-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	12/19/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49314-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49564-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	12/19/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49101-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/3/2016	12/19/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49727-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48922-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2016	12/19/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49188-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2016	12/19/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48625-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	10/28/2016	12/20/2016		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-48502-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2016	12/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48496-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	11/1/2016	12/20/2016		29.5	8.4	54%	68%	2.4	100%	0%	0.0545	0.0123	0.0422
C-48900-1A	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	11/2/2016	12/20/2016		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
C-48720-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/4/2016	12/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48014-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	12/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48329-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/7/2016	12/20/2016		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48580-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	12/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47020-2B	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	12/20/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47973-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2016	12/20/2016		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-47267-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	11/17/2016	12/20/2016		29.5	7.8	54%	68%	2.61	33%	57%	0.0198	0.0051	0.0146
C-49285-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/20/2016		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49133-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/29/2016	12/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49251-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/29/2016	12/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48698-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49050-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49474-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49148-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49283-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/3/2016	12/20/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49505-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49600-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/6/2016	12/20/2016		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49818-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/8/2016	12/20/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49166-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/9/2016	12/20/2016		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-49170-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2016	12/20/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48447-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	11/3/2016	12/21/2016		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-47860-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	10/7/2016	12/29/2016		22.7	3.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47716-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	11/2/2016	12/29/2016		22.7	1.16	7%	80%	0.299465	33%	57%	0.0017	0.0000	0.0017

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-48873-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/7/2016	12/29/2016		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-48647-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	12/29/2016		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48195-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		Non-Catalytic	TRUE	11/17/2016	12/29/2016		29.5	4	54%	68%	1.15	61%	38%	0.0159	0.0019	0.0140
C-49187-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2016	12/29/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48507-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/22/2016	12/29/2016		22.7	3	7%	76%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49250-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/22/2016	12/29/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49393-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/30/2016	12/29/2016		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49665-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/6/2016	12/29/2016		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49888-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/9/2016	12/29/2016		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-49394-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2016	12/29/2016		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49248-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	12/29/2016		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49661-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/5/2016	1/4/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49391-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/7/2016	1/4/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49896-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/9/2016	1/4/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49786-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	1/4/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49750-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/13/2016	1/4/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49894-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/14/2016	1/4/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49712-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	1/4/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43151-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/12/2016	1/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48579-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		Non-Catalytic	TRUE	10/28/2016	1/5/2017		22.7	4.6	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48256-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	11/8/2016	1/5/2017		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48087-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/10/2016	1/5/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48107-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/10/2016	1/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48914-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2016	1/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48860-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	1/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48362-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	0.58	80	Catalytic	TRUE	11/16/2016	1/5/2017		29.5	1.16	54%	80%	2.1	54%	44%	0.0258	0.0008	0.0251
C-48381-1A	San Joaquin	Certified Wood Insert	Gas Insert				FALSE	11/25/2016	1/5/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-48121-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5		Non-Catalytic	FALSE	11/29/2016	1/5/2017		22.7	9	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-49246-1A	Madera	Non-Certified Pellet Insert	Gas Insert				TRUE	11/18/2016	1/9/2017		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
C-49126-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/1/2016	1/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49144-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2016	1/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47617-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2016	1/17/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47337-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/20/2016	1/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48947-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/29/2016	1/17/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-49471-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/14/2016	1/17/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-49643-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/15/2016	1/17/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49468-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/21/2016	1/17/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50172-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/22/2016	1/17/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-49426-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	1/17/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49559-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert					12/27/2016	1/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49826-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/27/2016	1/17/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50205-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/27/2016	1/17/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49229-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/29/2016	1/17/2017		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-49667-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2016	1/17/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50078-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/1/2017	1/17/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48393-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	12/7/2016	1/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47829-2B	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/6/2017	1/23/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-43853-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	5/10/2016	1/24/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47781-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46634-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/23/2016	1/24/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-47964-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48161-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48109-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2016	1/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48158-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48280-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/21/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48031-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/27/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48498-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	10/28/2016	1/24/2017		29.5	3.6	54%	68%	2.4	100%	0%	0.0545	0.0053	0.0492
C-47715-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2016	1/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47651-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2016	1/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48782-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48314-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	1/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48777-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	11/7/2016	1/24/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48806-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	1/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48753-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/15/2016	1/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-41958-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/16/2016	1/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49182-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48912-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	11/17/2016	1/24/2017		22.7	1.16	7%	80%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48952-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	11/21/2016	1/24/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-48957-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	1/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49035-1A	Merced	Non-Certified Pellet Insert	Gas Fireplace				TRUE	11/22/2016	1/24/2017		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
C-48788-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/23/2016	1/24/2017		22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49252-1A	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	11/23/2016	1/24/2017		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
C-49186-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49006-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49360-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49435-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49440-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2016	1/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49238-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	1/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49127-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/1/2016	1/24/2017		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-44091-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2016	1/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49623-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49631-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48561-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/9/2016	1/24/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48919-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49168-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	1/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49748-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48904-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	12/10/2016	1/24/2017		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
C-49730-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	12/10/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49147-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/14/2016	1/24/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-49647-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-49659-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/15/2016	1/24/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50025-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49924-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	1/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49206-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2016	1/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49745-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49977-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/28/2016	1/24/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50115-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49618-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2016	1/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50270-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/3/2017	1/24/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-49286-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/5/2017	1/24/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50151-1A	Tulare	Wood-burning firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/6/2017	1/24/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48620-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/10/2017	1/24/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50177-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	1/10/2017	1/24/2017		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-45912-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/20/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-45951-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/30/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47294-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/1/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47322-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2016	1/25/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47613-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	FALSE	10/4/2016	1/25/2017		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-47643-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/14/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48434-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	10/20/2016	1/25/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-48391-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	10/26/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48505-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	11/1/2016	1/25/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-48585-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	1/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48593-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48358-1A	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/4/2016	1/25/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-48790-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2016	1/25/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47655-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/7/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47778-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5	73	Non-Catalytic	FALSE	11/8/2016	1/25/2017		29.5	7	54%	73%	1.55	100%	0%	0.0352	0.0062	0.0290
C-48705-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	1/25/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48352-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/9/2016	1/25/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47758-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1	74	Non-Catalytic	TRUE	11/10/2016	1/25/2017		29.5	8.2	54%	74%	2.61	33%	57%	0.0198	0.0050	0.0148
C-49046-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/14/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48499-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2016	1/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48730-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	1/25/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47870-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/22/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49047-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2016	1/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49258-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/29/2016	1/25/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-49164-1A	San Joaquin	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	11/30/2016	1/25/2017		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
C-49441-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2016	1/25/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49412-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/1/2016	1/25/2017		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-48104-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/2/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48855-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/3/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49395-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/3/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48624-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/5/2016	1/25/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-49620-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/7/2016	1/25/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-48562-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/9/2016	1/25/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-49542-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/10/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49540-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	1/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49959-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/12/2016	1/25/2017		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-48955-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	1/25/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49738-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	1/25/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48921-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/16/2016	1/25/2017		29.5	8.4	54%	68%	2.1	48%	48%	0.0227	0.0058	0.0168
C-50099-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	12/20/2016	1/25/2017		22.7	3.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49512-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/27/2016	1/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49694-2B	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/27/2016	1/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49779-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	12/27/2016	1/25/2017		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47139-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/28/2016	1/25/2017		22.7	8.4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-44470-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/29/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50057-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/29/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-41923-2B	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/30/2016	1/25/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-49909-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/30/2016	1/25/2017		22.7	7	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47436-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/1/2016	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47118-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/4/2016	2/1/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-48284-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	2/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43801-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2016	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-41158-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2016	2/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48413-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	11/4/2016	2/1/2017		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47886-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	2/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48977-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2016	2/1/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49430-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/2/2016	2/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49303-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	12/2/2016	2/1/2017		22.7	3.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-43645-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49459-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49411-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	2/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49509-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/16/2016	2/1/2017		22.7	8.4	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-49831-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/17/2016	2/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49819-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48785-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/20/2016	2/1/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-49021-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	12/21/2016	2/1/2017		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-50201-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	2/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50055-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/23/2016	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49930-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	12/27/2016	2/1/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48287-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/1/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49603-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/29/2016	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50176-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	2/1/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-49781-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	12/31/2016	2/1/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50460-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2017	2/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50634-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2017	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50512-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	1/8/2017	2/1/2017		22.7	3.6	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49895-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/9/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-49122-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2017	2/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50254-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/9/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49567-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	1/10/2017	2/1/2017		29.5	3.8	54%	68%	2.1	68%	32%	0.0322	0.0035	0.0287
C-50105-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/11/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50735-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/11/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50267-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/12/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50741-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/12/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50704-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	2/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50182-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	1/14/2017	2/1/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-50771-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/14/2017	2/1/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44923-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	1/16/2017	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50215-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	2/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50703-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/20/2017	2/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-44171-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/14/2016	2/2/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49225-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2016	2/2/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47938-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47852-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/21/2016	2/6/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47727-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	10/25/2016	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48263-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	TRUE	10/25/2016	2/6/2017		29.5	5.4	54%	68%	2.1	61%	38%	0.0290	0.0046	0.0244
C-48188-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/4/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48701-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2016	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48070-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43339-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	11/10/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49129-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/14/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48861-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/14/2016	2/6/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-48775-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/15/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49017-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/18/2016	2/6/2017		29.5	7	54%	68%	2.1	68%	32%	0.0322	0.0065	0.0257
C-48558-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/21/2016	2/6/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-49001-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/23/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48508-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49036-1A	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	11/28/2016	2/6/2017		14.5785	0	68%	68%	1.15	61%	38%	0.0079	0.0000	0.0079
C-49310-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48724-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/2/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49161-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/4/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49279-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49736-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49247-1A	Merced	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/6/2016	2/6/2017		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-49742-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49829-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48417-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48439-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48829-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49387-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/9/2016	2/6/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-49445-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49548-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49773-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47882-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	12/12/2016	2/6/2017		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-49460-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	2/6/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49706-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/12/2016	2/6/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49539-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	12/13/2016	2/6/2017		22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48191-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49439-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/13/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49566-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	2/6/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49914-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49918-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49713-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49737-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/16/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49764-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49446-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/17/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49886-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	2/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49644-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.66	76	Non-Catalytic	TRUE	12/18/2016	2/6/2017		22.7	1.32	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49009-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49703-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	12/19/2016	2/6/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49366-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49476-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2017	2/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50104-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	1/23/2017	2/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50748-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/25/2017	2/6/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50975-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/26/2017	2/6/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48361-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/5/2016	2/7/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-49022-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2016	2/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49622-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/8/2016	2/7/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-49193-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49205-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	12/12/2016	2/7/2017		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-50035-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1	70	Non-Catalytic	TRUE	1/4/2017	2/7/2017		22.7	2.2	7%	70%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49414-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	FALSE	1/16/2017	2/7/2017		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49626-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	2/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50288-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/18/2017	2/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50739-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/26/2017	2/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50141-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.5		Non-Catalytic	FALSE	1/27/2017	2/7/2017		22.7	5	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49741-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	2/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50745-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/27/2017	2/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51027-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/27/2017	2/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51151-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/27/2017	2/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50772-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2017	2/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48443-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/27/2016	2/8/2017		22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-46649-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2016	2/9/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48262-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/12/2016	2/9/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-48926-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/18/2016	2/9/2017		22.7	7	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-49292-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/25/2016	2/9/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49336-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/29/2016	2/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-49189-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2016	2/9/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50053-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	12/26/2016	2/9/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-50489-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	1/14/2017	2/9/2017		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-48501-1A	Madera	Non-Certified Wood Insert	Gas Insert					10/25/2016	2/10/2017		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-47981-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2016	2/10/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-47318-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/31/2016	2/10/2017		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-47531-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2016	2/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48503-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	11/2/2016	2/10/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-48633-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2016	2/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48071-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	11/7/2016	2/10/2017		22.7	2.6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47918-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	2/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48575-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2016	2/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48594-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	2/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48596-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	2/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48702-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	2/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48779-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/9/2016	2/10/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48794-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/13/2016	2/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49057-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/14/2016	2/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48808-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2016	2/10/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48640-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/16/2016	2/10/2017		22.7	5.2	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48595-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	FALSE	11/21/2016	2/10/2017		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-48828-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2016	2/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49139-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	2/10/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49525-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	2/10/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49470-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/30/2016	2/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48748-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/2/2016	2/10/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-49689-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2016	2/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49455-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/5/2016	2/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49357-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	12/14/2016	2/10/2017		29.5	7.2	54%	68%	2.1	54%	44%	0.0258	0.0056	0.0203
C-50103-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic	TRUE	12/18/2016	2/10/2017		29.5	1.96	54%	76%	2.1	24%	59%	0.0115	0.0007	0.0108
C-48435-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2016	2/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49128-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/14/2016	2/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48601-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/17/2016	2/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49179-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49019-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/20/2016	2/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48954-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48974-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/21/2016	2/13/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-48416-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	11/23/2016	2/13/2017		29.5	3.8	54%	68%	2.1	68%	32%	0.0322	0.0035	0.0287
C-49362-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2016	2/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49311-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2016	2/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49244-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	2/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49008-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49253-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	2/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49150-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2016	2/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48963-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49731-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49704-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	12/10/2016	2/13/2017		29.5	3.2	54%	68%	2.09	24%	59%	0.0115	0.0013	0.0101
C-49312-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	2/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49327-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/12/2016	2/13/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-49473-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/12/2016	2/13/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49830-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	2/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49444-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48106-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49289-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	2/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49344-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	12/16/2016	2/13/2017		29.5	3	54%	76%	2.1	61%	38%	0.0290	0.0023	0.0267
C-48810-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/16/2016	2/13/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49434-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49981-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49555-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	2/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49753-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49823-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49995-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	12/19/2016	2/13/2017		29.5	7.2	54%	68%	2.1	54%	44%	0.0258	0.0056	0.0203
C-49549-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/20/2016	2/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49980-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	2/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49815-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	2/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50073-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/22/2016	2/13/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-50072-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2016	2/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50246-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50202-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47873-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				FALSE	11/1/2016	2/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48598-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.4	73	Non-Catalytic	TRUE	11/11/2016	2/14/2017		29.5	8.8	54%	73%	2.1	54%	44%	0.0258	0.0064	0.0195
C-49413-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2016	2/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48959-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	12/5/2016	2/14/2017		29.5	2.2	54%	68%	1.55	54%	44%	0.0191	0.0013	0.0178
C-49531-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	12/8/2016	2/14/2017		29.5	9	54%	71%	2.1	53%	43%	0.0254	0.0066	0.0189
C-48639-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/14/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48965-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/14/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49347-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49534-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/12/2016	2/14/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-49565-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49822-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/16/2016	2/14/2017		22.7	2.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48196-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2016	2/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46150-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	12/20/2016	2/14/2017		22.7	2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48951-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	12/20/2016	2/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49016-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49479-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49134-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	12/21/2016	2/14/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49462-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49820-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49881-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/22/2016	2/14/2017		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49707-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/23/2016	2/14/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-50101-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2016	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49811-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49912-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/28/2016	2/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50038-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50063-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49934-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/29/2016	2/14/2017		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-50218-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/29/2016	2/14/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50521-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2017	2/14/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48799-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2017	2/14/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50142-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	1/11/2017	2/14/2017		29.5	3.6	54%	68%	1.15	61%	38%	0.0159	0.0017	0.0142
C-49513-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	2.7		Non-Catalytic	TRUE	1/12/2017	2/14/2017		22.7	5.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-49932-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/13/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50066-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/16/2017	2/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50170-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/18/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49132-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	1/19/2017	2/14/2017		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
C-49969-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/20/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50731-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/23/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50399-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/24/2017	2/14/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-50974-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/24/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51164-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	1/25/2017	2/14/2017		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-49971-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	1/26/2017	2/14/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-49612-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50383-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49925-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/27/2017	2/14/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-50106-2B	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	2/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49664-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50188-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/31/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50513-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/31/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-51287-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/31/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50212-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	2/1/2017	2/14/2017		29.5	3.8	54%	68%	2.1	68%	32%	0.0322	0.0035	0.0287
C-50757-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51210-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/1/2017	2/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51215-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/1/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-50247-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/2/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50069-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2017	2/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49399-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	2/3/2017	2/14/2017		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
C-50060-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/3/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-51425-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/3/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51426-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/4/2017	2/14/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47921-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	10/20/2016	2/15/2017		29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
C-44945-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2016	2/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48622-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/30/2016	2/15/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-48772-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	12/4/2016	2/15/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-49390-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	12/5/2016	2/15/2017		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
C-49280-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2016	2/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48621-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	12/7/2016	2/15/2017		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
C-49674-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48795-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	FALSE	12/9/2016	2/15/2017		29.5	7.8	54%	68%	2.1	100%	0%	0.0477	0.0100	0.0377
C-49447-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/12/2016	2/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48950-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	2/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48868-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/14/2016	2/15/2017		29.5	7	54%	68%	2.1	33%	57%	0.0159	0.0037	0.0122
C-49788-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	2/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49010-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	12/15/2016	2/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49739-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48649-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49632-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49882-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49725-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	2/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49827-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49913-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/19/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50017-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50074-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2016	2/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49911-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50224-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/20/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50226-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50027-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	12/20/2016	2/15/2017		22.7	9	7%	75%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-49432-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	12/21/2016	2/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49530-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49893-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	12/21/2016	2/15/2017		29.5	3.8	54%	68%	2.61	33%	57%	0.0198	0.0025	0.0173
C-49783-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/21/2016	2/15/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-50108-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	2/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-43575-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	2/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49915-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	12/22/2016	2/15/2017		29.5	7	54%	68%	1.57	100%	0%	0.0357	0.0067	0.0289
C-48979-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	2/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49630-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	2/15/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50243-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	2/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50028-1A	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/22/2016	2/15/2017		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-49409-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/23/2016	2/15/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-49979-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/23/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50316-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2016	2/15/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50024-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50382-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49900-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49922-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50143-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50364-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48331-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/28/2016	2/15/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-49758-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/28/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49953-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/28/2016	2/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50213-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	2/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-46992-1A	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	9/8/2016	2/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48386-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	10/27/2016	2/21/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-48510-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2016	2/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-48433-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/7/2016	2/21/2017		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-49034-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2016	2/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48857-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	12/9/2016	2/21/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-49416-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	2/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49710-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/9/2016	2/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49604-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1	70	Non-Catalytic	FALSE	12/15/2016	2/21/2017		29.5	2.2	54%	70%	2.1	100%	0%	0.0477	0.0027	0.0450
C-48577-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48911-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/21/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-49508-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49675-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2016	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49324-1A	Merced	Certified Wood Insert	Gas Insert				FALSE	12/20/2016	2/21/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-50312-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.4		Non-Catalytic	TRUE	12/20/2016	2/21/2017		22.7	2.8	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49775-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/21/2016	2/21/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-49785-1A	San Joaquin	Wood-burning firebox	Certified Wood Insert	4	74	Non-Catalytic	TRUE	12/21/2016	2/21/2017		22.7	8	7%	74%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-49672-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/23/2016	2/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48628-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50366-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/27/2016	2/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50029-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49648-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	2/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50096-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/29/2016	2/21/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-50275-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50113-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	12/29/2016	2/21/2017		29.5	6.4	54%	74%	2.09	24%	59%	0.0115	0.0024	0.0090
C-49998-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/2/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49833-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2017	2/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50520-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2017	2/21/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49465-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/4/2017	2/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49752-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/4/2017	2/21/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-50156-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/4/2017	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49972-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50039-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/5/2017	2/21/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50075-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50077-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2017	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49322-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/6/2017	2/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49705-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/6/2017	2/21/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49765-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50310-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	1/6/2017	2/21/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-49562-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/7/2017	2/21/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50359-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2017	2/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49561-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2017	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49898-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2017	2/21/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50158-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2017	2/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50793-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2017	2/21/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50555-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2017	2/21/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50702-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2017	2/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50490-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	FALSE	1/17/2017	2/21/2017		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-50223-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50525-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	2/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50291-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50483-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	1/19/2017	2/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50706-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	2/21/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50686-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.66		Non-Catalytic	FALSE	1/22/2017	2/21/2017		22.7	1.32	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50861-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50773-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/6/2017	2/21/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50528-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/7/2017	2/21/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51077-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	FALSE	2/7/2017	2/21/2017		29.5	4.2	54%	68%	2.4	100%	0%	0.0545	0.0062	0.0484
C-51468-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/8/2017	2/21/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51474-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/8/2017	2/21/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50098-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/9/2017	2/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51661-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/11/2017	2/21/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51520-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/13/2017	2/21/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-47771-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	9/20/2016	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48226-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	10/29/2016	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48421-2B	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2016	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49143-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48985-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/21/2016	2/23/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48999-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49124-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49245-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2016	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49175-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/29/2016	2/23/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-49466-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49502-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	12/2/2016	2/23/2017		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
C-49169-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2016	2/23/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49242-1A	Merced	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	12/6/2016	2/23/2017		14.5785	0	68%	68%	2.67	100%	0%	0.0300	0.0000	0.0300
C-49191-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/6/2016	2/23/2017		29.5	8.2	54%	68%	2.1	33%	57%	0.0159	0.0043	0.0116
C-49055-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	12/7/2016	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47804-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/9/2016	2/23/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-49335-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/10/2016	2/23/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-47968-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	FALSE	12/14/2016	2/23/2017		29.5	4.2	54%	68%	2.4	100%	0%	0.0545	0.0062	0.0484
C-49619-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49436-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/14/2016	2/23/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49721-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48359-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49627-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/17/2016	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50278-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	2/23/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49722-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49777-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49597-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-50333-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49825-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	12/31/2016	2/23/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49946-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49032-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2017	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50114-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48159-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2017	2/23/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48247-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/6/2017	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50031-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/6/2017	2/23/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-50229-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2017	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50485-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5		76 Non-Catalytic	TRUE	1/6/2017	2/23/2017		22.7	3	7%	76%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49389-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/9/2017	2/23/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-49669-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50334-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2017	2/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50527-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2017	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50368-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2017	2/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50608-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2017	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50679-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49718-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2017	2/23/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49978-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/14/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50198-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2017	2/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50676-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2017	2/23/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50626-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2017	2/23/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-49037-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	1/20/2017	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50381-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/24/2017	2/23/2017		29.5	8.4	54%	68%	2.1	24%	59%	0.0115	0.0035	0.0080
C-50684-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51085-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/1/2017	2/23/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50499-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	2/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50967-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/11/2017	2/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49740-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2017	2/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49096-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/5/2016	3/1/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48197-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/11/2016	3/1/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-47273-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2016	3/1/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48797-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/1/2016	3/1/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-48311-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5		75 Non-Catalytic	TRUE	11/9/2016	3/1/2017		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-47654-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/14/2016	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-44805-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/21/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49136-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	3/1/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-48787-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2016	3/1/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-48804-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	12/2/2016	3/1/2017		22.7	6.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48778-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/5/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49477-1A	San Joaquin	Certified Pellet Insert	Gas Fireplace				TRUE	12/5/2016	3/1/2017		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-48090-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	3/1/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49457-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43618-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/8/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49180-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/10/2016	3/1/2017		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-49556-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2016	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49958-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2016	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48464-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49692-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49608-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	FALSE	12/12/2016	3/1/2017		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
C-49558-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	3/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48826-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49885-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49982-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49018-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		72 Non-Catalytic	TRUE	12/16/2016	3/1/2017		22.7	8.2	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-49728-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50209-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49879-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49916-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/19/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50052-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/19/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48497-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.4		Non-Catalytic	TRUE	12/20/2016	3/1/2017		29.5	4.8	54%	68%	1.57	31%	51%	0.0110	0.0017	0.0092
C-48917-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	3/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-48943-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49578-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/21/2016	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49919-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49716-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	12/23/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50107-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/23/2016	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49991-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	2		Non-Catalytic	TRUE	12/27/2016	3/1/2017		29.5	4	54%	68%	2.1	61%	38%	0.0290	0.0034	0.0256
C-50242-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50315-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49957-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/30/2016	3/1/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-49688-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2016	3/1/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50109-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/2/2017	3/1/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48899-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/3/2017	3/1/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50633-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	1/3/2017	3/1/2017		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-49652-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2017	3/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49719-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/7/2017	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49933-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2017	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50385-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	1/10/2017	3/1/2017		29.5	3.8	54%	68%	2.09	24%	59%	0.0115	0.0016	0.0099
C-49192-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/11/2017	3/1/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-49994-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2017	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49662-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/13/2017	3/1/2017		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-50697-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5		76 Non-Catalytic	FALSE	1/13/2017	3/1/2017		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-50337-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	1/16/2017	3/1/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50387-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/16/2017	3/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49834-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/1/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50390-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50524-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50378-1A	Madera	Wood-Burning Firebox	Certified Pellet Insert	1.5		76 Non-Catalytic	TRUE	1/18/2017	3/1/2017		22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50336-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	1/19/2017	3/1/2017		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-49568-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/1/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50037-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50514-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50845-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/19/2017	3/1/2017		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-50252-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2017	3/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50189-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/21/2017	3/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50863-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/24/2017	3/1/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-47919-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/26/2017	3/1/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-50855-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic	FALSE	1/27/2017	3/1/2017		22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48207-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2016	3/2/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-49532-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/12/2016	3/2/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49011-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-43237-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2016	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50144-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48890-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	1/11/2017	3/2/2017		22.7	3.6	7%	80%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-50567-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2017	3/2/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-50395-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2017	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51158-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/27/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48469-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	1/28/2017	3/2/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50893-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	2/7/2017	3/2/2017		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49313-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51469-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/10/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50530-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2017	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50760-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2017	3/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49291-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2017	3/2/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50557-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/13/2017	3/2/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51694-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/14/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51471-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/17/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51216-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/22/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51483-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/23/2017	3/2/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-48032-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	11/21/2016	3/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48629-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47947-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2016	3/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49102-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/3/2016	3/7/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-48599-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	FALSE	12/7/2016	3/7/2017		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49755-1A	Kern	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/7/2016	3/7/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-48958-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2016	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49790-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2016	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49931-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48112-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2016	3/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50018-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	12/17/2016	3/7/2017		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-48380-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/19/2016	3/7/2017		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-49691-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/19/2016	3/7/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-48727-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	3/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50067-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	3/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-48116-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2016	3/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49262-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49397-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	TRUE	12/30/2016	3/7/2017		29.5	7.8	54%	68%	2.1	24%	59%	0.0115	0.0033	0.0083
C-49642-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.7		Non-Catalytic	FALSE	1/6/2017	3/7/2017		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50034-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50283-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/8/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49687-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2017	3/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50216-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	1/9/2017	3/7/2017		29.5	8.2	54%	68%	2.61	33%	57%	0.0198	0.0054	0.0144
C-50279-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/9/2017	3/7/2017		29.5	2.2	54%	68%	2.1	33%	57%	0.0159	0.0012	0.0147
C-50621-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48918-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/13/2017	3/7/2017		29.5	7.2	54%	68%	2.1	33%	57%	0.0159	0.0038	0.0121
C-49927-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	3/7/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50844-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	3/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50284-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	FALSE	1/14/2017	3/7/2017		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-49884-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2017	3/7/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50492-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2017	3/7/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51013-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	1/16/2017	3/7/2017		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
C-50095-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	3/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50851-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50866-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/17/2017	3/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50219-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50484-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2017	3/7/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50860-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2017	3/7/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50914-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/24/2017	3/7/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-50193-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	1/25/2017	3/7/2017		29.5	8.4	54%	68%	1.55	54%	44%	0.0191	0.0048	0.0143
C-50392-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/25/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50393-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/25/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50363-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50660-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50906-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/27/2017	3/7/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-50023-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	1/28/2017	3/7/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-51297-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/28/2017	3/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49288-1A	Kern	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	FALSE	1/30/2017	3/7/2017		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
C-50358-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	1/30/2017	3/7/2017		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-51207-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50997-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	1/30/2017	3/7/2017		29.5	6.4	54%	74%	2.4	53%	43%	0.0291	0.0051	0.0239
C-50705-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49889-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	2/1/2017	3/7/2017		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-50714-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	3/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50517-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	2/2/2017	3/7/2017		29.5	3.2	54%	68%	2.09	100%	0%	0.0475	0.0041	0.0434
C-50453-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	2/3/2017	3/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50217-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/8/2017	3/7/2017		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-50228-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50266-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/8/2017	3/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50231-1A	Madera	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	2/9/2017	3/7/2017		2.9	0	68%	68%	2.61	33%	57%	0.0019	0.0000	0.0019

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-48029-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Non-Catalytic	TRUE	2/24/2017	3/7/2017		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
C-51428-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/13/2016	3/8/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-48392-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	11/11/2016	3/8/2017		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-48470-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2016	3/8/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49613-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/28/2016	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48626-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2016	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49176-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	3/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49724-1A	San Joaquin	Certified Wood Insert	Gas Insert				FALSE	12/20/2016	3/8/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-49735-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	3/8/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49115-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49645-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49142-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2016	3/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49653-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2016	3/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49917-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2016	3/8/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50149-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2017	3/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49550-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2017	3/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49415-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/9/2017	3/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49173-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50674-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/10/2017	3/8/2017		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-49417-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/11/2017	3/8/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50282-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/11/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50345-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	1/12/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50721-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	1/13/2017	3/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49241-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2017	3/8/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50717-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/16/2017	3/8/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-49717-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/17/2017	3/8/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-50624-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	3/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50614-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-42927-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51000-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50971-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2017	3/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45335-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2017	3/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50488-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2017	3/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51021-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50396-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/26/2017	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50515-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50998-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/26/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50486-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50909-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50698-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/28/2017	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50220-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50221-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50558-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50751-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/31/2017	3/8/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-50999-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51147-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	2/1/2017	3/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49510-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	TRUE	2/3/2017	3/8/2017		22.7	7	7%	73%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-50839-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	2/7/2017	3/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50510-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	2/17/2017	3/8/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-51029-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/21/2017	3/8/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51602-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/21/2017	3/8/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51833-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/22/2017	3/8/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51763-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/24/2017	3/8/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50494-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49402-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49964-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	2/2/2017	3/14/2017		29.5	3.2	54%	68%	2.09	24%	59%	0.0115	0.0013	0.0101
C-51603-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/13/2017	3/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51955-1A	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	2/24/2017	3/14/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51430-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/28/2017	3/14/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51519-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/1/2017	3/14/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51214-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/1/2017	3/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50211-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2017	3/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-45673-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	6/22/2016	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47469-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/23/2016	3/15/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48018-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2016	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49240-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49410-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2016	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49557-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2016	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49351-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2016	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49467-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/6/2016	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49756-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/10/2016	3/15/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-49326-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/14/2016	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49546-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47659-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	12/17/2016	3/15/2017		29.5	7.2	54%	68%	2.1	48%	48%	0.0227	0.0050	0.0177
C-49890-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48120-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.7		Non-Catalytic	TRUE	12/30/2016	3/15/2017		29.5	5.4	54%	68%	1.55	54%	44%	0.0191	0.0031	0.0160
C-49323-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/30/2016	3/15/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-50327-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.66		Non-Catalytic	FALSE	12/30/2016	3/15/2017		29.5	1.32	54%	68%	2.1	100%	0%	0.0477	0.0017	0.0460
C-49723-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/7/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50190-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/9/2017	3/15/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-49526-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	1/12/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49333-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50192-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/13/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50222-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	1/13/2017	3/15/2017		29.5	3.2	54%	68%	2.09	24%	59%	0.0115	0.0013	0.0101
C-50361-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	1/16/2017	3/15/2017		22.7	3	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-49681-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/17/2017	3/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50853-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/17/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49966-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	1/18/2017	3/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49954-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/19/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50495-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	1/19/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-50062-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	1/21/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49947-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50619-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/23/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50726-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50197-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50796-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	1/25/2017	3/15/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-44495-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-46302-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	3/15/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-49406-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50452-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/26/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50672-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49824-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/15/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50036-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/15/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50696-1A	Madera	Non-Certified Pellet Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	1/27/2017	3/15/2017		2.9	2	68%	68%	2.1	33%	57%	0.0016	0.0013	0.0002
C-51146-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	1/28/2017	3/15/2017		29.5	2	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107
C-50867-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51041-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	1/29/2017	3/15/2017		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51040-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50864-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51423-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51140-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	1/31/2017	3/15/2017		2.9	3	68%	76%	2.1	24%	59%	0.0011	0.0014	-0.0003
C-50274-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/1/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50775-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50849-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51196-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50908-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	2/1/2017	3/15/2017		22.7	8.4	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-49403-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	2/2/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50482-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50615-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				FALSE	2/2/2017	3/15/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-50496-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Hybrid	FALSE	2/3/2017	3/15/2017		29.5	8.4	54%	68%	2.4	100%	0%	0.0545	0.0123	0.0422
C-51080-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51284-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/4/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50630-1A	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	2/6/2017	3/15/2017		2.9	3.8	68%	68%	2.67	100%	0%	0.0060	0.0078	-0.0019
C-51143-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/6/2017	3/15/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-51422-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	2/6/2017	3/15/2017		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
C-48516-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	2/7/2017	3/15/2017		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-50102-2B	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2017	3/15/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-51162-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51371-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50594-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51193-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51199-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-42736-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/9/2017	3/15/2017		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-50656-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/9/2017	3/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51223-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51561-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	2/10/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51598-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/10/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51139-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/11/2017	3/15/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51315-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/12/2017	3/15/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51327-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	2/13/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51424-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51614-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51698-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/14/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50901-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.7		Non-Catalytic	FALSE	2/15/2017	3/15/2017		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50688-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	2/15/2017	3/15/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-51028-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/15/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49350-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2017	3/15/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51758-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	2/16/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49628-2B	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/17/2017	3/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51448-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	1.9	65	Non-Catalytic	TRUE	2/17/2017	3/15/2017		22.7	3.8	7%	65%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51195-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/18/2017	3/15/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51665-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/18/2017	3/15/2017		29.5	8.2	54%	68%	2.1	48%	48%	0.0227	0.0057	0.0170
C-51282-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/20/2017	3/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51043-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	2/21/2017	3/15/2017		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-51759-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2017	3/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50070-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/22/2017	3/15/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51295-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/23/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50214-1A	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	2/23/2017	3/15/2017		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
C-51597-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	3/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51922-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	3/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50455-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/24/2017	3/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51838-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/24/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49891-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	FALSE	2/25/2017	3/15/2017		29.5	6.8	54%	72%	2.61	100%	0%	0.0593	0.0102	0.0490
C-51834-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/27/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-51993-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/27/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50595-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1		Non-Catalytic	TRUE	2/28/2017	3/15/2017		29.5	2	54%	68%	2.61	33%	57%	0.0198	0.0013	0.0184
C-52091-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/28/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-50663-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/1/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50716-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/1/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-50729-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/2/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-52004-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/2/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-48831-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	TRUE	3/3/2017	3/15/2017		29.5	8.8	54%	68%	2.1	68%	32%	0.0322	0.0081	0.0241
C-51594-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/3/2017	3/15/2017		29.5	5.2	54%	68%	2.1	68%	32%	0.0322	0.0048	0.0274
C-51466-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	3/8/2017	3/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51508-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/10/2017	3/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49817-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/12/2017	3/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49926-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/18/2017	3/15/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50253-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/18/2017	3/16/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-50996-2B	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/20/2017	3/16/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-50994-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2017	3/16/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-51835-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/2/2017	3/16/2017	22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-52021-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/11/2017	3/16/2017	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-47117-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/6/2016	3/22/2017	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48255-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Catalytic	FALSE	10/24/2016	3/22/2017	29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-48514-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/31/2016	3/22/2017	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47862-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.7	72	Non-Catalytic	FALSE	11/7/2016	3/22/2017	29.5	5.4	54%	72%	2.61	100%	0%	0.0593	0.0081	0.0511
C-50522-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/2/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49949-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/9/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50313-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/17/2017	3/22/2017	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-50611-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.89	70	Non-Catalytic	TRUE	1/18/2017	3/22/2017	29.5	1.78	54%	70%	2.61	33%	57%	0.0198	0.0011	0.0186
C-50605-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50828-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50794-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/1/2017	3/22/2017	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-50977-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/1/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51472-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	2/1/2017	3/22/2017	2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-50761-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	2/1/2017	3/22/2017	29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
C-49178-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/2/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49255-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2017	3/22/2017	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50207-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50389-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	2/2/2017	3/22/2017	22.7	8.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-50529-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2017	3/22/2017	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50907-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50401-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/6/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50518-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50689-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	2/8/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50848-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50609-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50767-1A	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	2/13/2017	3/22/2017	2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-51320-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/15/2017	3/22/2017	29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51020-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2017	3/22/2017	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-51432-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	2/16/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50497-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	2/17/2017	3/22/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51913-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50307-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50447-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/20/2017	3/22/2017	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-48384-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	2/21/2017	3/22/2017	29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-49650-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50556-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2017	3/22/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51324-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48948-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50982-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51194-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51764-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51918-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2017	3/22/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51568-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/22/2017	3/22/2017	22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-50377-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51337-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51444-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/23/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49992-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/24/2017	3/22/2017	29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-51340-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/24/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51606-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2017	3/22/2017	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51920-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	FALSE	2/26/2017	3/22/2017	29.5	2	54%	68%	2.1	100%	0%	0.0477	0.0026	0.0451
C-49702-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	2/27/2017	3/22/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51374-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51999-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/3/2017	3/22/2017	22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51211-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2017	3/22/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52177-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/6/2017	3/22/2017	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51157-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/7/2017	3/22/2017	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51293-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/7/2017	3/22/2017	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51205-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	3/8/2017	3/22/2017	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-51669-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2017	3/22/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51166-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2017	3/22/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51700-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2017	3/22/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52434-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/10/2017	3/22/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51916-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/13/2017	3/22/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48309-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/2/2016	3/23/2017	29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-49282-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2016	3/23/2017	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-49190-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/8/2016	3/23/2017	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-43780-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2016	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49984-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/23/2016	3/23/2017	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50351-1A	Madera	Certified Pellet Insert	Gas Insert				TRUE	12/23/2016	3/23/2017	2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
C-49657-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49673-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	3/23/2017	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50480-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	1/14/2017	3/23/2017	22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-49541-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/30/2017	3/23/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50199-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2017	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49936-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	2/1/2017	3/23/2017	29.5	7	54%	68%	2.61	100%	0%	0.0593	0.0112	0.0481
C-51329-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2017	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50607-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	3/23/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51218-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/13/2017	3/23/2017	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-50897-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/14/2017	3/23/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51206-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	2/18/2017	3/23/2017	29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
C-51382-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2017	3/23/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50290-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9	68	Non-Catalytic	FALSE	2/22/2017	3/23/2017	29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-51530-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/22/2017	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52002-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/23/2017	3/23/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49956-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/24/2017	3/23/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51438-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/24/2017	3/23/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51961-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2017	3/23/2017	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49967-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/26/2017	3/23/2017	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-48924-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2017	3/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51727-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2017	3/23/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50858-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	FALSE	2/28/2017	3/23/2017		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51300-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/28/2017	3/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51699-1A	Kern	Non-Certified Pellet Insert	Gas Insert				FALSE	2/28/2017	3/23/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-51969-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	3/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51986-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	3/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50613-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2017	3/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51762-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/1/2017	3/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49383-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2017	3/23/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-51826-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	3/6/2017	3/23/2017		29.5	5.2	54%	68%	2.61	100%	0%	0.0593	0.0083	0.0510
C-49983-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/6/2017	3/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50980-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	3/6/2017	3/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51726-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2017	3/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51747-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/7/2017	3/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51336-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	3/8/2017	3/23/2017		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
C-51610-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	3/9/2017	3/23/2017		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-52062-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	3/9/2017	3/23/2017		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-52166-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2017	3/23/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-49563-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/13/2017	3/23/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-49814-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2016	3/28/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50276-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	3/28/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50899-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	2/14/2017	3/28/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-51325-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	2/24/2017	3/28/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51150-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/1/2017	3/28/2017		22.7	7	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51213-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	3/3/2017	3/28/2017		29.5	5.2	54%	68%	2.4	100%	0%	0.0545	0.0076	0.0469
C-51290-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/8/2017	3/28/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-51666-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/8/2017	3/28/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-51288-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/9/2017	3/28/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-50148-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/10/2017	3/28/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-52182-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/10/2017	3/28/2017		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-43953-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	3/13/2017	3/28/2017		29.5	3	54%	70%	2.1	24%	59%	0.0115	0.0012	0.0103
C-52089-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/13/2017	3/28/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-52009-2B	Stanislaus	Non-Certified Wood Insert	Gas Insert				FALSE	3/14/2017	3/28/2017		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-51733-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/15/2017	3/28/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-45300-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/3/2016	3/29/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49503-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/16/2016	3/29/2017		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-49433-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49690-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2016	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50157-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	12/20/2016	3/29/2017		29.5	3.8	54%	68%	2.1	24%	59%	0.0115	0.0016	0.0099
C-49277-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/23/2016	3/29/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49616-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2016	3/29/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49560-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/14/2017	3/29/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50111-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2017	3/29/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-47916-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/27/2017	3/29/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48261-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	3/29/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50244-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	1/31/2017	3/29/2017		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48953-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2017	3/29/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51280-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2017	3/29/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50826-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/4/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51368-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	2/4/2017	3/29/2017		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-50862-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	2/8/2017	3/29/2017		22.7	3	7%	76%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51138-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	3/29/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51145-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/10/2017	3/29/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50233-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.9		Non-Catalytic	TRUE	2/13/2017	3/29/2017		22.7	3.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50857-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4		Non-Catalytic	TRUE	2/16/2017	3/29/2017		22.7	8	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-49625-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	2/20/2017	3/29/2017		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-51083-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50770-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51571-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/28/2017	3/29/2017		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-50379-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/1/2017	3/29/2017		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-51841-1A	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	3/1/2017	3/29/2017		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
C-52249-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49990-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic	TRUE	3/8/2017	3/29/2017		29.5	7.2	54%	74%	1.15	61%	38%	0.0159	0.0031	0.0128
C-50208-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/8/2017	3/29/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-52088-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52194-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/9/2017	3/29/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51369-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/10/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51486-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/13/2017	3/29/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51915-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/13/2017	3/29/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52168-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2017	3/29/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52219-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2017	3/29/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52237-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/13/2017	3/29/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51814-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/14/2017	3/29/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-51917-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/14/2017	3/29/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51453-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	3/15/2017	3/29/2017		29.5	3.8	54%	68%	2.67	100%	0%	0.0606	0.0062	0.0544
C-51632-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/15/2017	3/29/2017		29.5	7	54%	68%	2.1	53%	43%	0.0254	0.0053	0.0201
C-52178-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/15/2017	3/29/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50889-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/15/2017	3/29/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-38697-1A	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.9	78	Hybrid	TRUE	3/16/2017	3/29/2017		29.5	3.8	54%	78%	2.61	33%	57%	0.0198	0.0022	0.0176
C-51881-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/20/2017	3/29/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51630-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	3/21/2017	3/29/2017		22.7	6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47757-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/7/2016	3/30/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49319-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	3/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50890-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2017	3/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50978-1A	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	1/27/2017	3/30/2017		22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-50847-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/6/2017	3/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50902-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/10/2017	3/30/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-51137-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2017	3/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49720-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/14/2017	3/30/2017		29.5	7.2	54%	68%	2.1	68%	32%	0.0322	0.0067	0.0255

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-50092-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2017	3/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51467-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2017	3/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50755-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2017	3/30/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50892-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	2/22/2017	3/30/2017		29.5	8.4	54%	68%	2.1	68%	32%	0.0322	0.0078	0.0244
C-49828-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	2/23/2017	3/30/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-51662-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	2/23/2017	3/30/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-49993-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	2/27/2017	3/30/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-51390-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	2/27/2017	3/30/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-51697-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/27/2017	3/30/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51304-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	3/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51305-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/1/2017	3/30/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50591-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2017	3/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51165-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	3/3/2017	3/30/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50715-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2017	3/30/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51442-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	3/6/2017	3/30/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52174-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	3/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51042-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/18/2017	3/30/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51601-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2017	3/30/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50995-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	3/22/2017	3/30/2017		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-37280-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2017	3/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51202-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	3/1/2017	4/4/2017		22.7	7.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51454-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/15/2017	4/4/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51768-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/16/2017	4/4/2017		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-48731-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2017	4/4/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-47042-1A	Merced	Open Hearth Fireplace	Gas Fireplace				TRUE	10/28/2016	4/5/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49388-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2016	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49304-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2016	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50443-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2016	4/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50194-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50248-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/20/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50445-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/23/2017	4/5/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50910-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/1/2017	4/5/2017		29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-49671-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	2/3/2017	4/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50841-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/15/2017	4/5/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-50981-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51565-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	1.8		80 Catalytic	TRUE	2/16/2017	4/5/2017		22.7	3.6	7%	80%	0.299465	68%	32%	0.0035	0.0001	0.0035
C-51819-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50854-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/23/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51570-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/23/2017	4/5/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-50159-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2		74 Non-Catalytic	TRUE	3/1/2017	4/5/2017		29.5	6.4	54%	74%	2.67	68%	32%	0.0409	0.0069	0.0340
C-51573-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	3/1/2017	4/5/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-52279-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/3/2017	4/5/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52067-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49293-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2017	4/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52129-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/13/2017	4/5/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51379-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/14/2017	4/5/2017		22.7	7	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-52189-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	4/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52328-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51487-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/16/2017	4/5/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51767-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/16/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51844-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52252-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2017	4/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51745-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51929-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52068-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52218-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51082-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.8		72 Non-Catalytic	FALSE	3/18/2017	4/5/2017		29.5	5.6	54%	72%	1.15	100%	0%	0.0261	0.0037	0.0224
C-50145-2B	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/20/2017	4/5/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52431-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	3/21/2017	4/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51634-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	3/22/2017	4/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51703-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51821-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	3/22/2017	4/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52065-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2017	4/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52240-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	3/22/2017	4/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52659-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	3/24/2017	4/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50478-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/29/2017	4/5/2017		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
C-51506-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	2/14/2017	4/6/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-50061-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2017	4/12/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50791-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/24/2017	4/12/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50116-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/1/2017	4/12/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-50850-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	4/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50610-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2017	4/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50523-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51874-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	4/12/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51201-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2017	4/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-48805-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52251-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4		Non-Catalytic	FALSE	3/3/2017	4/12/2017		22.7	8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-50865-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	3/6/2017	4/12/2017		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51886-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52012-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.3		Non-Catalytic	TRUE	3/6/2017	4/12/2017		22.7	8.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-50900-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/7/2017	4/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51843-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51505-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/10/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52020-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	4/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51567-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7		Non-Catalytic	TRUE	3/17/2017	4/12/2017		29.5	3.4	54%	68%	2.61	33%	57%	0.0198	0.0022	0.0175
C-51200-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51988-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2017	4/12/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51604-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2017	4/12/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52055-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2017	4/12/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51879-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3		73 Non-Catalytic	FALSE	3/24/2017	4/12/2017		29.5	6	54%	73%	2.4	100%	0%	0.0545	0.0082	0.0463

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-52381-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/24/2017	4/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51828-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/27/2017	4/12/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51526-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	3/29/2017	4/12/2017		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-52570-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2017	4/12/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51919-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/30/2017	4/12/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-49711-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2017	4/12/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-52324-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	4/1/2017	4/12/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52671-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/3/2017	4/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51035-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2016	4/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49339-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2017	4/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51167-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51574-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/16/2017	4/18/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52126-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	4/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50612-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	2/23/2017	4/18/2017		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-49538-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/26/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52013-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/27/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50391-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/28/2017	4/18/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51683-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2017	4/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51572-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2017	4/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49968-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	3/2/2017	4/18/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51439-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2017	4/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52090-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/18/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51470-2B	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/20/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52379-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/21/2017	4/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52185-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/23/2017	4/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-51984-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2017	4/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51528-2B	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	3/27/2017	4/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52567-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2017	4/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51605-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/31/2017	4/18/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-51990-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/31/2017	4/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-52761-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2017	4/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52833-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/31/2017	4/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-52190-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/3/2017	4/18/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-48729-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	4/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52390-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	4/5/2017	4/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52869-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/5/2017	4/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-47111-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	8/22/2016	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-47754-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	9/21/2016	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48089-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2016	4/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49162-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	12/14/2016	4/19/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-49204-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/19/2016	4/19/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49185-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2017	4/19/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50225-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2017	4/19/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49789-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/2/2017	4/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50723-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.2		Non-Catalytic	FALSE	2/22/2017	4/19/2017		29.5	2.4	54%	68%	1.55	100%	0%	0.0352	0.0023	0.0329
C-52250-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	3/2/2017	4/19/2017		29.5	5.2	54%	68%	2.09	100%	0%	0.0475	0.0066	0.0408
C-51275-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/3/2017	4/19/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-51765-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/10/2017	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49928-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	3/14/2017	4/19/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51510-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/14/2017	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51367-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/17/2017	4/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50318-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/19/2017	4/19/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-52327-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/20/2017	4/19/2017		22.7	7	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-51198-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	3/22/2017	4/19/2017		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-52393-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	3/23/2017	4/19/2017		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-50859-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/24/2017	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51291-2B	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/27/2017	4/19/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52000-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/28/2017	4/19/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-52018-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	3/28/2017	4/19/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-51480-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2017	4/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52195-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/29/2017	4/19/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-52568-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/30/2017	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52837-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic	TRUE	4/3/2017	4/19/2017		29.5	7.2	54%	74%	2.09	24%	59%	0.0115	0.0027	0.0087
C-52433-1A	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	71	Non-Catalytic	TRUE	4/4/2017	4/19/2017		29.5	6.8	54%	71%	1.16	48%	48%	0.0125	0.0025	0.0100
C-52608-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	4/19/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53026-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	4/5/2017	4/19/2017		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-50272-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/6/2017	4/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50666-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2017	4/19/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52904-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	4/6/2017	4/19/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-41895-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2016	4/25/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43320-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	9/30/2016	4/25/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-50728-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2017	4/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51380-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	4/25/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51914-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	2/23/2017	4/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50699-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	3/13/2017	4/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51875-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/13/2017	4/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51692-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2017	4/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51387-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2017	4/25/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51989-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/12/2017	4/25/2017		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-51693-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/14/2017	4/25/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49821-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/19/2017	4/25/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-52384-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	3/10/2017	5/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52130-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	3/13/2017	5/1/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-52526-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2017	5/1/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52148-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	4/11/2017	5/1/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-53019-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/12/2017	5/1/2017		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-45946-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	6/12/2016	5/2/2017		29.5	7.2	54%	68%	2.09	24%	59%	0.0115	0.0030	0.0085
C-51338-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	2/15/2017	5/2/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51968-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	2/23/2017	5/2/2017		29.5	5.2	54%	68%	1.57	100%	0%	0.0357	0.0050	0.0307
C-52010-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2017	5/2/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-51220-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic	TRUE	3/8/2017	5/2/2017		29.5	7.2	54%	74%	1.15	61%	38%	0.0159	0.0031	0.0128
C-48704-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	FALSE	3/15/2017	5/2/2017		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-51476-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	5/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50373-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	3/21/2017	5/2/2017		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-51514-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/23/2017	5/2/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51985-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	3/27/2017	5/2/2017		29.5	3	54%	70%	2.1	24%	59%	0.0115	0.0012	0.0103
C-51753-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	2/22/2017	5/4/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51596-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/6/2017	5/4/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52603-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/22/2017	5/4/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51793-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	3/29/2017	5/4/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-52564-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2017	5/4/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52562-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	4/4/2017	5/4/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-53032-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	4/6/2017	5/4/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-44750-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	5/8/2016	5/9/2017		29.5	2.2	54%	68%	2.1	33%	57%	0.0159	0.0012	0.0147
C-47439-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/2/2016	5/9/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-48466-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2016	5/9/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50758-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/13/2017	5/9/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50725-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/7/2017	5/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52170-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/15/2017	5/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52022-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2017	5/9/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52192-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/20/2017	5/9/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-52084-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	4/21/2017	5/9/2017		29.5	3.2	54%	68%	1.57	100%	0%	0.0357	0.0031	0.0326
C-52005-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2017	5/9/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52383-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	TRUE	4/25/2017	5/9/2017		29.5	6.2	54%	68%	2.4	53%	43%	0.0291	0.0054	0.0237
C-46573-2B	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	9/20/2016	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-48228-1A	Kings	Non-Certified Wood Insert	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	11/19/2016	5/10/2017		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
C-50026-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2017	5/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-50196-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/3/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50487-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2017	5/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-49872-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	2/17/2017	5/10/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50033-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	3/7/2017	5/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50898-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/8/2017	5/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49732-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	FALSE	3/9/2017	5/10/2017		29.5	5.4	54%	68%	2.1	100%	0%	0.0477	0.0069	0.0408
C-52175-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	5/10/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-51217-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/16/2017	5/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51001-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.8	72	Non-Catalytic	FALSE	3/18/2017	5/10/2017		29.5	5.6	54%	72%	1.15	100%	0%	0.0261	0.0037	0.0224
C-51877-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/20/2017	5/10/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-52172-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	3/20/2017	5/10/2017		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-52604-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/21/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52238-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	3/22/2017	5/10/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-52657-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/23/2017	5/10/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50200-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	3/24/2017	5/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52242-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2017	5/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52618-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/30/2017	5/10/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-52239-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/3/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52392-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	4/3/2017	5/10/2017		29.5	9	54%	71%	2.1	53%	43%	0.0254	0.0066	0.0189
C-51294-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/4/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52614-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2017	5/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53034-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	4/4/2017	5/10/2017		29.5	3.6	54%	68%	2.09	24%	59%	0.0115	0.0015	0.0100
C-52678-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	4/5/2017	5/10/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-52528-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	FALSE	4/6/2017	5/10/2017		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
C-52727-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2017	5/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52902-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/10/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49787-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/11/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52397-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2017	5/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52867-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/11/2017	5/10/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-53194-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/11/2017	5/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53130-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	4/14/2017	5/10/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-53410-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/15/2017	5/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53021-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/17/2017	5/10/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-52759-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2017	5/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51991-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/18/2017	5/10/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-51836-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/20/2017	5/10/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-53562-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/21/2017	5/10/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-52830-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	4/26/2017	5/10/2017		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
C-51511-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	4/28/2017	5/10/2017		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-53288-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2017	5/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52053-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	3/10/2017	5/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-47022-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	9/14/2016	5/16/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-50457-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/9/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49254-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50374-1A	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	1/16/2017	5/16/2017		2.9	3	68%	76%	2.1	100%	0%	0.0047	0.0043	0.0003
C-50727-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	74	Non-Catalytic	FALSE	1/25/2017	5/16/2017		29.5	4.6	54%	74%	1.55	100%	0%	0.0352	0.0040	0.0312
C-50442-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	1/27/2017	5/16/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-49167-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	2/11/2017	5/16/2017		29.5	3.6	54%	68%	2.1	54%	44%	0.0258	0.0028	0.0230
C-51531-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/14/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50397-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51032-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/22/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50314-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50606-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/27/2017	5/16/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-51958-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2017	5/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51631-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/2/2017	5/16/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51829-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	3/3/2017	5/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52058-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/5/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51529-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				FALSE	3/8/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51728-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52131-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/10/2017	5/16/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-51743-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49760-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/22/2017	5/16/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-51224-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1	74	Non-Catalytic	TRUE	3/23/2017	5/16/2017		29.5	8.2	54%	74%	1.15	61%	38%	0.0159	0.0035	0.0124

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-52762-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51450-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	3/24/2017	5/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52619-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51667-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	FALSE	3/25/2017	5/16/2017		22.7	3.6	7%	80%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-52325-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	3/29/2017	5/16/2017		22.7	1.16	7%	80%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52217-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/30/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52766-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49325-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	4/1/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52615-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	4/4/2017	5/16/2017		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-52828-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	5/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52964-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53015-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53017-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/5/2017	5/16/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-52835-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/6/2017	5/16/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-52380-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/8/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52616-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	4/11/2017	5/16/2017		29.5	7	54%	68%	2.61	33%	57%	0.0198	0.0046	0.0152
C-52617-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	4/11/2017	5/16/2017		29.5	7	54%	68%	2.61	100%	0%	0.0593	0.0112	0.0481
C-48437-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/12/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51635-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52811-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	4/13/2017	5/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52905-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	4/13/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53127-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	4/13/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53071-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	FALSE	4/13/2017	5/16/2017		29.5	8	54%	68%	2.61	100%	0%	0.0593	0.0128	0.0465
C-46382-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2017	5/16/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-53296-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52838-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/14/2017	5/16/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-52901-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	4/17/2017	5/16/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-53241-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53242-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/17/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49729-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52987-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53183-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2017	5/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51729-1A	Merced	Wood-burning firebox	Gas Fireplace				TRUE	4/19/2017	5/16/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-53171-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	4/20/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52602-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53539-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	4/24/2017	5/16/2017		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-53480-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2017	5/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49695-1A	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	4/27/2017	5/16/2017		29.5	4.2	54%	68%	2.1	53%	43%	0.0254	0.0032	0.0222
C-49633-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/1/2017	5/16/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52382-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2017	5/16/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-50896-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	0.66		Non-Catalytic	FALSE	5/2/2017	5/16/2017		29.5	1.32	54%	68%	2.1	100%	0%	0.0477	0.0017	0.0460
C-52527-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	5/2/2017	5/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53291-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/3/2017	5/16/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-53875-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2017	5/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51963-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2017	5/17/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51434-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/7/2017	5/17/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-51965-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	4/11/2017	5/17/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-48830-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2017	5/17/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52378-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/21/2017	5/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51992-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/25/2017	5/17/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-52587-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	5/1/2017	5/17/2017		29.5	8.4	54%	68%	2.09	100%	0%	0.0475	0.0107	0.0367
C-49099-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	5/15/2017	5/17/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-53613-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/21/2017	5/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-53702-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/28/2017	5/18/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-53785-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/5/2017	5/18/2017		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-53190-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	5/3/2017	5/22/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49614-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/8/2016	5/23/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-51523-1A	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/11/2017	5/23/2017		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
C-50618-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/27/2017	5/23/2017		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51197-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2017	5/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-49386-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2017	5/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49405-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2017	5/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50774-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/23/2017	5/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51746-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/24/2017	5/23/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50623-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2017	5/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51477-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2017	5/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50692-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	3/31/2017	5/23/2017		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51663-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	70	Non-Catalytic	TRUE	4/4/2017	5/23/2017		29.5	2.2	54%	70%	1.55	54%	44%	0.0191	0.0012	0.0178
C-49599-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2017	5/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51030-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2017	5/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51926-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	4/12/2017	5/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51303-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2017	5/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51377-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	FALSE	4/27/2017	5/23/2017		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-51971-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	5/4/2017	5/23/2017		22.7	7	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-51668-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	5/6/2017	5/23/2017		2.9	4.2	68%	68%	2.61	33%	57%	0.0019	0.0035	-0.0015
C-51883-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/8/2017	5/23/2017		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-53898-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2017	5/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52173-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	2/21/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52188-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	5/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-50603-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	FALSE	3/20/2017	5/24/2017		29.5	3	54%	70%	2.1	100%	0%	0.0477	0.0037	0.0440
C-52183-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/20/2017	5/24/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-52171-1A	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	FALSE	3/20/2017	5/24/2017		29.5	6.4	54%	74%	1.16	100%	0%	0.0263	0.0042	0.0222
C-52682-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	3/29/2017	5/24/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-51956-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/30/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52389-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/30/2017	5/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52184-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/31/2017	5/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52052-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	4/4/2017	5/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52674-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	4/5/2017	5/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52765-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51824-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2017	5/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-52464-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	4/14/2017	5/24/2017		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-53072-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	4/14/2017	5/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53192-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/14/2017	5/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53292-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53070-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2017	5/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52677-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	4/24/2017	5/24/2017		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-52676-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	4/24/2017	5/24/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-53068-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52760-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	0.89	76	Catalytic	FALSE	4/25/2017	5/24/2017		22.7	1.78	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53405-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2017	5/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51525-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2017	5/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53411-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53507-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	4/27/2017	5/24/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-53621-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53699-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	4/27/2017	5/24/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-53541-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	4/28/2017	5/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53561-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	TRUE	5/2/2017	5/24/2017		22.7	7	7%	73%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-53356-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1	75	Non-Catalytic	TRUE	5/3/2017	5/24/2017		29.5	4.2	54%	75%	2.61	33%	57%	0.0198	0.0025	0.0173
C-52764-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2017	5/24/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-53357-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2017	5/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53503-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	FALSE	5/3/2017	5/24/2017		29.5	8	54%	68%	2.61	100%	0%	0.0593	0.0128	0.0465
C-53245-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2017	5/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53240-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2017	5/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53618-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2017	5/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53505-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/11/2017	5/24/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-53951-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	5/11/2017	5/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53784-1A	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	5/11/2017	5/24/2017		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-53075-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2017	5/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52613-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2017	5/25/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-48699-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2016	5/30/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50616-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	TRUE	3/16/2017	5/30/2017		22.7	6.4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-52832-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2017	5/30/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51485-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/11/2017	5/30/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52675-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/11/2017	5/30/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52769-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	4/14/2017	5/30/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53172-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2017	5/30/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53559-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	5/1/2017	5/30/2017		22.7	6.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-53287-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2017	5/30/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-51967-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/16/2017	5/30/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-47265-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	11/24/2016	6/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-49543-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/8/2017	6/6/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-48281-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/15/2017	6/6/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-50100-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/24/2017	6/6/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-51512-1A	Madera	Certified Wood Insert	Gas Insert				TRUE	2/28/2017	6/6/2017		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
C-51515-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1		Non-Catalytic	FALSE	3/2/2017	6/6/2017		2.9	2	68%	68%	2.1	100%	0%	0.0047	0.0032	0.0015
C-51607-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2017	6/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50071-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2017	6/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51378-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/14/2017	6/6/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52565-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	4/20/2017	6/6/2017		29.5	3.6	54%	68%	2.1	54%	44%	0.0258	0.0028	0.0230
C-52187-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2017	6/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51690-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2017	6/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51524-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2017	6/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51629-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/5/2017	6/6/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-50658-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2017	6/6/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51769-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	5/9/2017	6/6/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50511-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	5/10/2017	6/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53985-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	5/17/2017	6/6/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53979-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	5/18/2017	6/6/2017		29.5	8.2	54%	68%	2.61	33%	57%	0.0198	0.0054	0.0144
C-49015-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/20/2017	6/6/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51842-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	3/21/2017	6/7/2017		29.5	8.2	54%	68%	2.61	33%	57%	0.0198	0.0054	0.0144
C-53415-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2017	6/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52730-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/21/2017	6/7/2017		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-52679-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2017	6/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53557-1A	Stanislaus	Open Hearth Fireplace	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	4/26/2017	6/7/2017		22.7	3.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-52609-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/28/2017	6/7/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-53478-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	5/3/2017	6/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53504-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4		Non-Catalytic	TRUE	5/4/2017	6/7/2017		22.7	8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-53016-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2017	6/7/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-51884-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	5/9/2017	6/7/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53697-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/9/2017	6/7/2017		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-53752-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	5/10/2017	6/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53839-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/11/2017	6/7/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-53244-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	5/12/2017	6/7/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53837-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2017	6/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53346-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	5/15/2017	6/7/2017		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-53506-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	5/18/2017	6/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-54145-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	5/18/2017	6/7/2017		29.5	9	54%	75%	2.1	24%	59%	0.0115	0.0034	0.0081
C-53986-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2017	6/7/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-54081-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	5/23/2017	6/7/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-51383-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1	75	Non-Catalytic	FALSE	6/1/2017	6/7/2017		29.5	4.2	54%	75%	1.55	100%	0%	0.0352	0.0036	0.0316
C-52001-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/1/2017	6/7/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-49514-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	12/27/2016	6/14/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-49759-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/13/2017	6/14/2017		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-52128-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2017	6/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-51831-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	3/22/2017	6/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52181-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/30/2017	6/14/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-51161-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2017	6/14/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52768-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2017	6/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53022-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2017	6/14/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-51389-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/1/2017	6/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-53808-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	5/10/2017	6/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53186-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	5/11/2017	6/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52176-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2017	6/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53398-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/15/2017	6/14/2017		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-52606-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/16/2017	6/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52868-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	5/18/2017	6/14/2017		29.5	3.6	54%	68%	1.15	61%	38%	0.0159	0.0017	0.0142
C-52143-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2017	6/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52560-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2017	6/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53642-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	5/20/2017	6/14/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-53743-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2017	6/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53876-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	5/24/2017	6/14/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-53982-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	5/24/2017	6/14/2017		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
C-52320-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/25/2017	6/14/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-53620-1A	Stanislaus	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	5/25/2017	6/14/2017		2.9	0	68%	68%	1.55	54%	44%	0.0019	0.0000	0.0019
C-53695-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2017	6/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53825-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	5/25/2017	6/14/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53949-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	5/25/2017	6/14/2017		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
C-54375-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2017	6/14/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-51702-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.7		Non-Catalytic	FALSE	5/30/2017	6/14/2017		29.5	5.4	54%	68%	1.55	100%	0%	0.0352	0.0051	0.0301
C-52827-1A	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	6/1/2017	6/14/2017		2.9	3.6	68%	68%	2.1	100%	0%	0.0047	0.0058	-0.0011
C-49887-1A	San Joaquin	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	6/3/2017	6/14/2017		22.7	7	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-46501-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/28/2017	6/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-53409-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2017	6/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-53554-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/5/2017	6/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-47762-1A	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	11/23/2016	6/21/2017		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
C-49437-1A	Fresno	Certified Wood Insert	Gas Insert				FALSE	1/5/2017	6/21/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-48945-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/25/2017	6/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-43704-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	2/16/2017	6/21/2017		22.7	3	7%	70%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-50701-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2017	6/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52872-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/6/2017	6/21/2017		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-50788-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/10/2017	6/21/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-53645-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	5/15/2017	6/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53693-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2017	6/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53981-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	5/24/2017	6/21/2017		29.5	8.2	54%	68%	2.09	24%	59%	0.0115	0.0034	0.0081
C-52654-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2017	6/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50905-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/26/2017	6/21/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52651-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/30/2017	6/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54468-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/31/2017	6/21/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-54080-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Non-Catalytic	TRUE	5/31/2017	6/21/2017		29.5	2.2	54%	68%	1.55	54%	44%	0.0191	0.0013	0.0178
C-54215-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2017	6/21/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-54467-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1		Non-Catalytic	TRUE	6/1/2017	6/21/2017		29.5	2	54%	68%	2.61	33%	57%	0.0198	0.0013	0.0184
C-47967-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	FALSE	6/2/2017	6/21/2017		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-54570-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2017	6/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52620-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/5/2017	6/21/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-53477-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	0.58	80	Catalytic	TRUE	6/6/2017	6/21/2017		29.5	1.16	54%	80%	2.1	24%	59%	0.0115	0.0004	0.0111
C-53129-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	6/6/2017	6/21/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-51840-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2017	6/21/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-53782-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/9/2017	6/21/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-54822-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2017	6/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52530-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	6/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52057-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2017	6/22/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52525-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	5/12/2017	6/22/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-53073-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	5/31/2017	6/22/2017		29.5	7.2	54%	68%	2.61	100%	0%	0.0593	0.0115	0.0478
C-54144-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2017	6/26/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-51837-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	6/26/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-54765-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	6/17/2017	6/26/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-54821-1A	Fresno	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	6/17/2017	6/26/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-51475-2B	Tulare	Wood-burning firebox	Gas Insert				TRUE	6/27/2017	7/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-46747-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2016	7/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-45325-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	10/27/2016	7/11/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-50051-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.4	75	Non-Catalytic	TRUE	12/15/2016	7/11/2017		22.7	6.8	7%	75%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49935-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	3/30/2017	7/11/2017		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-51599-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/12/2017	7/11/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-54763-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2017	7/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-50526-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2017	7/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54658-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	7/11/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52432-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/21/2017	7/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55029-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/22/2017	7/11/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-55229-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	6/22/2017	7/11/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-55504-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/2/2017	7/11/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51322-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	2/24/2017	7/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52610-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/28/2017	7/12/2017		29.5	8.2	54%	68%	2.1	33%	57%	0.0159	0.0043	0.0116
C-52622-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	4/3/2017	7/12/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-53029-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/10/2017	7/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52317-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	4/25/2017	7/12/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53643-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	4/25/2017	7/12/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-52387-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2017	7/12/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53741-1A	Fresno	Wood-burning firebox	Gas Fireplace				FALSE	5/24/2017	7/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-54421-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	5/30/2017	7/12/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52248-1A	Kern	Wood-burning firebox	Gas Fireplace				FALSE	6/4/2017	7/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53615-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	6/8/2017	7/12/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-54523-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2017	7/12/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54994-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/15/2017	7/12/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-55068-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	7/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53644-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/16/2017	7/12/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-51527-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	6/20/2017	7/12/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-55201-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2017	7/12/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54868-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	6/24/2017	7/12/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-55031-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	7/3/2017	7/12/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55398-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2017	7/12/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-49987-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2016	7/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51518-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2017	7/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-51204-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/14/2017	7/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50846-1A	Kern	Open Hearth Fireplace	Gas Fireplace				FALSE	5/1/2017	7/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52015-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2017	7/18/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-54044-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	5/26/2017	7/18/2017		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-50868-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	6/2/2017	7/18/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-50592-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	6/12/2017	7/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53897-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2017	7/18/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-50360-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	7/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-54083-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				FALSE	6/21/2017	7/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-54764-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/22/2017	7/18/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-50708-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2017	7/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54635-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/27/2017	7/18/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55399-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	7/4/2017	7/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55070-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/6/2017	7/18/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-54766-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	7/7/2017	7/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55507-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	7/7/2017	7/18/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-54867-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2017	7/18/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52866-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/5/2017	7/19/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-52831-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2017	7/19/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-50311-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2017	7/19/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-49243-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	5/9/2017	7/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51154-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/25/2017	7/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53339-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	6/14/2017	7/19/2017		29.5	7.2	54%	68%	1.55	54%	44%	0.0191	0.0041	0.0150
C-53343-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2017	7/19/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-54817-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	6/27/2017	7/19/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-55139-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2017	7/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55193-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/27/2017	7/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52394-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/28/2017	7/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55362-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	6/30/2017	7/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-54265-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2017	7/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52050-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/20/2017	7/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54756-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2017	7/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52147-1A	Madera	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/5/2017	7/25/2017		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
C-54042-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		78 Catalytic	FALSE	6/9/2017	7/25/2017		29.5	3.8	54%	78%	2.1	100%	0%	0.0477	0.0043	0.0434
C-54742-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/28/2017	7/25/2017		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
C-54376-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	5/31/2017	7/26/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-54140-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1		75 Non-Catalytic	FALSE	6/1/2017	7/26/2017		29.5	4.2	54%	75%	2.61	100%	0%	0.0593	0.0061	0.0532
C-55028-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	7/1/2017	7/26/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-55346-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2017	7/26/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-55572-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2017	7/26/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53418-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2017	7/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53824-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/4/2017	7/27/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-54220-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2017	7/27/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-55066-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	6/16/2017	7/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53412-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	6/20/2017	7/27/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-54298-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2017	7/27/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-54769-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/3/2017	7/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51954-1A	Fresno	Wood-Burning Firebox	Certified Pellet Insert	0.66		Non-Catalytic	FALSE	4/8/2017	8/1/2017		22.7	1.32	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51522-1A	San Joaquin	Certified Wood Insert	Gas Fireplace				TRUE	6/12/2017	8/1/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-51302-2B	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2017	8/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54815-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2017	8/1/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52607-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2017	8/2/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53342-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	4/30/2017	8/2/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54303-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5		71 Non-Catalytic	FALSE	6/16/2017	8/2/2017		29.5	9	54%	71%	2.1	100%	0%	0.0477	0.0111	0.0366
C-55400-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2017	8/2/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-55547-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	7/7/2017	8/2/2017		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-55403-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	7/14/2017	8/2/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55589-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2017	8/2/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55573-1A	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	7/19/2017	8/2/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-45512-2B	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	9/5/2016	8/8/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-50117-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/12/2017	8/8/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-53024-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	4/17/2017	8/8/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-53896-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/20/2017	8/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53826-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	6/2/2017	8/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-53246-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/7/2017	8/8/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-54041-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	6/8/2017	8/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52399-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2017	8/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-54820-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1		Non-Catalytic	TRUE	6/23/2017	8/8/2017		29.5	2	54%	68%	2.4	53%	43%	0.0291	0.0017	0.0273
C-55072-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	6/24/2017	8/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54466-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/27/2017	8/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53555-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/6/2017	8/8/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-55198-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2017	8/8/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-55542-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		70 Non-Catalytic	FALSE	7/13/2017	8/8/2017		22.7	2.2	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-55279-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	7/18/2017	8/8/2017		29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
C-48351-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	0.45		80 Catalytic	FALSE	7/20/2017	8/8/2017		29.5	0.9	54%	80%	2.1	100%	0%	0.0477	0.0010	0.0467
C-55545-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/22/2017	8/8/2017		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-55561-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2017	8/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-55871-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	7/24/2017	8/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53983-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/25/2017	8/8/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-49813-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2017	8/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49052-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/7/2017	8/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52008-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2017	8/9/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-52220-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	7/20/2017	8/9/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53939-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/25/2017	8/9/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56008-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/1/2017	8/9/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-55878-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/5/2017	8/9/2017		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-55509-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/6/2017	8/9/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49611-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	12/29/2016	8/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-51633-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/26/2017	8/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-54522-2B	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	7/28/2017	8/15/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-55690-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/2/2017	8/15/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-56208-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2017	8/15/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-55600-1A	Fresno	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	8/4/2017	8/15/2017		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-52673-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	7/19/2017	8/17/2017		29.5	7.2	54%	68%	2.61	100%	0%	0.0593	0.0115	0.0478
C-55604-1A	Stanislaus	Wood-burning firebox	Gas Insert				FALSE	7/21/2017	8/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55401-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2017	8/17/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-55281-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic	TRUE	7/27/2017	8/17/2017		22.7	3	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
C-55141-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/31/2017	8/17/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-54476-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2017	8/17/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-56189-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	8/4/2017	8/17/2017		22.7	8.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-54870-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2017	8/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55200-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	7/17/2017	8/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55030-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2017	8/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-55629-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	8/2/2017	8/21/2017		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-55825-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	8/8/2017	8/21/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-52655-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/9/2017	8/21/2017		29.5	7.2	54%	68%	2.1	53%	43%	0.0254	0.0055	0.0199
C-56153-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2017	8/21/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55424-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	8/10/2017	8/22/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-51317-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/12/2017	8/22/2017		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-52019-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2017	8/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-53407-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2017	8/24/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54819-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic	FALSE	6/16/2017	8/24/2017		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
C-51987-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2017	8/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54280-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	8/2/2017	8/24/2017		29.5	5.2	54%	68%	2.61	100%	0%	0.0593	0.0083	0.0510
C-55660-1A	Madera	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	8/3/2017	8/24/2017		2.9	0	68%	68%	2.61	33%	57%	0.0019	0.0000	0.0019
C-54981-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/9/2017	8/24/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-55870-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	8/9/2017	8/24/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56103-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	8/11/2017	8/24/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-56475-1A	Fresno	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/12/2017	8/24/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-47529-2B	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		Non-Catalytic	FALSE	10/27/2016	9/5/2017		29.5	4	54%	68%	1.15	100%	0%	0.0261	0.0028	0.0233
C-53953-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/5/2017	9/5/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-54221-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	5/25/2017	9/5/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-54281-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	6/15/2017	9/5/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-54578-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	6/23/2017	9/5/2017		29.5	6.8	54%	68%	2.61	100%	0%	0.0593	0.0109	0.0484
C-55144-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/11/2017	9/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55476-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/7/2017	9/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55720-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2017	9/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-49617-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	8/10/2017	9/5/2017		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-55767-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	8/10/2017	9/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-55603-1A	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/12/2017	9/5/2017		22.7	7.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-56372-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2017	9/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56474-1A	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	3.4		Non-Catalytic	FALSE	8/15/2017	9/5/2017		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-52241-2B	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	8/17/2017	9/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56509-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2017	9/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56756-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2017	9/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55853-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2017	9/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56423-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/25/2017	9/5/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-56336-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	8/26/2017	9/5/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52680-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	5/8/2017	9/8/2017		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
C-53641-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	7/22/2017	9/8/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-53479-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/25/2017	9/8/2017		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-54379-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/3/2017	9/8/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-56292-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2017	9/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53413-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/8/2017	9/8/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-54636-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/10/2017	9/8/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55543-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/10/2017	9/8/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-55701-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2017	9/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56291-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2017	9/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52003-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	8/12/2017	9/8/2017		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-53646-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	8/14/2017	9/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56469-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	8/15/2017	9/8/2017		22.7	7	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-56255-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	8/19/2017	9/8/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-53724-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	8/9/2017	9/14/2017		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-56466-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2017	9/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54043-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2017	9/14/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-40987-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/26/2017	9/14/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-51003-1A	Tulare	Wood-Burning Firebox	Gas Insert				FALSE	8/28/2017	9/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56995-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/29/2017	9/14/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-56143-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/31/2017	9/14/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-54149-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2017	9/14/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-53624-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/7/2017	9/14/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-57334-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2017	9/14/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57010-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	9/8/2017	9/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-54866-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	7/5/2017	9/19/2017		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-55074-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	8/3/2017	9/19/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-56254-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	8/8/2017	9/19/2017		22.7	9	7%	71%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-53747-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	TRUE	8/17/2017	9/19/2017		22.7	5.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-55506-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2017	9/19/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56473-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	8/21/2017	9/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52590-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	8/23/2017	9/19/2017		2.9	3	68%	76%	2.1	100%	0%	0.0047	0.0043	0.0003
C-56007-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				FALSE	8/23/2017	9/19/2017		2.9	0	68%	68%	2.09	100%	0%	0.0047	0.0000	0.0047
C-56505-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic	FALSE	8/23/2017	9/19/2017		29.5	7.2	54%	74%	2.09	100%	0%	0.0475	0.0085	0.0390
C-55574-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	8/25/2017	9/19/2017		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-56823-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2017	9/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54634-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2017	9/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56596-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	8/26/2017	9/19/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-56582-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2017	9/19/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56252-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Hybrid	TRUE	8/28/2017	9/19/2017		22.7	3.8	7%	78%	0.299465	61%	38%	0.0032	0.0001	0.0031

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-56089-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	8/28/2017	9/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56421-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2017	9/19/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-56145-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	8/29/2017	9/19/2017		29.5	3.8	54%	68%	2.1	61%	38%	0.0290	0.0032	0.0258
C-54768-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	8/29/2017	9/19/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56937-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2017	9/19/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56604-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2017	9/19/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54423-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	6/28/2017	9/26/2017		29.5	3.2	54%	68%	1.15	61%	38%	0.0159	0.0015	0.0144
C-55199-1A	San Joaquin	Open Hearth Fireplace	Freestanding Certified Wood Stove	2.2		Non-Catalytic	FALSE	8/1/2017	9/26/2017		22.7	4.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-56104-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Hybrid	TRUE	8/22/2017	9/26/2017		22.7	3.8	7%	78%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-56422-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2017	9/26/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57078-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1		Non-Catalytic	FALSE	8/31/2017	9/26/2017		29.5	2	54%	68%	2.67	100%	0%	0.0606	0.0033	0.0574
C-56281-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2017	9/26/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55071-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/5/2017	9/26/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-57361-1A	San Joaquin	Certified Pellet Insert	Gas Insert				FALSE	9/5/2017	9/26/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-55427-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2017	9/26/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57281-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	9/7/2017	9/26/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-57418-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2017	9/26/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57192-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	9/12/2017	9/26/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57581-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/16/2017	9/26/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-52146-1A	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	2/25/2017	10/4/2017		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-49146-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2017	10/4/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-56598-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	8/31/2017	10/4/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-57228-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	9/11/2017	10/4/2017		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-56187-1A	Merced	Certified Wood Insert	Gas Insert				FALSE	9/12/2017	10/4/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-57198-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2017	10/4/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57422-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	9/13/2017	10/4/2017		22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-57393-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2017	10/4/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51627-1A	Kern	Wood-burning firebox	Certified Pellet Insert	1.4		Non-Catalytic	TRUE	9/15/2017	10/4/2017		22.7	2.8	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-56472-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	9/15/2017	10/4/2017		22.7	3.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-57522-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	9/15/2017	10/4/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-53558-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	7/7/2017	10/5/2017		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-55232-1A	Fresno	Non-Certified Pellet Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/18/2017	10/5/2017		2.9	5.2	68%	68%	2.1	24%	59%	0.0011	0.0027	-0.0016
C-56006-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	7/29/2017	10/5/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-56324-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2017	10/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56215-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	8/28/2017	10/5/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-55918-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2017	10/5/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-52652-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	9/1/2017	10/5/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-53783-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2017	10/5/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-54279-1A	San Joaquin	Certified Wood Insert	Gas Insert				FALSE	9/7/2017	10/5/2017		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-56337-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	9/13/2017	10/5/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-54223-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	6/9/2017	10/10/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-48960-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	8/17/2017	10/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-56140-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	8/31/2017	10/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57420-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2017	10/10/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57410-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	9/12/2017	10/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57415-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5		Non-Catalytic	TRUE	9/12/2017	10/10/2017		29.5	3	54%	68%	2.09	24%	59%	0.0115	0.0012	0.0102
C-56105-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	9/13/2017	10/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57269-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	9/13/2017	10/10/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57470-2B	Kern	Wood-burning firebox	Gas Insert				TRUE	9/14/2017	10/10/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57425-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	FALSE	9/18/2017	10/10/2017		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
C-57004-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.9		Non-Catalytic	FALSE	9/19/2017	10/10/2017		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-57424-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2017	10/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57789-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	9/20/2017	10/10/2017		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57280-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2017	10/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57715-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.5		Non-Catalytic	FALSE	9/21/2017	10/10/2017		22.7	5	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-55027-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/22/2017	10/10/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-57651-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/22/2017	10/10/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57077-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2017	10/10/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57821-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	9/23/2017	10/10/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56755-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2017	10/10/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57932-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/26/2017	10/10/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-50032-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	FALSE	9/28/2017	10/10/2017		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
C-57877-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	9/30/2017	10/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57872-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2017	10/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57873-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	10/1/2017	10/10/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-54679-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				FALSE	6/20/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55591-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2017	10/11/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-52834-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/19/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56144-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	7/31/2017	10/11/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-55916-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/15/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52253-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2017	10/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53185-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	9/8/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55428-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	9/11/2017	10/11/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-55727-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2017	10/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57244-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/12/2017	10/11/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-56009-1A	Madera	Open Hearth Fireplace	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	9/12/2017	10/11/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-52559-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	FALSE	9/19/2017	10/11/2017		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
C-52191-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	9/20/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56062-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	9/20/2017	10/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55700-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/25/2017	10/18/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55234-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/12/2017	10/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56248-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/6/2017	10/18/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-56063-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	9/8/2017	10/18/2017		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-54380-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2017	10/18/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-57417-1A	Kings	Non-Certified Pellet Insert	Gas Insert				TRUE	9/14/2017	10/18/2017		2.9	0	68%	68%	2.1	48%	48%	0.0022	0.0000	0.0022
C-57525-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2017	10/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57423-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/20/2017	10/18/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57471-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/21/2017	10/18/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-56935-2B	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	9/21/2017	10/18/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-56373-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/22/2017	10/18/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-56602-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	9/25/2017	10/18/2017		29.5	3.8	54%	68%	1.15	61%	38%	0.0159	0.0018	0.0141
C-57473-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	9/25/2017	10/18/2017		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-54687-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	9/26/2017	10/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57528-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2017	10/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57916-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	9/26/2017	10/18/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57108-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.45	80	Catalytic	FALSE	9/27/2017	10/18/2017		29.5	0.9	54%	80%	2.61	100%	0%	0.0593	0.0012	0.0581
C-57586-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2017	10/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57937-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2017	10/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57515-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	FALSE	9/27/2017	10/18/2017		29.5	6.4	54%	74%	2.4	100%	0%	0.0545	0.0086	0.0459
C-57520-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic	TRUE	9/27/2017	10/18/2017		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-56966-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	9/28/2017	10/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57695-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	9/29/2017	10/18/2017		2.9	3	68%	76%	2.1	61%	38%	0.0029	0.0029	0.0000
C-50894-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2017	10/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-55715-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	10/1/2017	10/18/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-56971-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	0.58	80	Catalytic	FALSE	10/2/2017	10/18/2017		29.5	1.16	54%	80%	2.1	100%	0%	0.0477	0.0013	0.0464
C-56612-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2017	10/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57142-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/2/2017	10/18/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57270-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/5/2017	10/18/2017		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-57917-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2017	10/18/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58092-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2017	10/18/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53355-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1			TRUE	10/7/2017	10/18/2017		22.7	4.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
C-57999-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/7/2017	10/18/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57721-1A	Fresno	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/8/2017	10/18/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57654-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/27/2017	10/19/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-57191-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2017	10/23/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56600-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2017	10/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55631-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/6/2017	10/23/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57009-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	9/13/2017	10/23/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-57419-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2017	10/23/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-57531-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2017	10/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55426-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	9/27/2017	10/23/2017		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-56614-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	9/27/2017	10/23/2017		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57239-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	9/27/2017	10/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57421-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	TRUE	9/28/2017	10/23/2017		29.5	8.8	54%	68%	2.1	61%	38%	0.0290	0.0075	0.0216
C-57139-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	9/29/2017	10/23/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-57964-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/3/2017	10/23/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-57723-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2017	10/23/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57940-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2017	10/23/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57915-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	10/11/2017	10/23/2017		22.7	3	7%	70%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57874-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2017	10/23/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57875-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	10/15/2017	10/23/2017		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-57908-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/15/2017	10/23/2017		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-55512-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2017	10/24/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57535-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2017	10/24/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57474-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/4/2017	10/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57506-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	10/5/2017	10/24/2017		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56507-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	10/10/2017	10/24/2017		22.7	3.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-57527-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	10/11/2017	10/24/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-57824-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2017	10/24/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58043-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2017	10/24/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-55474-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2017	10/25/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56101-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/9/2017	10/25/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-56332-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	8/10/2017	10/25/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55145-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2017	10/25/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-52767-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2017	10/25/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57870-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/4/2017	10/25/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57816-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/6/2017	10/25/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55602-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2017	10/25/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57919-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	10/25/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58347-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	10/25/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-53744-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	6/6/2017	11/1/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-57271-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/10/2017	11/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58195-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/11/2017	11/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-52179-1A	Kings	Wood-burning firebox	Gas Insert				FALSE	10/12/2017	11/1/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58196-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/13/2017	11/1/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57994-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/1/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57876-1A	Madera	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/21/2017	11/1/2017		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-57935-1A	Madera	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/21/2017	11/1/2017		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-50493-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	1/3/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-50968-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	5/30/2017	11/8/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-53934-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.3	79	Catalytic	FALSE	7/6/2017	11/8/2017		22.7	2.6	7%	79%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-53345-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57019-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	8/25/2017	11/8/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-56334-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	8/29/2017	11/8/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-56502-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	8/30/2017	11/8/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-57229-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56185-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	9/6/2017	11/8/2017		29.5	3.8	54%	68%	2.09	100%	0%	0.0475	0.0049	0.0426
C-54573-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	9/12/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57231-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	76	Catalytic	FALSE	9/18/2017	11/8/2017		29.5	3.4	54%	76%	2.1	100%	0%	0.0477	0.0039	0.0438
C-57081-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				FALSE	9/22/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57883-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	9/28/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56467-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57584-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57141-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	9/29/2017	11/8/2017		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-56102-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	10/2/2017	11/8/2017		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
C-56586-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	10/4/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57722-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	10/4/2017	11/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57392-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/6/2017	11/8/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-58106-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57749-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/9/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-58224-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57416-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	10/10/2017	11/8/2017		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-57823-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58108-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	10/10/2017	11/8/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-58220-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58219-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58143-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	10/11/2017	11/8/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57230-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	10/12/2017	11/8/2017		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
C-57294-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	11/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58119-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57887-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/12/2017	11/8/2017		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-57549-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	10/13/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56503-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/14/2017	11/8/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-58384-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	10/14/2017	11/8/2017		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57748-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-47971-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	10/17/2017	11/8/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-58107-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/17/2017	11/8/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-57460-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57820-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2017	11/8/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-58089-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	10/18/2017	11/8/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56936-1A	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	10/19/2017	11/8/2017		2.9	2.6	68%	68%	2.1	68%	32%	0.0032	0.0030	0.0001
C-58038-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58202-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	11/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58213-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58348-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	10/19/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56339-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.1		Non-Catalytic	FALSE	10/20/2017	11/8/2017		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-55838-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57144-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58216-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	10/20/2017	11/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58122-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	10/21/2017	11/8/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-58325-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2017	11/8/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58701-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/21/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57909-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57961-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	10/23/2017	11/8/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58597-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	10/23/2017	11/8/2017		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58234-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/23/2017	11/8/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58232-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	10/24/2017	11/8/2017		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-58520-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	10/24/2017	11/8/2017		29.5	3.8	54%	68%	2.1	24%	59%	0.0115	0.0016	0.0099
C-58684-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2017	11/8/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57533-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/25/2017	11/8/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58204-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/17/2017	11/14/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-58351-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/17/2017	11/14/2017		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-58571-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/19/2017	11/14/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58193-2B	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/23/2017	11/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58707-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/27/2017	11/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58601-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2017	11/14/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-56970-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	8/24/2017	11/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54993-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2017	11/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57652-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2017	11/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56004-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic	FALSE	10/19/2017	11/15/2017		22.7	7	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-58027-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	11/15/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57080-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2017	11/15/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57588-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2017	11/15/2017		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-58523-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2017	11/15/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58450-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/23/2017	11/15/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57534-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2017	11/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58000-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/28/2017	11/15/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-57359-2B	Kern	Wood-burning firebox	Gas Insert				TRUE	10/30/2017	11/15/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57993-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Catalytic	FALSE	10/31/2017	11/15/2017		29.5	2.2	54%	68%	2.67	100%	0%	0.0606	0.0036	0.0571
C-57997-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	69	Non-Catalytic	TRUE	11/3/2017	11/15/2017		29.5	4	54%	69%	1.55	54%	44%	0.0191	0.0023	0.0168
C-52621-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/5/2017	11/15/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57923-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/6/2017	11/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56375-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/11/2017	11/16/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-56964-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/16/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-58428-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2017	11/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58447-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	10/20/2017	11/16/2017		29.5	7.2	54%	68%	2.09	24%	59%	0.0115	0.0030	0.0085
C-57818-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	10/22/2017	11/16/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57938-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	10/24/2017	11/16/2017		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57996-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	10/24/2017	11/16/2017		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-58035-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2017	11/16/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58094-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2017	11/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57753-1A	Stanislaus	Wood-Burning Firebox	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	10/26/2017	11/16/2017		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58091-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2017	11/16/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58425-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	10/26/2017	11/16/2017		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-58529-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/27/2017	11/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58687-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/27/2017	11/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58705-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/27/2017	11/16/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58090-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	10/28/2017	11/16/2017		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
C-58703-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/28/2017	11/16/2017		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-57111-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2017	11/16/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58003-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	10/31/2017	11/16/2017		2.9	0	68%	68%	2.61	33%	57%	0.0019	0.0000	0.0019
C-58512-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	11/2/2017	11/16/2017		29.5	4.2	54%	68%	2.09	24%	59%	0.0115	0.0017	0.0097
C-58238-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	11/3/2017	11/16/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-58424-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	11/3/2017	11/16/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58768-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/3/2017	11/16/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58114-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/4/2017	11/16/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57197-1A	Madera	Open Hearth Fireplace	Gas Fireplace				FALSE	9/19/2017	11/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-56468-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	9/25/2017	11/17/2017		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
C-57526-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2017	11/17/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57726-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2017	11/17/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-57459-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	9/28/2017	11/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57884-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2017	11/17/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-57939-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/17/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58377-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/16/2017	11/17/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57532-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/19/2017	11/17/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-57496-1A	Madera	Wood-Burning Firebox	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/25/2017	11/17/2017		22.7	3	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-57529-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/26/2017	11/17/2017		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-58544-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/28/2017	11/17/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-57881-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2017	11/17/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58607-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/1/2017	11/17/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57968-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2017	11/17/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-49607-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/11/2017	11/20/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57469-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	FALSE	9/18/2017	11/20/2017		29.5	2	54%	68%	2.1	100%	0%	0.0477	0.0026	0.0451
C-56256-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/26/2017	11/20/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56972-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	10/19/2017	11/20/2017		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-56374-1A	Merced	Non-Certified Pellet Insert	Gas Insert				FALSE	10/20/2017	11/20/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-58515-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic	TRUE	10/25/2017	11/20/2017		29.5	6.8	54%	68%	2.1	68%	32%	0.0322	0.0063	0.0259
C-57989-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/30/2017	11/20/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57521-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	10/31/2017	11/20/2017		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57193-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	11/2/2017	11/20/2017		22.7	8.8	7%	68%	0.299465	68%	32%	0.0035	0.0002	0.0034
C-56212-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2017	11/20/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57865-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2017	11/20/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57992-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2017	11/21/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-55854-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	10/9/2017	11/27/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-57918-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	10/9/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58379-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58429-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58386-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/19/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58039-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	10/25/2017	11/27/2017		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-58145-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2017	11/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58732-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	10/26/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58771-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58696-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58231-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/30/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58602-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58770-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/30/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57885-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58676-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	10/31/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58753-1A	Kern	Non-Certified Pellet Insert	Gas Insert				FALSE	10/31/2017	11/27/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-57967-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.1		Non-Catalytic	FALSE	11/1/2017	11/27/2017		29.5	6.2	54%	68%	2.1	100%	0%	0.0477	0.0080	0.0397
C-58600-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	11/1/2017	11/27/2017		2.9	3	68%	70%	2.1	24%	59%	0.0011	0.0015	-0.0004
C-58578-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58735-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58855-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58880-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58956-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59024-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	11/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58543-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2017	11/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58751-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2017	11/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58466-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	FALSE	11/3/2017	11/27/2017		29.5	7	54%	68%	2.4	100%	0%	0.0545	0.0103	0.0442
C-58350-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2017	11/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58642-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58572-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2017	11/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58647-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/4/2017	11/27/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-58878-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/6/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58877-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/7/2017	11/27/2017		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-58093-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2017	11/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58728-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/8/2017	11/27/2017		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-58748-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	11/8/2017	11/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58513-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/9/2017	11/27/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58162-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	11/9/2017	11/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59174-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/9/2017	11/27/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59212-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/11/2017	11/27/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57725-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	9/29/2017	11/28/2017		22.7	8.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-57414-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	10/5/2017	11/28/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57137-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2017	11/28/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57413-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	11/2/2017	11/28/2017		22.7	8.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-57871-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2017	11/28/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51141-1A	Kings	Wood-burning firebox	Gas Insert				FALSE	11/4/2017	11/28/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57817-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2017	11/28/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-54705-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	6/2/2017	12/5/2017		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-58470-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2017	12/5/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58577-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2017	12/5/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57268-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	8/29/2017	12/6/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-57243-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	9/11/2017	12/6/2017		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-57624-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.8	80	Catalytic	FALSE	10/25/2017	12/6/2017		29.5	3.6	54%	80%	2.1	100%	0%	0.0477	0.0039	0.0438
C-58423-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/9/2017	12/6/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-52938-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/4/2017	12/7/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-52681-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2017	12/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59206-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/10/2017	12/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-54571-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	12/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58117-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/15/2017	12/7/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59398-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	11/17/2017	12/7/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-59131-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/18/2017	12/7/2017		22.7	4.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-59041-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/21/2017	12/7/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-42907-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/11/2016	12/11/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-56961-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	9/1/2017	12/11/2017		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
C-56247-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	9/21/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57518-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2017	12/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56329-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4	74	Non-Catalytic	TRUE	10/2/2017	12/11/2017		22.7	8	7%	74%	0.299465	33%	57%	0.0017	0.0001	0.0017

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-57245-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.67		Non-Catalytic	TRUE	10/5/2017	12/11/2017		29.5	1.34	54%	68%	2.09	24%	59%	0.0115	0.0006	0.0109
C-57012-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	10/10/2017	12/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57585-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57751-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	10/19/2017	12/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57329-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	10/21/2017	12/11/2017		29.5	8.4	54%	68%	1.15	61%	38%	0.0159	0.0039	0.0120
C-57911-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	10/24/2017	12/11/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58517-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57912-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58448-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/31/2017	12/11/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58136-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	11/6/2017	12/11/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-58147-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/6/2017	12/11/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-57922-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58465-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58644-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2017	12/11/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58527-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/13/2017	12/11/2017		22.7	7	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-57910-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	11/15/2017	12/11/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-49970-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2017	12/11/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57589-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	11/21/2017	12/11/2017		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-55570-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2017	12/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-56073-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	8/15/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57991-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2017	12/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58105-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/19/2017	12/13/2017		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-51517-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2017	12/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58694-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	10/25/2017	12/13/2017		22.7	7	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-53169-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	10/31/2017	12/13/2017		22.7	8.4	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-58354-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	10/31/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54422-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	11/1/2017	12/13/2017		22.7	6.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-58378-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58881-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58575-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	11/1/2017	12/13/2017		22.7	6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-52524-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	11/2/2017	12/13/2017		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
C-58848-1A	Merced	Non-Certified Wood Insert	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	11/2/2017	12/13/2017		29.5	2.6	54%	68%	2.1	68%	32%	0.0322	0.0024	0.0298
C-58780-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/3/2017	12/13/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-58982-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	11/3/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58460-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/6/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58531-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58809-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/6/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58820-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58604-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/7/2017	12/13/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-58981-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		Non-Catalytic	TRUE	11/7/2017	12/13/2017		29.5	1.96	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107
C-58773-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/8/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58974-1A	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2017	12/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58739-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/9/2017	12/13/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-58879-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2017	12/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58906-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/9/2017	12/13/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58917-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59022-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	11/9/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59155-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/9/2017	12/13/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-58984-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.8		80 Catalytic	FALSE	11/9/2017	12/13/2017		22.7	3.6	7%	80%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-58326-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	11/10/2017	12/13/2017		29.5	3.2	54%	68%	2.61	33%	57%	0.0198	0.0021	0.0177
C-58645-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	11/10/2017	12/13/2017		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-58652-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	11/10/2017	12/13/2017		29.5	3.6	54%	68%	2.4	53%	43%	0.0291	0.0031	0.0259
C-58649-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	11/10/2017	12/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58896-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59066-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/10/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59337-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	11/10/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59211-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4		Non-Catalytic	FALSE	11/12/2017	12/13/2017		29.5	8	54%	68%	2.1	100%	0%	0.0477	0.0103	0.0374
C-58610-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2017	12/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58979-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2017	12/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59031-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	11/13/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58574-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/14/2017	12/13/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58605-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/14/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58680-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/14/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59262-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2017	12/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58808-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/15/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58816-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	12/13/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59032-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	11/15/2017	12/13/2017		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-59033-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	12/13/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58903-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/16/2017	12/13/2017		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-58779-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2017	12/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58983-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	11/16/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59448-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2017	12/13/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58704-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/17/2017	12/13/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58777-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/17/2017	12/13/2017		29.5	8.2	54%	68%	2.1	33%	57%	0.0159	0.0043	0.0116
C-58953-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/17/2017	12/13/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-58736-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/18/2017	12/13/2017		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
C-58774-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/18/2017	12/13/2017		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59451-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/21/2017	12/13/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59488-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/21/2017	12/13/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59617-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	11/21/2017	12/13/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57970-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.3		Non-Catalytic	TRUE	11/22/2017	12/13/2017		29.5	8.6	54%	68%	2.1	53%	43%	0.0254	0.0066	0.0189
C-59138-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	11/22/2017	12/13/2017		29.5	6.8	54%	68%	2.61	33%	57%	0.0198	0.0045	0.0153
C-59210-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/22/2017	12/13/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59463-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	12/13/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59551-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/24/2017	12/13/2017		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58700-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	11/25/2017	12/13/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59241-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	11/27/2017	12/13/2017		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58468-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2017	12/14/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58894-1A	Madera	Wood-burning firebox	Gas Insert				FALSE	11/11/2017	12/14/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58672-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2017	12/18/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-57550-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		Non-Catalytic	FALSE	10/20/2017	12/20/2017		29.5	4	54%	68%	1.55	100%	0%	0.0352	0.0038	0.0314
C-58697-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	11/17/2017	12/20/2017		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57195-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/23/2017	12/20/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59472-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	11/25/2017	12/20/2017		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-59787-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/29/2017	12/20/2017		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59473-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2017	12/20/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59660-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	12/2/2017	12/20/2017		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-59786-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/5/2017	12/20/2017		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-59540-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/11/2017	12/20/2017		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59578-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/12/2017	12/20/2017		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-57375-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/13/2017	12/20/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59788-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/13/2017	12/20/2017		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-57189-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4	74	Non-Catalytic	FALSE	8/28/2017	12/21/2017		22.7	8	7%	74%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-56589-1A	Fresno	Wood-burning firebox	Gas Fireplace				FALSE	8/31/2017	12/21/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57363-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.2		Non-Catalytic	TRUE	10/4/2017	12/21/2017		29.5	4.4	54%	68%	1.55	54%	44%	0.0191	0.0025	0.0166
C-56968-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	12/21/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57297-1A	Merced	Certified Wood Insert	Gas Insert				TRUE	10/20/2017	12/21/2017		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
C-57516-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/25/2017	12/21/2017		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-57913-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	11/9/2017	12/21/2017		22.7	1.16	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58679-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/15/2017	12/21/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58328-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/18/2017	12/21/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-54147-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	11/22/2017	12/21/2017		29.5	7.2	54%	68%	2.1	33%	57%	0.0159	0.0038	0.0121
C-57634-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/1/2017	12/21/2017		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-58037-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	FALSE	12/1/2017	12/21/2017		29.5	9	54%	75%	2.67	100%	0%	0.0606	0.0133	0.0473
C-57969-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2017	12/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59870-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2017	12/21/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56470-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	8/29/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54218-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	9/29/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55726-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	10/6/2017	12/27/2017		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-57237-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	10/12/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-54079-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/16/2017	12/27/2017		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-58088-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	10/18/2017	12/27/2017		22.7	8.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0030
C-57140-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58135-1A	Fresno	Wood-burning firebox	Gas Fireplace				FALSE	10/24/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55265-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57934-1A	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.5		Catalytic	TRUE	10/26/2017	12/27/2017		22.7	5	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-56815-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	10/27/2017	12/27/2017		29.5	3.6	54%	68%	2.1	100%	0%	0.0477	0.0046	0.0431
C-58738-1A	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	10/30/2017	12/27/2017		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
C-58463-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.66		Non-Catalytic	FALSE	10/30/2017	12/27/2017		22.7	1.32	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58530-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58214-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	11/1/2017	12/27/2017		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-58542-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58462-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	11/1/2017	12/27/2017		22.7	1.16	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58206-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/2/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55264-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	11/3/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59026-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58754-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	11/5/2017	12/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58467-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/6/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58355-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56511-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58882-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/8/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58954-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/8/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59071-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	11/8/2017	12/27/2017		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-58031-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	11/9/2017	12/27/2017		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
C-54139-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59202-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	11/9/2017	12/27/2017		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
C-58356-1A	San Joaquin	Non-Certified Pellet Insert	Gas Fireplace				FALSE	11/10/2017	12/27/2017		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-58576-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	11/10/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59128-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/11/2017	12/27/2017		22.7	3	7%	76%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59123-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/14/2017	12/27/2017		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-58519-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58749-1A	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59401-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/16/2017	12/27/2017		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-58380-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	11/17/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58750-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59349-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	11/17/2017	12/27/2017		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59336-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	11/17/2017	12/27/2017		29.5	9	54%	75%	2.1	100%	0%	0.0477	0.0105	0.0372
C-58897-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/18/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59276-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/18/2017	12/27/2017		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59325-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/18/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58966-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	11/19/2017	12/27/2017		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-58814-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/20/2017	12/27/2017		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
C-58237-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	12/27/2017		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-58660-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58661-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58899-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59318-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	11/20/2017	12/27/2017		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58904-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/20/2017	12/27/2017		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-59339-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	11/20/2017	12/27/2017		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58142-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2017	12/27/2017		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58817-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59623-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	11/21/2017	12/27/2017		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59642-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59240-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	11/21/2017	12/27/2017		29.5	6.8	54%	68%	2.61	100%	0%	0.0593	0.0109	0.0484
C-59353-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/21/2017	12/27/2017		22.7	3	7%	76%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58681-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/22/2017	12/27/2017		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-58689-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	11/22/2017	12/27/2017		22.7	6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-58455-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/22/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58893-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59149-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	12/27/2017		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-59150-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59410-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59553-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	11/22/2017	12/27/2017	2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-59357-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2017	12/27/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59548-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/24/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59242-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/25/2017	12/27/2017	22.7	3	7%	76%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59207-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59074-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59147-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59227-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59255-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59346-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/27/2017	12/27/2017	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59400-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59414-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/27/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59460-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8	80	Catalytic	FALSE	11/27/2017	12/27/2017	29.5	3.6	54%	80%	2.1	100%	0%	0.0477	0.0039	0.0438
C-58525-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	11/28/2017	12/27/2017	29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
C-59130-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	11/28/2017	12/27/2017	29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
C-59209-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	11/28/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59449-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/28/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58698-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	11/29/2017	12/27/2017	22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59256-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59416-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	11/29/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59464-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/29/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59702-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/29/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59731-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	11/29/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59624-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2017	12/27/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59467-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/30/2017	12/27/2017	22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-58427-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	12/1/2017	12/27/2017	29.5	2.2	54%	68%	2.09	100%	0%	0.0475	0.0028	0.0447
C-55478-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	12/1/2017	12/27/2017	2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-58874-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/1/2017	12/27/2017	29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59199-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2017	12/27/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59563-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59571-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59703-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/1/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59475-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59538-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/2/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59580-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/2/2017	12/27/2017	22.7	8.4	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-59773-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	12/2/2017	12/27/2017	29.5	7	54%	68%	2.61	33%	57%	0.0198	0.0046	0.0152
C-59316-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	12/3/2017	12/27/2017	22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-58755-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	0.89	76	Catalytic	TRUE	12/4/2017	12/27/2017	22.7	1.78	7%	76%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-58875-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/4/2017	12/27/2017	22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-59028-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/4/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59146-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59196-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	12/4/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59614-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59574-1A	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	12/4/2017	12/27/2017	29.5	8.2	54%	68%	1.16	48%	48%	0.0125	0.0031	0.0094
C-58730-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58987-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59016-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/5/2017	12/27/2017	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59236-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59341-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59515-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59528-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/5/2017	12/27/2017	29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59530-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59156-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	12/6/2017	12/27/2017	2.9	2.2	68%	68%	2.09	24%	59%	0.0011	0.0011	0.0000
C-58854-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59476-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59499-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59728-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59780-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59812-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/6/2017	12/27/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59198-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	12/7/2017	12/27/2017	29.5	3.6	54%	68%	2.1	100%	0%	0.0477	0.0046	0.0431
C-59344-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/7/2017	12/27/2017	29.5	7	54%	68%	2.1	33%	57%	0.0159	0.0037	0.0122
C-59620-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	12/7/2017	12/27/2017	29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-59491-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/7/2017	12/27/2017	2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-59562-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2017	12/27/2017	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-59727-1A	Kern	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/7/2017	12/27/2017	14.5785	0	68%	68%	1.57	31%	51%	0.0054	0.0000	0.0054
C-59897-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/7/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60011-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/7/2017	12/27/2017	29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-59680-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/8/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59701-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2017	12/27/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59466-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59656-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	12/27/2017	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60003-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/12/2017	12/27/2017	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60010-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/12/2017	12/27/2017	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59073-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	12/13/2017	12/27/2017	2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-59471-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	12/27/2017	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57190-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		Non-Catalytic	TRUE	10/30/2017	1/3/2018	29.5	4	54%	68%	2.09	24%	59%	0.0115	0.0017	0.0098
C-58650-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2017	1/3/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58137-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic	TRUE	10/30/2017	1/9/2018	29.5	5.8	54%	68%	2.1	61%	38%	0.0290	0.0049	0.0241
C-57655-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	11/3/2017	1/9/2018	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-57582-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/18/2017	1/9/2018	22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-58682-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2017	1/9/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58388-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	12/22/2017	1/9/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-52092-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	9/13/2017	1/10/2018	29.5	5.2	54%	68%	1.15	61%	38%	0.0159	0.0024	0.0135
C-57623-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2017	1/10/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57914-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	FALSE	10/17/2017	1/10/2018	29.5	8	54%	68%	2.09	100%	0%	0.0475	0.0102	0.0373
C-51595-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	11/16/2017	1/10/2018	29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-59331-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	11/21/2017	1/10/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57580-1A	Madera	Wood-burning firebox	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	11/22/2017	1/10/2018	22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-58329-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	11/25/2017	1/10/2018		29.5	5.2	54%	68%	2.61	100%	0%	0.0593	0.0083	0.0510
C-58692-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic	TRUE	11/27/2017	1/10/2018		29.5	6.8	54%	68%	2.1	61%	38%	0.0290	0.0058	0.0232
C-59145-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59658-1A	Kern	Open Hearth Fireplace	Gas Fireplace				FALSE	12/1/2017	1/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59347-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/1/2017	1/10/2018		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59784-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/2/2017	1/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59197-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2017	1/10/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59569-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2017	1/10/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-58821-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59527-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/5/2017	1/10/2018		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59343-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/6/2017	1/10/2018		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59408-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2017	1/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59934-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/8/2017	1/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59477-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	12/10/2017	1/10/2018		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-57920-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	1/10/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59323-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	1/10/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59494-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56137-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/12/2017	1/10/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-59342-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	12/12/2017	1/10/2018		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57879-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				FALSE	12/12/2017	1/10/2018		2.9	0	68%	68%	1.15	100%	0%	0.0026	0.0000	0.0026
C-59171-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2017	1/10/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59405-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58914-1A	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	12/13/2017	1/10/2018		14.5785	0	68%	68%	1.15	100%	0%	0.0129	0.0000	0.0129
C-59270-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/10/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59358-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/10/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59622-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59740-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/10/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60002-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/10/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59579-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/14/2017	1/10/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-59813-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/14/2017	1/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59736-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	TRUE	12/14/2017	1/10/2018		29.5	8	54%	68%	2.61	33%	57%	0.0198	0.0053	0.0145
C-60112-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	12/14/2017	1/10/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59148-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/15/2017	1/10/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-60232-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2017	1/10/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60040-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/15/2017	1/10/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60202-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	12/15/2017	1/10/2018		22.7	2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59552-1A	Madera	Non-Certified Pellet Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/16/2017	1/10/2018		2.9	4.2	68%	68%	2.1	33%	57%	0.0016	0.0028	-0.0012
C-59803-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/16/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60104-1A	Fresno	Wood-burning firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/16/2017	1/10/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57458-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2017	1/10/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59584-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2017	1/10/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59777-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2017	1/10/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59683-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59937-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	1/10/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60056-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/19/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59535-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/20/2017	1/10/2018		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-59038-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	12/20/2017	1/10/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-59863-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	1/10/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59932-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/20/2017	1/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59739-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/21/2017	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60460-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	1/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60464-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/23/2017	1/10/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60346-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/26/2017	1/10/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60042-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/27/2017	1/10/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-60237-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/28/2017	1/10/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60318-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2018	1/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60506-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2018	1/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58118-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59062-1A	Fresno	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	11/7/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59334-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/13/2017	1/11/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-59059-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	1/11/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58965-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	11/28/2017	1/11/2018		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-56135-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59497-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/6/2017	1/11/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58449-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	12/9/2017	1/11/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59523-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2017	1/11/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-59999-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/11/2017	1/11/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59976-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	12/11/2017	1/11/2018		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-59762-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/12/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59625-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/13/2017	1/11/2018		22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-59764-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59901-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/13/2017	1/11/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59141-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	12/15/2017	1/11/2018		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-59802-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/15/2017	1/11/2018		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-60032-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2017	1/11/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59253-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2017	1/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59778-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2017	1/11/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60170-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/18/2017	1/11/2018		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-56206-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2017	1/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57082-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	10/20/2017	1/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57296-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/11/2017	1/18/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-59452-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2017	1/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59806-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	12/29/2017	1/18/2018		29.5	3.2	54%	68%	1.55	100%	0%	0.0352	0.0030	0.0322
C-59352-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	1/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57443-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	9/20/2017	1/22/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54702-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	9/21/2017	1/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58081-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2017	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58819-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58382-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	1/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-53347-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2017	1/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-58807-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/29/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59040-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2017	1/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58464-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/5/2017	1/23/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-59459-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2017	1/23/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-58873-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/6/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58818-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/8/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59133-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2017	1/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59587-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/11/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58695-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59626-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/14/2017	1/23/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-59644-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/14/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59583-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	12/14/2017	1/23/2018		29.5	7	54%	68%	2.67	68%	32%	0.0409	0.0082	0.0327
C-59030-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	73	Non-Catalytic	TRUE	12/15/2017	1/23/2018		29.5	3.4	54%	73%	2.61	33%	57%	0.0198	0.0021	0.0177
C-59686-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2017	1/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59763-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2017	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59581-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/15/2017	1/23/2018		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-59653-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/15/2017	1/23/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-59243-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60238-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2017	1/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59333-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59524-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	12/18/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59933-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/18/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59936-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/18/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59545-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2017	1/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59621-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60009-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60169-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2017	1/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58815-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/20/2017	1/23/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59359-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	1/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59457-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/20/2017	1/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59742-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	12/22/2017	1/23/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59681-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/23/2017	1/23/2018		29.5	8.2	54%	68%	2.1	53%	43%	0.0254	0.0063	0.0192
C-60368-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	12/23/2017	1/23/2018		22.7	2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60593-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	12/29/2017	1/23/2018		2.9	3	68%	76%	2.1	24%	59%	0.0011	0.0014	-0.0003
C-59977-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2018	1/23/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-60827-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/3/2018	1/23/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59783-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2018	1/23/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60416-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1			TRUE	1/6/2018	1/23/2018		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-60230-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61030-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/8/2018	1/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53941-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/27/2017	1/24/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-51691-2B	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/6/2017	1/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60168-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/22/2017	1/25/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-52563-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/15/2017	1/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-51839-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/22/2017	1/30/2018		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-58646-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.3		Non-Catalytic	FALSE	12/5/2017	1/30/2018		29.5	2.6	54%	68%	2.1	100%	0%	0.0477	0.0033	0.0444
C-60454-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/11/2018	1/30/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-58852-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	11/3/2017	2/1/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58871-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2017	2/1/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58812-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	12/2/2017	2/1/2018		29.5	9	54%	71%	2.1	100%	0%	0.0477	0.0111	0.0366
C-59338-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/5/2017	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59521-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/7/2017	2/1/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58488-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/13/2017	2/1/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59931-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/15/2017	2/1/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59760-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	12/17/2017	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-53195-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/18/2017	2/1/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-59557-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	12/18/2017	2/1/2018		2.9	3	68%	76%	2.1	61%	38%	0.0029	0.0029	0.0000
C-59238-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	2/1/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60115-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2017	2/1/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-59490-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59804-1A	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/20/2017	2/1/2018		2.9	3	68%	76%	2.1	100%	0%	0.0047	0.0043	0.0003
C-59729-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59744-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59926-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59927-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60523-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/20/2017	2/1/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60369-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/22/2017	2/1/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60623-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/9/2018	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60660-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2018	2/1/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59815-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	1/11/2018	2/1/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60317-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	1/11/2018	2/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60519-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/1/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-54762-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				FALSE	6/29/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58113-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/27/2017	2/6/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-58211-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	11/6/2017	2/6/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-58909-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	11/11/2017	2/6/2018		29.5	8.4	54%	68%	2.1	24%	59%	0.0115	0.0035	0.0080
C-58916-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/13/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59020-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2017	2/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59797-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2017	2/6/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59324-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	11/30/2017	2/6/2018		29.5	8.4	54%	68%	1.15	61%	38%	0.0159	0.0039	0.0120
C-58323-1A	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	12/5/2017	2/6/2018		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
C-59399-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/5/2017	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58581-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	12/6/2017	2/6/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58521-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2017	2/6/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59355-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2017	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58457-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	12/14/2017	2/6/2018		22.7	3.6	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59858-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	12/14/2017	2/6/2018		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-60119-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2		Non-Catalytic	TRUE	12/14/2017	2/6/2018		22.7	4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
C-60037-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/15/2017	2/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59124-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-60077-1A	Kern	Non-Certified Pellet Insert	Gas Insert				FALSE	12/16/2017	2/6/2018		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-60312-2B	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59761-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2017	2/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59572-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	12/18/2017	2/6/2018		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-60290-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/18/2017	2/6/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59708-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/6/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58883-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/21/2017	2/6/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-59678-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/21/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60402-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	2/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59404-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2017	2/6/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60028-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2017	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60467-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/26/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60263-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	12/27/2017	2/6/2018		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-60035-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/28/2017	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59586-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2018	2/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60452-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1	70	Non-Catalytic	FALSE	1/3/2018	2/6/2018		29.5	4.2	54%	70%	1.57	100%	0%	0.0357	0.0039	0.0317
C-57936-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	1/4/2018	2/6/2018		29.5	3.2	54%	68%	1.57	100%	0%	0.0357	0.0031	0.0326
C-60156-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2018	2/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60262-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2018	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59859-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2018	2/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60615-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2018	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60320-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/5/2018	2/6/2018		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-58813-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/7/2018	2/6/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-60380-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	1/9/2018	2/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59345-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2018	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59531-2B	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/11/2018	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60625-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2018	2/6/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60631-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2018	2/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60945-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/13/2018	2/6/2018		22.7	4.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
C-58683-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/15/2018	2/6/2018		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60041-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2018	2/6/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-61024-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/18/2018	2/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61028-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/18/2018	2/6/2018		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-60590-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	1/20/2018	2/6/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61003-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/20/2018	2/6/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58144-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	11/21/2017	2/7/2018		29.5	5.2	54%	68%	2.61	100%	0%	0.0593	0.0083	0.0510
C-58908-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/22/2017	2/7/2018		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59645-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/28/2017	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59679-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/5/2017	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58769-1A	San Joaquin	Open Hearth Fireplace	Freestanding Certified Wood Stove	1.1		Catalytic	TRUE	12/9/2017	2/7/2018		22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-59899-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/11/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59619-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59685-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60379-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/17/2017	2/7/2018		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
C-59319-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	2/7/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60504-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	2/7/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59866-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/19/2017	2/7/2018		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-59568-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	12/20/2017	2/7/2018		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59461-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59942-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	12/20/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60177-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	12/20/2017	2/7/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59512-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/21/2017	2/7/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59576-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/21/2017	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59682-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59707-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	12/21/2017	2/7/2018		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60048-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	2/7/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60345-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	12/21/2017	2/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59536-1A	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	12/22/2017	2/7/2018		2.9	3.6	68%	68%	2.1	100%	0%	0.0047	0.0058	-0.0011
C-59411-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	12/22/2017	2/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60089-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2017	2/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60165-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2017	2/7/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60265-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58898-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2017	2/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60410-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	TRUE	12/23/2017	2/7/2018		29.5	7.8	54%	68%	2.1	24%	59%	0.0115	0.0033	0.0083
C-60166-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2017	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60466-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	12/27/2017	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60635-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/27/2017	2/7/2018		22.7	2.2	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59938-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/28/2017	2/7/2018		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-59525-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	FALSE	12/29/2017	2/7/2018		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-60404-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	12/29/2017	2/7/2018		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-58976-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/2/2018	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59332-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/2/2018	2/7/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-59979-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/2/2018	2/7/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59582-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2018	2/7/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60412-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	1/13/2018	2/7/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61296-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/24/2018	2/7/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60524-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/26/2018	2/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61150-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2018	2/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61299-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/27/2018	2/7/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59175-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/14/2017	2/12/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-58772-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	11/21/2017	2/12/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-59659-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2017	2/12/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59129-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2017	2/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59263-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	12/12/2017	2/12/2018		2.9	2.2	68%	68%	2.61	100%	0%	0.0058	0.0044	0.0014
C-58357-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	2/12/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-60047-1A	Kern	Open Hearth Fireplace	Gas Fireplace				FALSE	12/18/2017	2/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59974-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	3.7		Non-Catalytic	FALSE	12/18/2017	2/12/2018		22.7	7.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-59403-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2017	2/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60653-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	12/21/2017	2/12/2018		29.5	7.2	54%	68%	2.1	33%	57%	0.0159	0.0038	0.0121
C-60163-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	12/22/2017	2/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-59351-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2017	2/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59798-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2017	2/12/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59807-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/29/2017	2/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59984-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	12/29/2017	2/12/2018		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
C-59453-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	1/2/2018	2/12/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-58212-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2018	2/12/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60167-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/2/2018	2/12/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60499-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2018	2/12/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59456-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2018	2/12/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60408-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/3/2018	2/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59585-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	1/6/2018	2/12/2018		22.7	3.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-60206-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2018	2/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58978-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	2/12/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60091-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	2/12/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60470-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/8/2018	2/12/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60372-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/10/2018	2/12/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-60114-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/12/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59928-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/23/2018	2/12/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61004-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	2/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58197-1A	Madera	Certified Wood Insert	Gas Insert				TRUE	11/7/2017	2/13/2018		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
C-59029-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	11/29/2017	2/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59412-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/1/2017	2/13/2018		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-59153-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2017	2/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59532-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	2/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60497-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/26/2017	2/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60361-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2017	2/13/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60007-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/28/2017	2/13/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-60164-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2017	2/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60618-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/10/2018	2/13/2018		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-60458-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/13/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60616-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/11/2018	2/13/2018		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-60746-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/25/2018	2/13/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60968-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/26/2018	2/13/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61632-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/30/2018	2/13/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61805-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/2/2018	2/13/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60054-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/16/2017	2/14/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-57960-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/20/2017	2/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58469-1A	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	11/27/2017	2/14/2018		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
C-53809-1A	Stanislaus	Non-Certified Pellet Insert	Gas Fireplace				TRUE	11/30/2017	2/14/2018		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-58857-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/14/2017	2/14/2018		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-58706-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/19/2017	2/14/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-58606-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2017	2/14/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57188-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	1/3/2018	2/14/2018		2.9	3.6	68%	68%	2.09	100%	0%	0.0047	0.0058	-0.0011
C-58389-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2018	2/14/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60507-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/6/2018	2/14/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59513-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2018	2/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58346-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	10/13/2017	2/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58508-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	10/25/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58778-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59474-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/1/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58459-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	12/6/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60295-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59684-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60300-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/22/2017	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60373-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2017	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60212-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	12/28/2017	2/20/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-58702-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	12/29/2017	2/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60560-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2017	2/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58235-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2018	2/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59978-1A	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	1/4/2018	2/20/2018		14.5785	0	68%	68%	1.15	61%	38%	0.0079	0.0000	0.0079
C-60352-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	1/7/2018	2/20/2018		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60592-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/8/2018	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60743-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/8/2018	2/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60285-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2018	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60563-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/10/2018	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59556-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60353-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2018	2/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60371-1A	Kings	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/11/2018	2/20/2018		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
C-61010-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/11/2018	2/20/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-60621-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1	70	Non-Catalytic	TRUE	1/11/2018	2/20/2018		29.5	4.2	54%	70%	1.57	31%	51%	0.0110	0.0015	0.0095
C-60617-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/12/2018	2/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60106-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2018	2/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60819-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3		Non-Catalytic	FALSE	1/13/2018	2/20/2018		29.5	6	54%	68%	2.1	100%	0%	0.0477	0.0077	0.0400
C-60845-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8	80	Catalytic	TRUE	1/13/2018	2/20/2018		22.7	3.6	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-60374-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2018	2/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60632-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/16/2018	2/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60562-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2018	2/20/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-60588-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2018	2/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58509-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/24/2017	2/21/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58747-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	11/3/2017	2/21/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58146-1A	Kern	Wood-burning firebox	Gas Fireplace				FALSE	11/5/2017	2/21/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58532-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2017	2/21/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59237-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2017	2/21/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-56513-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	12/5/2017	2/21/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59495-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	12/8/2017	2/21/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59853-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/8/2017	2/21/2018		22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-59516-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	12/11/2017	2/21/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58678-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	12/13/2017	2/21/2018		29.5	5.2	54%	68%	2.61	33%	57%	0.0198	0.0034	0.0163
C-59154-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/15/2017	2/21/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59940-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	FALSE	12/19/2017	2/21/2018		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-59935-1A	Kern	Certified Wood Insert	Gas Insert				TRUE	12/20/2017	2/21/2018	14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073	
C-58229-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.67		Non-Catalytic	FALSE	12/22/2017	2/21/2018	29.5	1.34	54%	68%	2.09	100%	0%	0.0475	0.0017	0.0458	
C-59980-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	12/22/2017	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60235-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/22/2017	2/21/2018	22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-60301-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2017	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-58573-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	12/29/2017	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-59896-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	1/4/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60814-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/4/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60468-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/5/2018	2/21/2018	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110	
C-60840-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-59152-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	1/8/2018	2/21/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-59462-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/10/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60581-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2018	2/21/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-58950-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/21/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60085-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60233-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	2/21/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60465-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/11/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60350-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60409-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/12/2018	2/21/2018	22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051	
C-59705-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2018	2/21/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60637-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/13/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60357-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60231-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	1/15/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60266-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/15/2018	2/21/2018	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115	
C-60946-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2018	2/21/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60966-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/15/2018	2/21/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-60742-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/16/2018	2/21/2018	29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110	
C-60508-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	1/16/2018	2/21/2018	29.5	7	54%	68%	2.1	33%	57%	0.0159	0.0037	0.0122	
C-60738-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/16/2018	2/21/2018	22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017	
C-60034-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2018	2/21/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60569-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	1/17/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60950-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2018	2/21/2018	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025	
C-60955-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/17/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-59144-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/18/2018	2/21/2018	22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-60737-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/18/2018	2/21/2018	22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012	
C-60284-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2018	2/21/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60833-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/18/2018	2/21/2018	29.5	8.2	54%	68%	2.1	53%	43%	0.0254	0.0063	0.0192	
C-60309-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/18/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60579-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	1/19/2018	2/21/2018	2.9	3.6	68%	68%	1.15	100%	0%	0.0026	0.0032	-0.0006	
C-59559-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	1/19/2018	2/21/2018	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017	
C-59923-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2018	2/21/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-61027-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	1/19/2018	2/21/2018	22.7	4.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017	
C-60117-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	1/20/2018	2/21/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60834-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	FALSE	1/22/2018	2/21/2018	22.7	6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051	
C-60052-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/21/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-59677-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2017	2/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-59543-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2017	2/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-59350-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	2/22/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028	
C-60576-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2018	2/22/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60831-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	2/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-60565-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/11/2018	2/22/2018	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115	
C-60375-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/12/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60113-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/15/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-61009-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	1/16/2018	2/22/2018	29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545	
C-61074-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2018	2/22/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028	
C-61154-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/16/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-59080-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/17/2018	2/22/2018	29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409	
C-61064-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/17/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-60952-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/18/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-61163-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2018	2/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-61444-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2018	2/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60666-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2018	2/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016	
C-61167-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	1/20/2018	2/22/2018	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017	
C-61070-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/22/2018	2/22/2018	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115	
C-60956-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/23/2018	2/22/2018	29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291	
C-60261-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	2/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60951-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	2/22/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60958-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	1/24/2018	2/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052	
C-61158-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/25/2018	2/22/2018	22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051	
C-61692-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/31/2018	2/22/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-61260-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.5		Non-Catalytic	TRUE	2/1/2018	2/22/2018	22.7	5	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-61427-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/3/2018	2/22/2018	22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-61750-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/3/2018	2/22/2018	22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012	
C-61479-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	2/22/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-60083-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2018	2/23/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-51660-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	11/29/2017	2/26/2018	22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050	
C-59567-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2017	2/26/2018	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035	
C-50020-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2017	2/26/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-59137-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/4/2018	2/26/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-58781-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/5/2018	2/26/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60548-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	1/9/2018	2/26/2018	29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364	
C-60055-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/10/2018	2/26/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-59322-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2018	2/26/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-59554-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.1	70	Non-Catalytic	TRUE	1/18/2018	2/26/2018	22.7	2.2	7%	70%	0.299465	68%	32%	0.0035	0.0000	0.0035	
C-59981-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	1/18/2018	2/26/2018	29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364	
C-61007-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2018	2/26/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032	
C-60554-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2018	2/26/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028	
C-60739-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	1/23/2018	2/26/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028	
C-61161-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2018	2/26/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013	
C-61021-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	1/25/2018	2/26/2018	29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086	

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-61086-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	1/25/2018	2/26/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61501-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2018	2/26/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60370-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	1/27/2018	2/26/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61013-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/27/2018	2/26/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-61079-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/27/2018	2/26/2018		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-60964-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/29/2018	2/26/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61153-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/29/2018	2/26/2018		22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-60500-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	2/2/2018	2/26/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61448-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	2/3/2018	2/26/2018		22.7	6	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-61430-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	2/26/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61813-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/7/2018	2/26/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-61569-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/8/2018	2/26/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60957-1A	Merced	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/9/2018	2/26/2018		29.5	5.2	54%	68%	2.1	68%	32%	0.0322	0.0048	0.0274
C-60505-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2018	2/26/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61002-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	2/10/2018	2/26/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60962-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2018	2/27/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-54767-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2017	3/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53874-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2017	3/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58200-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	11/30/2017	3/6/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59397-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	12/5/2017	3/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58900-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	12/14/2017	3/6/2018		29.5	8.2	54%	68%	2.61	100%	0%	0.0593	0.0131	0.0462
C-59811-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/15/2017	3/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60986-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	1/8/2018	3/6/2018		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
C-59450-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/31/2018	3/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59982-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2018	3/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60589-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2018	3/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-55571-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	11/18/2017	3/7/2018		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-61818-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2018	3/7/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61815-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/13/2018	3/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60822-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/14/2018	3/7/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61814-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/15/2018	3/7/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-61807-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/16/2018	3/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61812-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61991-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61769-1A	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	2/17/2018	3/7/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61810-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/19/2018	3/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61696-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/20/2018	3/7/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61952-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/20/2018	3/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61992-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2018	3/7/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61914-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/21/2018	3/7/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62137-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	2/23/2018	3/7/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62016-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/24/2018	3/7/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59121-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	11/10/2017	3/13/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58776-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58911-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2017	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57995-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4		Non-Catalytic	FALSE	11/17/2017	3/13/2018		29.5	8	54%	68%	1.15	100%	0%	0.0261	0.0056	0.0205
C-58810-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/19/2017	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59317-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	FALSE	11/21/2017	3/13/2018		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58907-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/5/2017	3/13/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-59570-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	12/7/2017	3/13/2018		29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-59326-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2017	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59493-2B	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/18/2017	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59132-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	12/19/2017	3/13/2018		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-59726-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/20/2017	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59801-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2017	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60414-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	12/20/2017	3/13/2018		29.5	3.6	54%	68%	2.67	68%	32%	0.0409	0.0042	0.0367
C-58112-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/21/2017	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59203-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2017	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60078-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	12/27/2017	3/13/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-59800-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2017	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59943-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/29/2017	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60624-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2018	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59973-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.2		Non-Catalytic	FALSE	1/6/2018	3/13/2018		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-60469-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/8/2018	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60038-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/9/2018	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60661-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.5	75	Non-Catalytic	TRUE	1/9/2018	3/13/2018		2.9	3	68%	75%	1.15	61%	38%	0.0016	0.0016	0.0000
C-61008-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/10/2018	3/13/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60260-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/11/2018	3/13/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-60735-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2018	3/13/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-61020-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic	FALSE	1/11/2018	3/13/2018		29.5	6.8	54%	68%	2.1	100%	0%	0.0477	0.0087	0.0390
C-60555-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/12/2018	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60577-1A	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/13/2018	3/13/2018		29.5	4.2	54%	68%	2.1	53%	43%	0.0254	0.0032	0.0222
C-60116-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				FALSE	1/20/2018	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59697-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2018	3/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60208-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/22/2018	3/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60551-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2018	3/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-59706-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/23/2018	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59616-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	3/13/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-59654-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	3/13/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60282-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/25/2018	3/13/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60947-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2018	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60525-1A	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	1/26/2018	3/13/2018		2.9	2.6	68%	68%	2.1	100%	0%	0.0047	0.0042	0.0005
C-60585-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	1/26/2018	3/13/2018		22.7	1.16	7%	80%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-60276-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2018	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60549-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/26/2018	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60846-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1	70	Non-Catalytic	TRUE	1/26/2018	3/13/2018		22.7	2.2	7%	70%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60407-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/27/2018	3/13/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-61019-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2018	3/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60111-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	3/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61000-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2018	3/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-60561-1A	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	2/7/2018	3/13/2018		29.5	2.2	54%	68%	2.1	33%	57%	0.0159	0.0012	0.0147
C-57990-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2017	3/14/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59275-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/20/2017	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59779-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	FALSE	12/21/2017	3/14/2018		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59765-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59808-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2018	3/14/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60553-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2018	3/14/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59340-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				FALSE	1/18/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60614-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	1/19/2018	3/14/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-60351-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	FALSE	1/19/2018	3/14/2018		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-60634-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/19/2018	3/14/2018		29.5	8.2	54%	68%	2.1	33%	57%	0.0159	0.0043	0.0116
C-61017-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2018	3/14/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60943-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/21/2018	3/14/2018		2.9	4.2	68%	68%	2.1	24%	59%	0.0011	0.0022	-0.0011
C-61203-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	1/23/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61063-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/24/2018	3/14/2018		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-61209-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61060-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61081-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2018	3/14/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-61453-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/25/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61085-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	FALSE	1/25/2018	3/14/2018		29.5	6.4	54%	74%	2.4	100%	0%	0.0545	0.0086	0.0459
C-61160-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61401-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2018	3/14/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61213-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.8	73	Non-Catalytic	FALSE	1/26/2018	3/14/2018		29.5	7.6	54%	73%	2.4	100%	0%	0.0545	0.0104	0.0441
C-59409-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	1/29/2018	3/14/2018		29.5	3.8	54%	68%	2.1	33%	57%	0.0159	0.0020	0.0139
C-60670-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/29/2018	3/14/2018		22.7	8.4	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-59413-1A	Fresno	Certified Wood Insert	Gas Insert				FALSE	1/29/2018	3/14/2018		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-61073-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	1/29/2018	3/14/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61195-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/29/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61254-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61466-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2018	3/14/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61152-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61208-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/30/2018	3/14/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-61474-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61291-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	1/30/2018	3/14/2018		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
C-61014-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	1/31/2018	3/14/2018		22.7	6.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-61255-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61256-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61636-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2018	3/14/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60568-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/1/2018	3/14/2018		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-60628-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/1/2018	3/14/2018		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-61257-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61390-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	3/14/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61432-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	2/1/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61475-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61709-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic	FALSE	2/1/2018	3/14/2018		29.5	7.2	54%	74%	2.61	100%	0%	0.0593	0.0106	0.0487
C-61011-1A	Kern	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	FALSE	2/2/2018	3/14/2018		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-59972-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61425-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	FALSE	2/2/2018	3/14/2018		29.5	4.2	54%	68%	2.4	100%	0%	0.0545	0.0062	0.0484
C-60582-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61506-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61699-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61708-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	2/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61628-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61700-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	2/3/2018	3/14/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60745-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61151-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61261-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61459-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61640-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61701-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/14/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60815-1A	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	2/6/2018	3/14/2018		2.9	2.6	68%	68%	2.1	100%	0%	0.0047	0.0042	0.0005
C-61759-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	2/7/2018	3/14/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61510-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61706-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	2/8/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61755-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/8/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61493-1A	Kern	Open Hearth Fireplace	Freestanding Certified Wood Stove	4.3		Non-Catalytic	FALSE	2/12/2018	3/14/2018		22.7	8.6	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-61758-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/12/2018	3/14/2018		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-61965-1A	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	2/12/2018	3/14/2018		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
C-61497-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	2/13/2018	3/14/2018		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
C-61876-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/13/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61006-1A	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	FALSE	2/28/2018	3/14/2018		29.5	3	54%	70%	2.1	100%	0%	0.0477	0.0037	0.0440
C-62018-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/2/2018	3/14/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62316-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2018	3/14/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61809-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	3/5/2018	3/14/2018		29.5	6.8	54%	68%	1.55	54%	44%	0.0191	0.0039	0.0152
C-52865-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/7/2018	3/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58353-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	3/14/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-57227-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	9/5/2017	3/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59558-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/4/2017	3/15/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-58699-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	12/8/2017	3/15/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57232-1A	Merced	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	12/23/2017	3/15/2018		14.5785	0	68%	68%	2.67	100%	0%	0.0300	0.0000	0.0300
C-61197-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	1/22/2018	3/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-35961-2B	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	1/26/2018	3/15/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-57646-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	1/26/2018	3/15/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60088-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	1/28/2018	3/15/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-62020-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/7/2018	3/15/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62078-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	3/7/2018	3/15/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62077-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	3/9/2018	3/15/2018		29.5	3.2	54%	73%	2.1	100%	0%	0.0477	0.0038	0.0439
C-57382-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	FALSE	10/25/2018	3/15/2018		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-58729-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	12/5/2017	3/20/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-59027-1A	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1	70	Non-Catalytic	TRUE	12/15/2017	3/20/2018		2.9	2.2	68%	70%	2.1	24%	59%	0.0011	0.0011	0.0000

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-59415-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	12/19/2017	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60558-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	1/5/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60557-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2018	3/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60076-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/11/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59406-1A	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/23/2018	3/20/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-59782-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	1/23/2018	3/20/2018		22.7	3.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-60348-1A	Stanislaus	Wood-burning firebox	Gas Insert				FALSE	1/25/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58846-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2018	3/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61294-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/31/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60455-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59724-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/7/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61199-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	2/7/2018	3/20/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-61478-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61576-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61657-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	2/8/2018	3/20/2018		22.7	3.8	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-59809-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2018	3/20/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60842-2B	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	2/9/2018	3/20/2018		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-61222-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61573-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61754-1A	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/9/2018	3/20/2018		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-60736-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60841-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/10/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60836-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/12/2018	3/20/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-61308-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/12/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61447-1A	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	2/12/2018	3/20/2018		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
C-61476-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61574-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/12/2018	3/20/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-61577-1A	Tulare	Certified Pellet Insert	Gas Insert				TRUE	2/12/2018	3/20/2018		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
C-58510-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60839-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61071-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61368-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61431-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61884-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/13/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61194-2B	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/14/2018	3/20/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-61760-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	2/14/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61964-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2018	3/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61212-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	2/15/2018	3/20/2018		29.5	8.4	54%	68%	2.4	100%	0%	0.0545	0.0123	0.0422
C-59810-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	2/15/2018	3/20/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-61450-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/15/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61753-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/15/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61993-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2018	3/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61508-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	2/16/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61762-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61871-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61370-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2018	3/20/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-61875-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2018	3/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62075-1A	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				FALSE	2/20/2018	3/20/2018		2.9	0	68%	68%	1.15	100%	0%	0.0026	0.0000	0.0026
C-58985-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2018	3/20/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-61763-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	2/22/2018	3/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61076-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	2/24/2018	3/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61505-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2018	3/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62550-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/11/2018	3/20/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62183-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	3/13/2018	3/20/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-58461-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		Catalytic	TRUE	11/2/2017	3/21/2018		22.7	4.6	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-49835-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3	71	Non-Catalytic	FALSE	11/29/2017	3/21/2018		29.5	6	54%	71%	2.67	100%	0%	0.0606	0.0094	0.0513
C-58349-1A	Merced	Certified Pellet Insert	Gas Insert				FALSE	12/6/2017	3/21/2018		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-60967-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2018	3/21/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57523-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/30/2018	3/21/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61067-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	2/7/2018	3/21/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61400-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	2/8/2018	3/21/2018		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-61295-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	2/9/2018	3/21/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-60298-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/30/2018	3/22/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-55683-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/19/2017	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57476-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	10/13/2017	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-57293-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	FALSE	10/20/2017	3/28/2018		22.7	6.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-59939-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	FALSE	12/14/2017	3/28/2018		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
C-60013-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2017	3/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59269-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	12/21/2017	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60216-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2017	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61201-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	1/23/2018	3/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60578-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2018	3/28/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-60302-1A	Tulare	Open Hearth Fireplace	Freestanding Certified Wood Stove	3	73	Non-Catalytic	TRUE	1/29/2018	3/28/2018		22.7	6	7%	73%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-60550-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	1/31/2018	3/28/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60343-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	3/28/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61069-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61470-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2018	3/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59172-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				FALSE	2/6/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60030-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	2/7/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58853-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60571-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1	81	Catalytic	FALSE	2/9/2018	3/28/2018		29.5	2.2	54%	81%	2.67	100%	0%	0.0606	0.0030	0.0576
C-61570-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	2/9/2018	3/28/2018		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-60211-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	2/10/2018	3/28/2018		22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-60835-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60658-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	2/16/2018	3/28/2018		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-60527-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61504-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2018	3/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61913-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59805-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61226-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-61642-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61698-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61912-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62071-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62131-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	2/21/2018	3/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62015-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3	73	Non-Catalytic	FALSE	2/21/2018	3/28/2018		29.5	6	54%	73%	2.4	100%	0%	0.0545	0.0082	0.0463
C-61083-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2018	3/28/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-61704-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61967-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	2/22/2018	3/28/2018		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-60160-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2018	3/28/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61631-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2018	3/28/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-61771-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	2/23/2018	3/28/2018		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61654-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/26/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62026-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61885-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61909-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60258-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/28/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61571-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2018	3/28/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62132-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/28/2018	3/28/2018		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-62180-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/28/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62223-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2018	3/28/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-61005-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	FALSE	3/1/2018	3/28/2018		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-61705-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/1/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62267-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/1/2018	3/28/2018		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
C-61374-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	3/2/2018	3/28/2018		29.5	3.6	54%	68%	2.61	33%	57%	0.0198	0.0024	0.0174
C-62408-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/2/2018	3/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61473-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2018	3/28/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62182-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/5/2018	3/28/2018		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-62294-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60462-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	3/12/2018	3/28/2018		29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-62037-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	3/12/2018	3/28/2018		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-62422-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2018	3/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62073-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/16/2018	3/28/2018		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
C-62512-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/17/2018	3/28/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-62517-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2018	3/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62514-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/18/2018	3/28/2018		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-58872-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	11/17/2017	4/2/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59503-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/8/2017	4/2/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60311-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2017	4/2/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60171-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2018	4/2/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60498-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2018	4/2/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60556-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2018	4/2/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-60057-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/13/2018	4/2/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58915-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	1/23/2018	4/2/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60234-1A	Kern	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic	TRUE	1/29/2018	4/2/2018		22.7	8.8	7%	68%	0.299465	31%	51%	0.0016	0.0001	0.0015
C-60178-1A	Kern	Certified Pellet Insert	Gas Fireplace				FALSE	2/2/2018	4/2/2018		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
C-60633-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2018	4/2/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-53361-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	3/25/2018	4/2/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62956-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/25/2018	4/2/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-57587-2B	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2017	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-56609-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	10/17/2017	4/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58452-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	11/19/2017	4/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60636-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61468-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61702-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	4/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58381-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic	TRUE	2/7/2018	4/3/2018		22.7	3	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-61580-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2018	4/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61200-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	2/16/2018	4/3/2018		2.9	2.2	68%	68%	2.1	61%	38%	0.0029	0.0024	0.0005
C-61463-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/22/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61567-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/22/2018	4/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61572-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2018	4/3/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-61772-1A	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic	FALSE	2/22/2018	4/3/2018		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-61084-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2018	4/3/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60471-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/27/2018	4/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61477-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	2/28/2018	4/3/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61080-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	2/28/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62019-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	2/28/2018	4/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61870-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	3/1/2018	4/3/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-62139-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/1/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61957-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/2/2018	4/3/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-62231-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/2/2018	4/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61908-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/5/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61953-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/5/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61994-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2018	4/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61954-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2018	4/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62306-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/6/2018	4/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62318-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2018	4/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60411-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/7/2018	4/3/2018		22.7	8.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-60086-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/7/2018	4/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60627-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2018	4/3/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-61165-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2018	4/3/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62592-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	FALSE	3/9/2018	4/3/2018		29.5	2	54%	68%	2.1	100%	0%	0.0477	0.0026	0.0451
C-61907-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic	TRUE	3/14/2018	4/3/2018		22.7	7.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-62441-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/14/2018	4/3/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62547-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	3/15/2018	4/3/2018		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
C-61062-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	3/16/2018	4/3/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-62321-1A	Tulare	Open Hearth Fireplace	Freestanding Certified Wood Stove	3	73	Non-Catalytic	FALSE	3/16/2018	4/3/2018		22.7	6	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62423-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2018	4/3/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62513-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/23/2018	4/3/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-62515-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2018	4/3/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-62023-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/14/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62649-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/16/2018	4/10/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62034-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.4	72	Non-Catalytic	FALSE	3/20/2018	4/10/2018		2.9	2.8	68%	72%	2.61	100%	0%	0.0058	0.0053	0.0005
C-62554-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/20/2018	4/10/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62651-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/22/2018	4/10/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62761-1A	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/22/2018	4/10/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61399-2B	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/28/2018	4/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62293-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	4/10/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62305-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	3/28/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62417-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61454-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	3/30/2018	4/10/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62505-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	3/30/2018	4/10/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62777-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	3/30/2018	4/10/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62416-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62503-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62885-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	4/10/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-44580-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/1/2016	4/11/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-55601-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	12/18/2017	4/11/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59561-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2017	4/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60173-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2017	4/11/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59519-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2017	4/11/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60358-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/10/2018	4/11/2018		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-58230-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/12/2018	4/11/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59140-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2018	4/11/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60278-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/14/2018	4/11/2018		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
C-62905-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/30/2018	4/11/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61481-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	2/20/2018	4/17/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61756-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	FALSE	2/22/2018	4/17/2018		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-61703-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2018	4/17/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61749-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/26/2018	4/17/2018		29.5	8.4	54%	68%	2.61	33%	57%	0.0198	0.0055	0.0142
C-60575-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/2/2018	4/17/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62177-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/3/2018	4/17/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62409-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/6/2018	4/17/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62135-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	3/7/2018	4/17/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62295-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2018	4/17/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62411-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/8/2018	4/17/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62181-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/9/2018	4/17/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61012-1A	Fresno	Certified Wood Insert	Gas Insert				FALSE	3/12/2018	4/17/2018		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-62621-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62620-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/14/2018	4/17/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62317-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/15/2018	4/17/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-62319-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/15/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62511-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/15/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62498-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic	FALSE	3/15/2018	4/17/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-62539-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	3/15/2018	4/17/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-61502-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62040-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2018	4/17/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62591-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/19/2018	4/17/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62762-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/29/2018	4/17/2018		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
C-62857-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/30/2018	4/17/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62854-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/3/2018	4/17/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-63120-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62134-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2018	4/17/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62958-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2018	4/17/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60366-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	1/8/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59734-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	1/11/2018	4/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60027-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	1/12/2018	4/18/2018		29.5	2.2	54%	68%	2.09	100%	0%	0.0475	0.0028	0.0447
C-61078-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2018	4/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59517-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	1/31/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61253-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61770-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/7/2018	4/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61651-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60829-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	2/12/2018	4/18/2018		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-59944-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2018	4/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61443-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/19/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59489-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2018	4/18/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-59455-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60102-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	2/27/2018	4/18/2018		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-60668-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/8/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62326-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/10/2018	4/18/2018		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-59946-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	FALSE	3/12/2018	4/18/2018		29.5	8.4	54%	68%	2.61	100%	0%	0.0593	0.0134	0.0459
C-60559-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	3/12/2018	4/18/2018		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-61168-1A	Madera	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	3/13/2018	4/18/2018		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61223-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62588-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/19/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61995-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2018	4/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62754-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2018	4/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62021-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3		Non-Catalytic	FALSE	3/21/2018	4/18/2018		29.5	6	54%	68%	2.09	100%	0%	0.0475	0.0077	0.0398
C-62537-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2018	4/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61579-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Catalytic	TRUE	3/22/2018	4/18/2018		29.5	2.2	54%	68%	2.4	53%	43%	0.0291	0.0019	0.0272
C-60286-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2018	4/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62548-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/22/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62689-1A	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	3/22/2018	4/18/2018		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-62758-1A	Kern	Wood-burning firebox	Gas Fireplace				FALSE	3/22/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62178-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/25/2018	4/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62032-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	4/3/2018	4/18/2018		29.5	7.8	54%	68%	1.15	61%	38%	0.0159	0.0036	0.0123
C-61395-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	4/18/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-57079-1A	Merced	Wood-Burning Firebox	Certified Wood Insert	0.58	80	Catalytic	FALSE	10/23/2018	4/18/2018		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60228-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	FALSE	1/24/2018	4/24/2018		22.7	6.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61289-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		Non-Catalytic	TRUE	1/29/2018	4/24/2018		29.5	1.96	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-58961-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	4/24/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58963-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	4/24/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61575-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	2/8/2018	4/24/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61581-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/9/2018	4/24/2018		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-61650-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/1/2018	4/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61025-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2018	4/24/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61961-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/9/2018	4/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62323-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/16/2018	4/24/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62448-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	3/16/2018	4/24/2018		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
C-62778-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	3/19/2018	4/24/2018		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-60573-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2018	4/24/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60594-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2018	4/24/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62307-1A	Kings	Wood-burning firebox	Gas Insert				FALSE	3/23/2018	4/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62412-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2018	4/24/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63042-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	0.58	80	Catalytic	FALSE	3/26/2018	4/24/2018		29.5	1.16	54%	80%	2.1	100%	0%	0.0477	0.0013	0.0464
C-62831-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/28/2018	4/24/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62596-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/29/2018	4/24/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62655-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2018	4/24/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60700-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2018	5/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-60817-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	2/1/2018	5/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60665-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/6/2018	5/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61950-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/8/2018	5/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61207-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	2/20/2018	5/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61303-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	2/20/2018	5/3/2018		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
C-59769-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2018	5/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59774-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	3/16/2018	5/3/2018		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-59458-1A	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	TRUE	3/22/2018	5/3/2018		2.9	3.6	68%	68%	2.09	24%	59%	0.0011	0.0019	-0.0008
C-61987-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2018	5/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62632-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2018	5/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-59143-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2018	5/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62425-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2018	5/3/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-61757-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/26/2018	5/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62768-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2018	5/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62299-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/27/2018	5/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62340-1A	Madera	Wood-burning firebox	Certified Wood Insert	3.5		Non-Catalytic	FALSE	3/27/2018	5/3/2018		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61471-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/28/2018	5/3/2018		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-62766-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	5/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62765-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	3/29/2018	5/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60090-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2018	5/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58856-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	4/3/2018	5/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62693-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2018	5/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63124-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/5/2018	5/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62906-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2018	5/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63547-1A	Kings	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	4/14/2018	5/3/2018		22.7	4.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-63603-1A	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	4/21/2018	5/3/2018		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-51084-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/7/2017	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-58905-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2017	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-58845-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	74	Non-Catalytic	FALSE	12/1/2017	5/8/2018		29.5	4.6	54%	74%	2.09	100%	0%	0.0475	0.0054	0.0421
C-60544-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	12/29/2017	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59329-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60838-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-59205-1A	San Joaquin	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	2/19/2018	5/8/2018		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
C-61364-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	2/21/2018	5/8/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61960-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2018	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61951-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2018	5/8/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62254-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2018	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59239-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61956-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/23/2018	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61963-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	3/23/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62819-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61075-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/26/2018	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62895-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/27/2018	5/8/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-62553-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	5/8/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62642-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2018	5/8/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63056-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	4/3/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63125-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/3/2018	5/8/2018		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-63058-1A	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	4/3/2018	5/8/2018		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
C-61293-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62862-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2018	5/8/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63123-1A	San Joaquin	Wood-burning firebox	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/4/2018	5/8/2018		22.7	5.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-62594-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	4/5/2018	5/8/2018		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-63062-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2018	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63121-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	4/5/2018	5/8/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62775-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	4/6/2018	5/8/2018		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
C-63247-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63250-1A	Kern	Wood-burning firebox	Gas Insert				FALSE	4/9/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62300-1A	Kings	Wood-burning firebox	Gas Insert				FALSE	4/10/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62598-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2018	5/8/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-63266-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/10/2018	5/8/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-63349-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	4/10/2018	5/8/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63350-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2018	5/8/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62322-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63076-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2018	5/8/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63573-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2018	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63399-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	4/13/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63401-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2018	5/8/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62324-2B	Madera	Open Hearth Fireplace	Gas Insert				FALSE	4/21/2018	5/8/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62506-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	4/23/2018	5/8/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62845-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	4/23/2018	5/8/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-55140-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	9/28/2017	5/9/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-60583-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	1/10/2018	5/9/2018		2.9	2.6	68%	68%	2.1	100%	0%	0.0047	0.0042	0.0005
C-61919-1A	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				FALSE	1/23/2018	5/9/2018		2.9	0	68%	68%	2.67	100%	0%	0.0060	0.0000	0.0060
C-61302-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	2/6/2018	5/9/2018		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
C-61369-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	TRUE	3/2/2018	5/9/2018		22.7	6.4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-62690-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		Non-Catalytic	FALSE	3/6/2018	5/9/2018		29.5	4	54%	72%	1.55	100%	0%	0.0352	0.0036	0.0316
C-62209-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/22/2018	5/9/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-62133-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2018	5/9/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62508-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	3/27/2018	5/9/2018		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62701-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	5/9/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62296-1A	Madera	Wood-burning firebox	Gas Insert				TRUE	4/3/2018	5/9/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-62898-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	4/3/2018	5/9/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-61878-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	4/4/2018	5/9/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62445-1A	Tulare	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.2		Non-Catalytic	FALSE	4/4/2018	5/9/2018		22.7	6.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62901-1A	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	4/5/2018	5/9/2018		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
C-62843-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2018	5/9/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62773-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	4/9/2018	5/9/2018		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-62774-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	4/9/2018	5/9/2018		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-62696-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2018	5/9/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62771-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	4/13/2018	5/9/2018		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61469-1A	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/20/2018	5/9/2018		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-63068-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/23/2018	5/9/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60449-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2018	5/9/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62504-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	4/25/2018	5/9/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61915-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	4/26/2018	5/9/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62415-1A	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	4/27/2018	5/9/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63707-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/28/2018	5/9/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-62699-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/30/2018	5/9/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59615-1A	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5		Non-Catalytic	TRUE	11/25/2017	5/15/2018		29.5	3	54%	76%	2.1	53%	43%	0.0254	0.0020	0.0234
C-61365-1A	Kings	Wood-burning firebox	Gas Insert				TRUE	1/30/2018	5/15/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-60200-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2018	5/15/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61641-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/9/2018	5/15/2018		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-61765-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	3/10/2018	5/15/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62650-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2018	5/15/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62452-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	3/21/2018	5/15/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-62622-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	3/26/2018	5/15/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-62436-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		Catalytic	FALSE	3/26/2018	5/15/2018		22.7	4.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-61633-1A	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/27/2018	5/15/2018		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
C-62842-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/27/2018	5/15/2018		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-62447-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2018	5/15/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60354-1A	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	3/30/2018	5/15/2018		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
C-62074-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2018	5/15/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62297-1A	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	3/30/2018	5/15/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-63117-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	4/2/2018	5/15/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62688-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/5/2018	5/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62932-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/6/2018	5/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62995-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	4/6/2018	5/15/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62832-1A	Fresno	Wood-burning firebox	Gas Insert				FALSE	4/11/2018	5/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62841-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/11/2018	5/15/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-62954-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2018	5/15/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63122-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2018	5/15/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62698-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/13/2018	5/15/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-63067-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	1.8		Catalytic	FALSE	4/13/2018	5/15/2018		22.7	3.6	7%	80%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-63356-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/15/2018	5/15/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57933-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2018	5/15/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63310-1A	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	4/16/2018	5/15/2018		29.5	3.2	54%	68%	1.16	48%	48%	0.0125	0.0012	0.0113
C-63081-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/18/2018	5/15/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-63178-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	4/18/2018	5/15/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62982-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2018	5/15/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61877-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5		Non-Catalytic	FALSE	4/20/2018	5/15/2018		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
C-62889-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	4/23/2018	5/15/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60626-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2018	5/22/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60622-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/1/2018	5/22/2018		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-60362-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	3/23/2018	5/22/2018		22.7	7.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
C-53187-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	3/27/2018	5/22/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62964-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	4/9/2018	5/22/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63053-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.45		Catalytic	FALSE	4/9/2018	5/22/2018		29.5	0.9	54%	80%	2.61	100%	0%	0.0593	0.0012	0.0581
C-59039-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/14/2018	5/22/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60630-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	4/14/2018	5/22/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-58734-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2018	5/22/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62983-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/24/2018	5/22/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-60161-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/25/2018	5/22/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63203-1A	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	4/25/2018	5/22/2018		22.7	2.2	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-63775-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/28/2018	5/22/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62953-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	4/30/2018	5/22/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-62823-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	5/9/2018	5/22/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-59077-1A	Kings	Non-Certified Wood Insert	Certified Wood Insert	1.3		Catalytic	FALSE	12/28/2018	5/22/2018		29.5	2.6	54%	79%	2.1	100%	0%	0.0477	0.0029	0.0448
C-60157-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61015-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/14/2018	5/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62199-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	FALSE	3/3/2018	5/23/2018		22.7	6.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61693-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/6/2018	5/23/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-62813-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	3/23/2018	5/23/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-60355-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62867-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	4/6/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-58980-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62864-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	4/10/2018	5/23/2018		2.9	2.6	68%	68%	2.1	61%	38%	0.0029	0.0028	0.0001
C-61204-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2018	5/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63205-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62770-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	4/18/2018	5/23/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-61061-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63381-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/19/2018	5/23/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-61874-1A	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	4/20/2018	5/23/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-62039-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/20/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63241-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62628-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	4/23/2018	5/23/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-63254-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	4/23/2018	5/23/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62703-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	4/24/2018	5/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63357-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63446-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2018	5/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62516-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	4/27/2018	5/23/2018		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
C-62692-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	4/27/2018	5/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62955-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	4/27/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62967-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63787-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2018	5/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63243-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	4/28/2018	5/23/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-63074-1A	San Joaquin	Wood-burning firebox	Gas Fireplace				TRUE	4/30/2018	5/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63398-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2018	5/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62439-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	TRUE	5/1/2018	5/23/2018		29.5	3.8	54%	68%	2.1	33%	57%	0.0159	0.0020	0.0139
C-61873-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2018	5/23/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63788-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	5/1/2018	5/23/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63453-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	5/2/2018	5/23/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63626-1A	Fresno	Wood-burning firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/3/2018	5/23/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-63943-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	5/4/2018	5/23/2018		22.7	9	7%	75%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-62203-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64020-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2018	5/23/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62551-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2018	5/23/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62283-1A	Merced	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	5/10/2018	5/23/2018		22.7	8.8	7%	68%	0.299465	68%	32%	0.0035	0.0002	0.0034
C-62844-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	FALSE	4/30/2018	5/29/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-60669-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5	76	Non-Catalytic	TRUE	5/3/2018	5/29/2018		29.5	7	54%	76%	2.09	24%	59%	0.0115	0.0026	0.0089
C-61495-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	5/13/2018	5/29/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62644-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	5/15/2018	5/29/2018		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62502-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/16/2018	5/29/2018		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-63986-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/19/2018	5/29/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59930-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/26/2018	6/1/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62076-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	4/18/2018	6/4/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63061-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	4/23/2018	6/4/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62184-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic	FALSE	4/25/2018	6/4/2018		22.7	6.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-63063-1A	Madera	Wood-burning firebox	Gas Insert				FALSE	4/26/2018	6/4/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63778-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	5/3/2018	6/4/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-61882-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2018	6/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63353-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2018	6/4/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63988-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/7/2018	6/4/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61304-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/9/2018	6/4/2018		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-63784-1A	Tulare	Certified Wood Insert	Gas Insert				TRUE	5/10/2018	6/4/2018		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
C-60029-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2017	6/5/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60044-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	1/25/2018	6/5/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60118-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2018	6/5/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-58977-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	2/2/2018	6/5/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61258-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/21/2018	6/5/2018		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-62342-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	3/2/2018	6/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62286-1A	Merced	Wood-burning firebox	Gas Insert				TRUE	3/21/2018	6/5/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-62957-1A	San Joaquin	Wood-burning firebox	Certified Wood Insert	4.2		Non-Catalytic	TRUE	3/29/2018	6/5/2018		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-62888-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2018	6/5/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-60155-1A	Stanislaus	Wood-Burning Firebox	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	4/11/2018	6/5/2018		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63211-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	4/27/2018	6/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62224-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	5/7/2018	6/5/2018		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-63782-1A	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/7/2018	6/5/2018		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-63628-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	5/8/2018	6/5/2018		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
C-63709-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2018	6/5/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63588-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/9/2018	6/5/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
C-62871-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	5/10/2018	6/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63129-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2018	6/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63257-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2018	6/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63492-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1		Non-Catalytic	TRUE	5/11/2018	6/5/2018		2.9	2	68%	68%	2.61	33%	57%	0.0019	0.0017	0.0003
C-63859-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.8		Non-Catalytic	FALSE	5/14/2018	6/5/2018		22.7	7.6	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61959-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic	FALSE	5/16/2018	6/5/2018		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
C-64185-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	5/17/2018	6/5/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-59204-1A	Madera	Open Hearth Fireplace	Gas Insert				FALSE	5/23/2018	6/5/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64181-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2018	6/5/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-52907-2B	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/20/2017	6/6/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60036-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2017	6/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62653-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2018	6/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62624-1A	Fresno	Certified Wood Insert	Gas Insert				TRUE	5/9/2018	6/6/2018		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-60363-1A	Fresno	Wood-burning firebox	Gas Fireplace				FALSE	1/9/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59566-2B	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	1/16/2018	6/20/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-61880-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	1/19/2018	6/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-61110-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2	72	Non-Catalytic	FALSE	1/22/2018	6/20/2018		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
C-61077-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/26/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59356-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	1/31/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61472-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-61879-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2018	6/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62200-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/19/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62702-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	3/26/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62413-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.8	78	Catalytic	TRUE	4/5/2018	6/20/2018		29.5	1.6	54%	78%	2.61	33%	57%	0.0198	0.0009	0.0188
C-61225-1A	Fresno	Certified Wood Insert	Gas Insert				FALSE	4/10/2018	6/20/2018		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-62206-1A	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	4/12/2018	6/20/2018		14.5785	0	68%	68%	1.15	100%	0%	0.0129	0.0000	0.0129
C-63602-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	4/12/2018	6/20/2018		29.5	3	54%	70%	2.1	54%	44%	0.0258	0.0023	0.0236
C-63079-1A	Fresno	Wood-burning firebox	Gas Fireplace				TRUE	4/14/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63361-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63064-1A	Kings	Open Hearth Fireplace	Gas Insert				FALSE	4/20/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62900-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-62870-1A	Madera	Wood-burning firebox	Certified Pellet Insert	2.7			FALSE	4/27/2018	6/20/2018		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63354-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	4/29/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63352-1A	San Joaquin	Certified Pellet Insert	Gas Fireplace				TRUE	5/2/2018	6/20/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-63242-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	5/4/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63080-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	5/4/2018	6/20/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
C-63806-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic	FALSE	5/4/2018	6/20/2018		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428
C-63777-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	5/7/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63807-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	5/10/2018	6/20/2018		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63127-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2018	6/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62986-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2018	6/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-64028-1A	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	5/15/2018	6/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63601-1A	Madera	Open Hearth Fireplace	Gas Insert				TRUE	5/16/2018	6/20/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-64214-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	5/16/2018	6/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62966-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/17/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62985-1A	Kings	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	5/18/2018	6/20/2018		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
C-64249-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2018	6/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64110-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	5/20/2018	6/20/2018		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-55599-1A	Madera	Open Hearth Fireplace	Gas Fireplace				FALSE	5/21/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64071-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58236-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	5/22/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63342-1A	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	5/22/2018	6/20/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-64029-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	5/22/2018	6/20/2018		22.7	8.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-61392-1A	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.3		Non-Catalytic	TRUE	5/23/2018	6/20/2018		29.5	6.6	54%	68%	2.1	61%	38%	0.0290	0.0056	0.0234
C-63240-1A	Stanislaus	Wood-burning firebox	Gas Fireplace				TRUE	5/23/2018	6/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64111-1A	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	5/23/2018	6/20/2018		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
C-62292-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-64468-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	5/24/2018	6/20/2018		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
C-63885-1A	Kern	Wood-burning firebox	Gas Fireplace				TRUE	5/25/2018	6/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63084-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-64461-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62818-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	FALSE	5/31/2018	6/20/2018		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
C-62647-1A	Tulare	Wood-burning firebox	Gas Insert				FALSE	5/31/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64310-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	5/31/2018	6/20/2018		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61768-1A	Tulare	Wood-burning firebox	Gas Insert				TRUE	6/1/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-64483-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/4/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64653-1A	Kern	Wood-burning firebox	Gas Insert				TRUE	6/4/2018	6/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63069-1A	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic	TRUE	6/5/2018	6/20/2018		2.9	2.8	68%	77%	2.61	33%	57%	0.0019	0.0021	-0.0001
C-61072-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/5/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64217-1A	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	6/5/2018	6/20/2018		29.5	7.8	54%	68%	2.67	100%	0%	0.0606	0.0127	0.0479
C-64570-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/5/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63447-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/6/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64473-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/6/2018	6/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64528-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/6/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64529-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/6/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64569-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/7/2018	6/20/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
C-64718-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/8/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64391-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2018	6/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-64159-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/12/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-62959-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	6/12/2018	6/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63260-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/12/2018	6/20/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-64531-1A	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/12/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64030-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/12/2018	6/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63347-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/13/2018	6/20/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63455-1A	San Joaquin	Wood-burning firebox	Gas Insert				TRUE	6/13/2018	6/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64537-1A	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/14/2018	6/20/2018		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
C-64538-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	6/20/2018	7/12/2018		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
C-58986-2B	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	11/27/2017	7/13/2018		29.5	5.2	54%	68%	2.09	100%	0%	0.0475	0.0066	0.0408
C-59816-1A	San Joaquin	Wood-burning firebox	Gas Insert				FALSE	12/21/2017	7/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59013-2B	Madera	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	FALSE	1/6/2018	7/13/2018		22.7	2	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-61694-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/9/2018	7/13/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-63271-1A	Tulare	Certified Wood Insert	Gas Insert				TRUE	5/25/2018	7/13/2018		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
C-64464-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	5/31/2018	7/13/2018		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-64251-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/13/2018	7/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63786-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2018	7/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64681-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/20/2018	7/13/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64913-1A	Merced	Certified Wood Insert	Gas Insert				FALSE	6/23/2018	7/13/2018		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
C-60586-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2018	7/25/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-60843-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	2.7		Non-Catalytic	TRUE	2/6/2018	7/25/2018		2.9	5.4	68%	68%	2.1	61%	38%	0.0029	0.0058	-0.0029
C-60162-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2018	7/25/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62526-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	3/19/2018	7/25/2018		29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
C-61217-1A	Stanislaus	Certified Wood Insert	Gas Fireplace				TRUE	3/27/2018	7/25/2018		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
C-63118-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2018	7/25/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63345-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2018	7/25/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63780-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic	TRUE	5/3/2018	7/25/2018		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
C-63054-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	5/22/2018	7/25/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64460-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	TRUE	5/25/2018	7/25/2018		29.5	6.2	54%	68%	2.4	53%	43%	0.0291	0.0054	0.0237
C-63864-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/30/2018	7/25/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63713-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	6/8/2018	7/25/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64761-1A	Fresno	Wood-burning firebox	Gas Insert				TRUE	6/11/2018	7/25/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64724-1A	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	6/14/2018	7/25/2018		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
C-63245-1A	Stanislaus	Wood-burning firebox	Gas Insert				TRUE	6/19/2018	7/25/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64964-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2018	7/25/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63359-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2018	7/25/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63862-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2018	7/25/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64471-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2018	7/25/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62868-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2018	8/1/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62858-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2018	8/1/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61290-1A	Merced	Wood-burning firebox	Gas Fireplace				TRUE	6/11/2018	8/1/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-61082-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	4/10/2018	8/9/2018		29.5	7.2	54%	68%	2.4	53%	43%	0.0291	0.0063	0.0228
C-64253-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2018	8/9/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-63071-2B	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	6/16/2018	8/9/2018	22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-64587-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/22/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65026-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/22/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
C-64571-1A	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	6/24/2018	8/9/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64799-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/26/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64216-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/27/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64797-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/28/2018	8/9/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64719-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	6/28/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63868-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2018	8/9/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-60495-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/2/2018	8/9/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-64190-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	7/6/2018	8/9/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63629-1A	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	7/13/2018	8/9/2018	2.9	2.6	68%	68%	2.1	100%	0%	0.0047	0.0042	0.0005
C-64791-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/20/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-64985-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/20/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65224-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/20/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-64793-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/23/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-64161-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2018	8/9/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65166-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/24/2018	8/9/2018	22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-65292-1-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/25/2018	8/9/2018	29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
C-62654-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	0.58	80	Catalytic	FALSE	3/29/2018	8/14/2018	22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63315-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	TRUE	5/21/2018	8/14/2018	29.5	6.8	54%	68%	2.61	33%	57%	0.0198	0.0045	0.0153
C-58996-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/2/2018	8/14/2018	29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
C-64215-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2018	8/14/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64189-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/28/2018	8/14/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63985-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	7/3/2018	8/14/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64850-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	7/5/2018	8/14/2018	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-65116-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	7/10/2018	8/14/2018	22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-65078-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/25/2018	8/14/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65079-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/30/2018	8/14/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65228-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/31/2018	8/14/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61697-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/26/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-56331-1A	Kern	Certified Wood Insert	Gas Insert				TRUE	2/5/2018	8/22/2018	14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
C-62179-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/28/2018	8/22/2018	29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
C-42026-2-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/26/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59862-1A	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	3/26/2018	8/22/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63630-1A	San Joaquin	Open Hearth Fireplace	Gas Fireplace				FALSE	4/18/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62419-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	4/26/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-63269-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				FALSE	5/8/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63533-1A	Kern	Wood-Burning Firebox	Gas Fireplace				FALSE	5/11/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63358-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/21/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62406-1A	San Joaquin	Wood-Burning Firebox	Gas Fireplace				FALSE	5/24/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-60638-1A	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2018	8/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-64069-1A	Tulare	Non-Certified Wood Insert	Freestanding Certified Wood Stove	3.8	68	Non-Catalytic	TRUE	6/3/2018	8/22/2018	29.5	7.6	54%	68%	2.1	53%	43%	0.0254	0.0058	0.0196
C-64716-1A	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/5/2018	8/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64070-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.9	78	Catalytic	FALSE	6/6/2018	8/22/2018	29.5	3.8	54%	78%	2.1	100%	0%	0.0477	0.0043	0.0434
C-64654-1A	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2018	8/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63312-1A	Merced	Non-Certified Wood Insert	Gas Fireplace				TRUE	6/11/2018	8/22/2018	29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
C-64792-1A	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/11/2018	8/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62902-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	6/12/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64668-1A	Kern	Non-Certified Wood Insert	Gas Insert				FALSE	6/12/2018	8/22/2018	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-62201-1A	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	FALSE	6/14/2018	8/22/2018	29.5	6.4	54%	74%	2.09	100%	0%	0.0475	0.0075	0.0400
C-63866-1A	Merced	Wood-Burning Firebox	Gas Fireplace				FALSE	6/14/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62869-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	FALSE	6/18/2018	8/22/2018	29.5	6.4	54%	74%	2.4	100%	0%	0.0545	0.0086	0.0459
C-62984-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2018	8/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64534-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/23/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64760-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2018	8/22/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63082-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic	FALSE	6/27/2018	8/22/2018	29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
C-60259-1A	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	6/27/2018	8/22/2018	29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
C-61635-1A	Merced	Non-Certified Wood Insert	Gas Insert				FALSE	6/27/2018	8/22/2018	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-62540-1A	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/27/2018	8/22/2018	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
C-63070-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	6/27/2018	8/22/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63767-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61773-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2018	8/22/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64257-1A	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/28/2018	8/22/2018	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-64720-1A	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/29/2018	8/22/2018	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-65151-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/2/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-65171-1A	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	7/4/2018	8/22/2018	22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65218-1A	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	1.1			TRUE	7/5/2018	8/22/2018	22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
C-63055-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2018	8/22/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-61989-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	7/18/2018	8/22/2018	29.5	7.2	54%	68%	2.61	33%	57%	0.0198	0.0047	0.0150
C-64533-1A	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8		Non-Catalytic	FALSE	7/25/2018	8/22/2018	29.5	3.6	54%	68%	2.1	100%	0%	0.0477	0.0046	0.0431
G-65457-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	8/1/2018	8/22/2018	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-64527-1-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/3/2018	8/22/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65761-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/7/2018	8/22/2018	22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61707-1A	Kings	Non-Certified Wood Insert	Gas Fireplace				FALSE	1/3/2018	8/29/2018	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-63404-1A	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/6/2018	8/29/2018	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-65028-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	6/21/2018	8/29/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-65027-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	6/21/2018	8/29/2018	22.7	7.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
C-64665-1A	San Joaquin	Non-Certified Wood Insert	Gas Fireplace				TRUE	6/28/2018	8/29/2018	29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
C-65075-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2018	8/29/2018	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65220-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2018	8/29/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-65223-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2018	8/29/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-60087-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2017	9/5/2018	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64703-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2018	9/5/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63402-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	6/21/2018	9/5/2018	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64058-1A	San Joaquin	Non-Certified Wood Insert	Gas Insert				FALSE	6/26/2018	9/5/2018	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
C-64722-1A	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/30/2018	9/5/2018	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63078-1A	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	7/1/2018	9/5/2018	22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-65115-1A	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	TRUE	7/3/2018	9/5/2018	22.7	1.16	7%	80%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-62597-1A	Tulare	Freestanding Certified Wood Stove	Gas Fireplace				TRUE	7/12/2018	9/5/2018	14.5785	0	68%	68%	2.4	53%	43%	0.0144	0.0000	0.0144

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-63546-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	7/13/2018	9/5/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-65029-1A	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	7/14/2018	9/5/2018		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
C-63888-1A	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	4.1		Non-Catalytic	TRUE	7/16/2018	9/5/2018		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
C-65270-1A	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2018	9/5/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
C-64068-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	7/18/2018	9/5/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65021-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/19/2018	9/5/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65222-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2018	9/5/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64963-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2018	9/5/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65226-1-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	7/28/2018	9/12/2018		2.9	5.2	68%	68%	2.09	100%	0%	0.0047	0.0084	-0.0037
C-61949-1A	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/6/2018	9/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-65384-1-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic	FALSE	8/6/2018	9/12/2018		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
G-65424-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	8/6/2018	9/12/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-65740-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		8/7/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65760-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/7/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65908-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/8/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65743-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		8/9/2018	9/12/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-65553-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/14/2018	9/12/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-65698-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/15/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65738-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/15/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66196-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/15/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65951-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/16/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65714-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		8/17/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-65387-1-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	8/25/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66044-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/28/2018	9/12/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-64109-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2018	9/27/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-65491-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2018	9/27/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-65683-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2018	9/27/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65713-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/31/2018	9/27/2018		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-66667-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/4/2018	9/27/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65742-A1	Tulare	Open Hearth Fireplace	Gas Insert					9/8/2018	9/27/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66763-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/8/2018	9/27/2018		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-66895-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2018	9/27/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-66966-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2018	9/27/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66537-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/16/2018	9/27/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66445-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/17/2018	9/27/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-61988-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	6/4/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63685-1A	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/5/2018	10/3/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-58913-1A	San Joaquin	Open Hearth Fireplace	Freestanding Gas Stove				FALSE	7/13/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63771-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	7/20/2018	10/3/2018		29.5	6.4	54%	74%	2.61	33%	57%	0.0198	0.0039	0.0159
G-65469-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		7/24/2018	10/3/2018		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-65500-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	7/25/2018	10/3/2018		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-65445-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	7/27/2018	10/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-65359-1-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	7/27/2018	10/3/2018		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-65499-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2018	10/3/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-65427-A1	Merced	Open Hearth Fireplace	Gas Insert					8/2/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66042-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65716-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2018	10/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62904-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2018	10/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-65076-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	8/8/2018	10/3/2018		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
C-65022-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/8/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65360-1-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65917-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2018	10/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-65685-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65696-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/10/2018	10/3/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-65914-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2018	10/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-65271-1-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	8/14/2018	10/3/2018		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
C-64874-1A	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	8/15/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65440-A1	Tulare	Open Hearth Fireplace	Gas Insert					8/15/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66215-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		8/15/2018	10/3/2018		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-64308-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/16/2018	10/3/2018		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
C-65269-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2018	10/3/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-65692-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	8/16/2018	10/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-65672-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					8/17/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65718-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	8/17/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66534-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2018	10/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66430-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66426-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2018	10/3/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66432-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/24/2018	10/3/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-66427-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					8/27/2018	10/3/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64060-1A	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	8/28/2018	10/3/2018		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-65907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2018	10/3/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66603-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/31/2018	10/3/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66601-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	9/6/2018	10/3/2018		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-65313-1-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	7/23/2018	10/4/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
C-58708-1A	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/29/2018	10/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65557-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2018	10/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65909-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		8/11/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65752-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic		8/30/2018	10/18/2018		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-65694-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic		9/11/2018	10/18/2018		29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
G-66535-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/17/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66499-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/18/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-66665-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/18/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65711-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/19/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67110-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2018	10/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66758-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/20/2018	10/18/2018		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-67021-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2018	10/18/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67112-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/21/2018	10/18/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65356-1-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	7/28/2018	10/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-65877-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	8/15/2018	10/24/2018		29.5	7	54%	68%	1.15	61%	38%	0.0159	0.0033	0.0126
C-64911-1A	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	8/21/2018	10/24/2018		2.9	2.2	68%	68%	2.1	61%	38%	0.0029	0.0024	0.0005
C-59922-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2018	10/24/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65511-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2018	10/24/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62298-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/7/2018	10/24/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66536-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	9/14/2018	10/24/2018		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-66746-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/14/2018	10/24/2018		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-66951-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	9/18/2018	10/24/2018		29.5	7.8	54%	68%	2.4	53%	43%	0.0291	0.0068	0.0223
G-66956-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/19/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-65314-1-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	9/21/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65476-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	9/21/2018	10/24/2018		29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
G-66754-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/21/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67020-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/25/2018	10/24/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-66666-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/25/2018	10/24/2018		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-66670-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/25/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66957-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/26/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
C-63938-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	9/28/2018	10/24/2018		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
G-67007-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/28/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67165-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/28/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-66608-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		9/29/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67413-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/29/2018	10/24/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67499-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/29/2018	10/24/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67173-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/30/2018	10/24/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-67180-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/3/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66954-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/4/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67484-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/4/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66435-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	10/5/2018	10/24/2018		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
G-67006-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Catalytic	TRUE	10/8/2018	10/24/2018		29.5	2.2	54%	68%	2.61	33%	57%	0.0198	0.0014	0.0183
G-67490-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic		10/8/2018	10/24/2018		29.5	3.2	54%	68%	2.09	100%	0%	0.0475	0.0041	0.0434
G-66597-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/9/2018	10/24/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63253-1-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	10/13/2018	10/24/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-65227-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				FALSE	6/29/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63397-1A	Fresno	Certified Wood Insert	Gas Fireplace				TRUE	7/12/2018	10/30/2018		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
C-64254-1A	Merced	Open Hearth Fireplace	Gas Fireplace				FALSE	7/18/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-65351-1-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/26/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-65480-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/28/2018	10/30/2018		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-65488-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	8/9/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-65361-1-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	8/24/2018	10/30/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-64252-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				FALSE	8/27/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65911-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65741-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66045-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-65904-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/1/2018	10/30/2018		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-65514-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66319-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					9/5/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66738-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65454-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	9/10/2018	10/30/2018		29.5	2.2	54%	68%	1.15	61%	38%	0.0159	0.0010	0.0149
G-66753-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	9/11/2018	10/30/2018		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-65518-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		9/12/2018	10/30/2018		29.5	7.8	54%	68%	1.15	100%	0%	0.0261	0.0055	0.0206
G-66324-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/12/2018	10/30/2018		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
C-62694-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2018	10/30/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66043-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/14/2018	10/30/2018		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-66600-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.8	78	Catalytic		9/14/2018	10/30/2018		29.5	1.6	54%	78%	2.61	100%	0%	0.0593	0.0022	0.0571
G-66467-A1	Madera	Open Hearth Fireplace	Gas Insert					9/17/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65950-A1	Fresno	Open Hearth Fireplace	Gas Insert					9/19/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66668-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2018	10/30/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-65542-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic		9/20/2018	10/30/2018		29.5	6.8	54%	68%	2.1	100%	0%	0.0477	0.0087	0.0390
G-66896-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66965-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67177-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/21/2018	10/30/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66963-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		9/21/2018	10/30/2018		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-66480-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	9/24/2018	10/30/2018		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-67172-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	9/24/2018	10/30/2018		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
C-65154-1A	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/27/2018	10/30/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67280-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2018	10/30/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-65489-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/28/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67282-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67583-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/28/2018	10/30/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67587-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2018	10/30/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67644-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67320-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67274-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66675-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67168-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67245-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67578-A1	Kern	Open Hearth Fireplace	Gas Insert					10/1/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64912-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.8	68	Non-Catalytic	FALSE	10/2/2018	10/30/2018		29.5	7.6	54%	68%	2.4	100%	0%	0.0545	0.0112	0.0434
G-67038-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic		10/2/2018	10/30/2018		29.5	1.98	54%	77%	1.55	100%	0%	0.0352	0.0017	0.0336
G-67275-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2018	10/30/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67158-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67496-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2018	10/30/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66669-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/5/2018	10/30/2018		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-67470-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2018	10/30/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67708-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2018	10/30/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67035-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66745-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.45	80	Catalytic		10/10/2018	10/30/2018		29.5	0.9	54%	80%	2.09	100%	0%	0.0475	0.0010	0.0465
G-67429-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	10/11/2018	10/30/2018		2.9	2.2	68%	68%	2.61	33%	57%	0.0019	0.0018	0.0001
G-67829-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2018	10/30/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67877-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	10/30/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67488-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2018	10/30/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-67585-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/13/2018	10/30/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-59829-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2018	10/31/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63887-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	FALSE	6/7/2018	10/31/2018		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-66201-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/14/2018	10/31/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
C-65168-1A	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/17/2018	10/31/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63931-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/23/2018	10/31/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65544-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic		8/23/2018	10/31/2018		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66217-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	8/29/2018	10/31/2018		29.5	8.4	54%	68%	2.1	24%	59%	0.0115	0.0035	0.0080
G-66760-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2018	10/31/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-66740-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2018	10/31/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-66194-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace				TRUE	9/13/2018	10/31/2018		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-66617-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/14/2018	10/31/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67078-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1		Non-Catalytic	TRUE	9/14/2018	10/31/2018		22.7	2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66500-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/19/2018	10/31/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66193-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2018	10/31/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-66433-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2018	10/31/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-64849-1A	Merced	Wood-Burning Firebox	Gas Insert				FALSE	9/25/2018	10/31/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64250-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2018	10/31/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67443-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		9/26/2018	10/31/2018		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-67352-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					10/1/2018	10/31/2018		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-67635-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2018	10/31/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66964-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/4/2018	10/31/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-66619-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	10/5/2018	10/31/2018		22.7	3.6	7%	80%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-67113-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace					10/5/2018	10/31/2018		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-67482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2018	10/31/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67637-A1	Kern	Non-Certified Wood Insert	Certified Wood Insert	3.2	72	Non-Catalytic		10/9/2018	10/31/2018		29.5	6.4	54%	72%	2.1	100%	0%	0.0477	0.0078	0.0399
G-67713-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/10/2018	10/31/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67599-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/11/2018	10/31/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67645-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2018	10/31/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67880-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2018	10/31/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67878-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	10/31/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67427-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2018	10/31/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66260-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2018	10/31/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67387-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2018	10/31/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-66971-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2018	10/31/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62421-1A	Merced	Open Hearth Fireplace	Gas Insert				FALSE	5/2/2018	11/14/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-62872-1A	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	9/13/2018	11/14/2018		29.5	7.2	54%	68%	2.1	33%	57%	0.0159	0.0038	0.0121
G-65466-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/1/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65552-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/7/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-65746-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66326-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/30/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66613-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/4/2018	11/28/2018		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-66977-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2018	11/28/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-66781-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	9/22/2018	11/28/2018		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-66894-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/24/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-66325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67181-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/26/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67004-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		9/28/2018	11/28/2018		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
G-67586-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2018	11/28/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67642-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		10/6/2018	11/28/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-67483-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/9/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67425-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/10/2018	11/28/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67005-A1	Merced	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic		10/11/2018	11/28/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67157-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	4.2		Non-Catalytic	TRUE	10/11/2018	11/28/2018		22.7	8.4	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-67399-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic		10/11/2018	11/28/2018		29.5	9	54%	71%	2.1	100%	0%	0.0477	0.0111	0.0366
G-66671-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		10/12/2018	11/28/2018		29.5	1.46	54%	68%	2.09	100%	0%	0.0475	0.0019	0.0456
G-66444-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	11/28/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67108-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2018	11/28/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67185-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67762-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66926-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66195-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/23/2018	11/28/2018		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-66866-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/23/2018	11/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67946-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2018	11/28/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67631-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/23/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66955-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/24/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67442-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/24/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67826-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/24/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67679-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/25/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65712-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/26/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67710-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/26/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67964-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/26/2018	11/28/2018		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
G-67755-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	10/27/2018	11/28/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67039-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67162-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2018	11/28/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67685-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/30/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67968-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/30/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67823-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/31/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68459-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67419-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	70	Non-Catalytic		11/2/2018	11/28/2018		29.5	2.2	54%	70%	1.55	100%	0%	0.0352	0.0020	0.0332
G-68150-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68224-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/2/2018	11/28/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-65516-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		11/6/2018	11/28/2018		29.5	7.8	54%	68%	2.09	100%	0%	0.0475	0.0100	0.0375
G-68410-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67428-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/8/2018	11/28/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66468-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic		11/9/2018	11/28/2018		2.9	1.98	68%	77%	2.61	100%	0%	0.0058	0.0035	0.0023
G-68457-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2018	11/28/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63937-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/1/2018	11/29/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-66327-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	10/4/2018	11/29/2018		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
C-63940-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2018	11/29/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-68730-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/2/2018	11/29/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68506-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic		11/9/2018	11/29/2018		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-68355-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/10/2018	11/29/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68826-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/10/2018	11/29/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68807-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/11/2018	11/29/2018		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-68570-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2018	11/29/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62865-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	6/27/2018	12/4/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66261-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2018	12/4/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-65673-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		8/27/2018	12/4/2018		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
C-64725-1A	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.8	68	Non-Catalytic	FALSE	9/10/2018	12/4/2018		29.5	7.6	54%	68%	2.4	100%	0%	0.0545	0.0112	0.0434
G-66481-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2018	12/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66470-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/23/2018	12/4/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-66321-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.6		Non-Catalytic	TRUE	9/24/2018	12/4/2018		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-67414-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	9/24/2018	12/4/2018		29.5	7.8	54%	68%	1.55	54%	44%	0.0191	0.0045	0.0146
G-66218-A1	Merced	Open Hearth Fireplace	Gas Fireplace				TRUE	10/3/2018	12/4/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67166-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	10/3/2018	12/4/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-67485-A1	Fresno	Wood-Burning Firebox	Gas Insert					10/5/2018	12/4/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66870-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.2		Non-Catalytic	TRUE	10/5/2018	12/4/2018		29.5	2.4	54%	68%	2.67	68%	32%	0.0409	0.0028	0.0381
G-67634-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	10/9/2018	12/4/2018		22.7	6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-65874-A1	Fresno	Non-Certified Wood Insert	Gas Insert					10/10/2018	12/4/2018		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-66941-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2018	12/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67036-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	10/10/2018	12/4/2018		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
C-64801-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2018	12/4/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66962-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		10/11/2018	12/4/2018		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-66606-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	10/12/2018	12/4/2018		14.5785	0	68%	68%	2.61	33%	57%	0.0098	0.0000	0.0098
G-67160-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/12/2018	12/4/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-67167-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	10/12/2018	12/4/2018		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-66869-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2018	12/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67446-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					10/15/2018	12/4/2018		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-67159-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic		10/16/2018	12/4/2018		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
G-67303-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2018	12/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67281-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2018	12/4/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67581-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/1/2018	12/4/2018		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-68451-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2018	12/4/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64031-1A	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	7/10/2018	12/5/2018		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
C-63865-1A	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	12/5/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67821-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/5/2018	12/5/2018		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-68891-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/7/2018	12/5/2018		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-66428-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2018	12/6/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68560-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2018	12/6/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68594-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	12/6/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-64162-1A	Tulare	Open Hearth Fireplace	Freestanding Gas Stove				FALSE	6/25/2018	12/12/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-63119-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2018	12/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2018	12/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67276-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic		10/15/2018	12/12/2018		22.7	3	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-68027-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2018	12/12/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68272-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2018	12/12/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67961-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2018	12/12/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67182-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/2/2018	12/13/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67277-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2018	12/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67279-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/11/2018	12/13/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67155-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	12/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2018	12/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67501-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2018	12/13/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67444-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	2.9	74	Non-Catalytic	TRUE	10/18/2018	12/13/2018		29.5	5.8	54%	74%	2.1	61%	38%	0.0290	0.0045	0.0245
G-67584-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2018	12/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67671-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2018	12/13/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67301-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	4.3		Non-Catalytic	TRUE	10/20/2018	12/13/2018		29.5	8.6	54%	68%	2.1	68%	32%	0.0322	0.0079	0.0243
G-67388-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2018	12/13/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67630-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2018	12/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67865-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2018	12/13/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68054-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	10/23/2018	12/13/2018		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-67875-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2018	12/13/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68142-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2018	12/13/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-65117-1-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic	TRUE	7/26/2018	12/14/2018		22.7	4	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-67683-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2018	12/18/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67284-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.9	78	Catalytic	TRUE	10/5/2018	12/18/2018		29.5	3.8	54%	78%	2.1	33%	57%	0.0159	0.0018	0.0141
G-67707-A1	Kern	Open Hearth Fireplace	Gas Insert					10/8/2018	12/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67869-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	12/18/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67824-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	10/15/2018	12/18/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67588-A1	Fresno	Wood-Burning Firebox	Gas Insert					10/23/2018	12/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67771-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68035-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2018	12/18/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68146-A1	Kern	Open Hearth Fireplace	Gas Insert					10/29/2018	12/18/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68267-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/4/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68445-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/7/2018	12/18/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-68134-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		11/8/2018	12/18/2018		29.5	9	54%	75%	1.55	100%	0%	0.0352	0.0077	0.0275
G-68978-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/12/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68791-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/15/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66496-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68271-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65077-1-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	11/20/2018	12/18/2018		29.5	7.8	54%	68%	2.61	33%	57%	0.0198	0.0051	0.0146
C-65364-1-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67598-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/21/2018	12/18/2018		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-68319-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68119-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		11/25/2018	12/18/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69307-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2018	12/18/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67951-A1	Merced	Non-Certified Wood Insert	Gas Insert					11/29/2018	12/18/2018		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-68870-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/29/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-68810-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/30/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-68138-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		12/1/2018	12/18/2018		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67960-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68729-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	12/3/2018	12/18/2018		29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
G-68820-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/3/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66472-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/4/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69460-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		12/4/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69052-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/5/2018	12/18/2018		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-69461-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	12/5/2018	12/18/2018		29.5	5.2	54%	68%	2.09	24%	59%	0.0115	0.0022	0.0093
G-69192-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69779-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2018	12/18/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67497-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2018	12/19/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65114-1A	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/15/2018	12/19/2018		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-68833-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2018	12/19/2018		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-68915-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		11/15/2018	12/19/2018		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-68969-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	12/19/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68693-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/27/2018	12/19/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69312-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/29/2018	12/19/2018		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-68172-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/1/2018	12/19/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69466-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/1/2018	12/19/2018		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69121-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2018	12/19/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69816-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/8/2018	12/19/2018		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-69533-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/9/2018	12/19/2018		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-66747-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/9/2018	12/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67682-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2018	12/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67418-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67632-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/12/2018	12/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66595-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2018	12/20/2018		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-66759-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	10/18/2018	12/20/2018		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-68098-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2018	12/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-64307-1A	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/19/2018	12/20/2018		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-68053-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66779-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2018	12/20/2018		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67492-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2018	12/20/2018		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67633-A1	Tulare	Non-Certified Wood Insert	Gas Insert					10/20/2018	12/20/2018		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-66952-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	2		Non-Catalytic	TRUE	10/23/2018	12/20/2018		22.7	4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-67765-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		10/23/2018	12/20/2018		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-67761-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	10/24/2018	12/20/2018		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-67957-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	10/24/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67992-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68127-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67355-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2018	12/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67385-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2018	12/20/2018		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68051-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68052-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2018	12/20/2018		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68309-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/26/2018	12/20/2018		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67757-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	10/28/2018	12/20/2018		29.5	8.4	54%	68%	2.67	68%	32%	0.0409	0.0099	0.0311
G-68128-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	12/20/2018		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-70304-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2018	12/20/2018		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68533-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/4/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68567-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2018	1/7/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68354-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	11/15/2018	1/7/2019		29.5	4.2	54%	68%	2.61	33%	57%	0.0198	0.0028	0.0170
G-69058-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/16/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68735-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		11/17/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68793-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/17/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68913-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/17/2018	1/7/2019		29.5	5.2	54%	68%	2.1	68%	32%	0.0322	0.0048	0.0274
G-67969-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	1/7/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69826-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/2/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68831-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/7/2018	1/7/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-69819-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	12/8/2018	1/7/2019		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-69949-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/8/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69446-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/11/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69469-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/11/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69991-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/12/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70030-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/12/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69450-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/13/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69472-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/13/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70307-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/13/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69398-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	1/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69945-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/14/2018	1/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69683-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/15/2018	1/7/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70033-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/15/2018	1/7/2019		29.5	4.2	54%	68%	2.1	24%	59%	0.0115	0.0018	0.0098
G-67981-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2018	1/7/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-68824-A2	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2018	1/7/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-62899-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/11/2018	1/8/2019		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
G-66429-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67590-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.8	78	Catalytic		10/4/2018	1/8/2019		29.5	1.6	54%	78%	2.09	100%	0%	0.0475	0.0018	0.0457
G-66596-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	10/5/2018	1/8/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-67037-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	10/10/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64588-1A	Kern	Non-Certified Wood Insert	Gas Insert				FALSE	10/18/2018	1/8/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-67161-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2018	1/8/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-61653-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68025-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/25/2018	1/8/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-68002-A1	Stanislaus	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	10/27/2018	1/8/2019		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-66744-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/29/2018	1/8/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67605-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/31/2018	1/8/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67768-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/31/2018	1/8/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67996-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67602-A1	Fresno	Wood-Burning Firebox	Gas Insert					11/1/2018	1/8/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68137-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	1/8/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-68362-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/3/2018	1/8/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-67002-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2018	1/8/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-67493-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68322-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2018	1/8/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68680-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2018	1/8/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68604-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic	FALSE	11/5/2018	1/8/2019		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
G-68403-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2018	1/8/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68315-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/7/2018	1/8/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-68507-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2018	1/8/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68879-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		11/7/2018	1/8/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-68568-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/8/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68587-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2018	1/8/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-68034-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68311-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68732-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68753-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/10/2018	1/8/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-68131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68745-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68598-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/13/2018	1/8/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67769-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	11/14/2018	1/8/2019		29.5	7	54%	68%	2.61	33%	57%	0.0198	0.0046	0.0152
G-68912-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69049-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-64798-1A	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	11/16/2018	1/8/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68798-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/16/2018	1/8/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-67767-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	12/10/2018	1/8/2019		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
C-64186-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67178-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/27/2018	1/9/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66216-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		10/5/2018	1/9/2019		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
G-66539-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		10/8/2018	1/9/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-67489-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	10/9/2018	1/9/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67711-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2018	1/9/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66664-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/15/2018	1/9/2019		2.9	3	68%	76%	2.1	24%	59%	0.0011	0.0014	-0.0003
G-67500-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2018	1/9/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67077-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/27/2018	1/9/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67864-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2018	1/9/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68161-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-65261-1-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67394-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					10/31/2018	1/9/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-67962-A1	San Joaquin	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	10/31/2018	1/9/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66974-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					11/1/2018	1/9/2019		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-68129-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	11/1/2018	1/9/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-68361-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	1/9/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-68471-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/2/2018	1/9/2019		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
G-68097-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	11/3/2018	1/9/2019		29.5	2	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107
G-67963-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68030-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2018	1/9/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67386-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68321-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2018	1/9/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67959-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/10/2018	1/9/2019		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-68455-A1	Fresno	Non-Certified Wood Insert	Gas Insert					11/10/2018	1/9/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-68226-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2018	1/9/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68446-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2018	1/9/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-62756-1A	Madera	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	FALSE	12/6/2018	1/11/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66250-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2018	1/15/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-66150-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/31/2018	1/15/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-67183-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/27/2018	1/15/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68026-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/21/2018	1/15/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-67871-A1	Kern	Wood-Burning Firebox	Gas Insert					10/29/2018	1/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66497-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	1/15/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67758-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2018	1/15/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68102-A1	Tulare	Wood-Burning Firebox	Gas Fireplace					11/7/2018	1/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68324-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	11/7/2018	1/15/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-66545-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2018	1/15/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-63452-1A	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	11/11/2018	1/15/2019		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-68310-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2018	1/15/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66953-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	4.2		Non-Catalytic	TRUE	12/8/2018	1/15/2019		22.7	8.4	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
C-62031-1A	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	12/13/2018	1/15/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68611-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68914-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5		Non-Catalytic		11/15/2018	1/16/2019		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-69203-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2018	1/16/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-68685-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2018	1/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68734-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		11/27/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68795-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69019-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2018	1/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68538-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/7/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69488-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2018	1/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69995-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/10/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68939-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/12/2018	1/16/2019		29.5	7	54%	68%	2.1	54%	44%	0.0258	0.0054	0.0204
G-68132-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	1/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69993-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69994-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68966-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69988-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/15/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70028-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/15/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68754-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	12/18/2018	1/16/2019		29.5	6.4	54%	74%	2.61	33%	57%	0.0198	0.0039	0.0159
G-69754-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	1/16/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-70297-A1	Kings	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		12/18/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69053-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		12/19/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-69022-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2018	1/16/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69990-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70308-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69989-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	1/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68431-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/21/2018	1/16/2019		29.5	7	54%	68%	2.1	53%	43%	0.0254	0.0053	0.0201
G-69685-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70142-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2018	1/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70143-A1	Kern	Open Hearth Fireplace	Gas Insert					12/21/2018	1/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70249-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/22/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70454-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.5		Non-Catalytic	TRUE	12/22/2018	1/16/2019		22.7	5	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70490-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/23/2018	1/16/2019		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-70389-A1	Madera	Open Hearth Fireplace	Gas Insert					12/26/2018	1/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69773-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/27/2018	1/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69687-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70294-A1	Tulare	Wood-Burning Firebox	Gas Insert					12/28/2018	1/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69986-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/29/2018	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69684-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/3/2019	1/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70387-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/4/2019	1/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69943-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2019	1/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69992-A2	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2018	1/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
C-63684-1A	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.1	68	Non-Catalytic	TRUE	5/25/2018	1/22/2019		29.5	2.2	54%	68%	2.1	54%	44%	0.0258	0.0017	0.0241
G-66593-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	0.93	73	Catalytic		10/14/2018	1/22/2019		22.7	1.86	7%	73%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66934-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2018	1/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67350-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/24/2018	1/22/2019		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-67176-A1	Stanislaus	Wood-Burning Firebox	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	11/8/2018	1/22/2019		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-68472-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		12/3/2018	1/22/2019		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-68133-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic		12/6/2018	1/22/2019		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-67690-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2018	1/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68609-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/3/2018	1/23/2019		29.5	2.2	54%	68%	2.1	33%	57%	0.0159	0.0012	0.0147
G-68504-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2018	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68608-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2018	1/23/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68425-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	1/23/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68590-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/20/2018	1/23/2019		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-69436-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		11/21/2018	1/23/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-69390-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2018	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69013-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		11/29/2018	1/23/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-69381-A1	Kern	Wood-Burning Firebox	Certified Wood Insert	3.2		Non-Catalytic		11/30/2018	1/23/2019		22.7	6.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-69055-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	12/3/2018	1/23/2019		22.7	3	7%	70%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69818-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.3	73	Non-Catalytic	TRUE	12/3/2018	1/23/2019		29.5	2.6	54%	73%	2.4	53%	43%	0.0291	0.0021	0.0270
G-69866-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2018	1/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69462-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		12/4/2018	1/23/2019		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
G-69731-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic		12/4/2018	1/23/2019		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-68096-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic		12/5/2018	1/23/2019		29.5	4.2	54%	68%	2.09	100%	0%	0.0475	0.0054	0.0421
G-68878-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70580-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/7/2018	1/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70000-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2018	1/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70497-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	1/23/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69020-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70492-A1	Fresno	Wood-Burning Firebox	Gas Insert					12/19/2018	1/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70557-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	12/27/2018	1/23/2019		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-70296-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/2/2019	1/23/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70452-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		1/5/2019	1/23/2019		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
G-69470-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/8/2019	1/23/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70064-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2019	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70063-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/10/2019	1/23/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71069-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/10/2019	1/23/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66752-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/11/2019	1/23/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70120-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71199-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2019	1/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71198-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2019	1/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-65458-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic		8/29/2018	1/24/2019		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
C-65272-1-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	10/10/2018	1/24/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-66973-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic		10/10/2018	1/24/2019		29.5	3.4	54%	72%	2.4	100%	0%	0.0545	0.0047	0.0498
G-67553-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic	TRUE	10/26/2018	1/24/2019		29.5	3.2	54%	73%	2.1	33%	57%	0.0159	0.0016	0.0143
G-67381-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/30/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68032-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68100-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	10/30/2018	1/24/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-67990-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/31/2018	1/24/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67184-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		10/31/2018	1/24/2019		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-68857-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68347-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68531-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		Non-Catalytic	TRUE	11/2/2018	1/24/2019		29.5	2.6	54%	68%	1.57	31%	51%	0.0110	0.0009	0.0100
G-67491-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2018	1/24/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-68463-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2018	1/24/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
C-54668-1A	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.4	72	Non-Catalytic	FALSE	11/6/2018	1/24/2019		22.7	2.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-68117-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68253-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68358-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68872-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68873-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/6/2018	1/24/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-67319-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/7/2018	1/24/2019		22.7	7	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-68565-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67706-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace					11/9/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68653-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/9/2018	1/24/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-67991-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					11/12/2018	1/24/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-66865-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68316-A1	Fresno	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	11/13/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68695-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	1.1	76	Non-Catalytic		11/13/2018	1/24/2019		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69228-A1	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/13/2018	1/24/2019		29.5	3	54%	76%	2.1	31%	51%	0.0147	0.0013	0.0134
G-68005-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/14/2018	1/24/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-68050-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68433-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68796-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68755-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		11/14/2018	1/24/2019		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-68257-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68687-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68954-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69047-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2018	1/24/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69202-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-63714-1A	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	11/16/2018	1/24/2019		29.5	5.2	54%	68%	2.61	100%	0%	0.0593	0.0083	0.0510
G-66598-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/16/2018	1/24/2019		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-66599-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/16/2018	1/24/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-68256-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68466-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68689-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69050-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	11/17/2018	1/24/2019		22.7	9	7%	75%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-67395-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					11/19/2018	1/24/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-68169-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68349-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68726-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68869-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69123-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69377-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2018	1/24/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-67862-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	11/20/2018	1/24/2019		22.7	9	7%	75%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-68357-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68875-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68589-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	1/24/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-68742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68748-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69576-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68819-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8	80	Catalytic		11/23/2018	1/24/2019		29.5	3.6	54%	80%	2.1	100%	0%	0.0477	0.0039	0.0438
G-67759-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/25/2018	1/24/2019		22.7	8.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-68512-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2018	1/24/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63941-1A	Kern	Open Hearth Fireplace	Gas Insert				FALSE	11/26/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68698-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68974-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69193-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69201-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68697-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68944-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/27/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69112-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/27/2018	1/24/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-69114-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	11/27/2018	1/24/2019		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-66471-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/28/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68360-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68511-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	11/28/2018	1/24/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-68832-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69531-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	11/28/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69306-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/29/2018	1/24/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-68166-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69215-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/30/2018	1/24/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69572-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69689-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2018	1/24/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67552-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/1/2018	1/24/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69782-A1	Kern	Non-Certified Wood Insert	Gas Insert					12/1/2018	1/24/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-70284-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69014-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		12/3/2018	1/24/2019		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-68449-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/3/2018	1/24/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-69780-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69954-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69327-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69458-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/4/2018	1/24/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-69372-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		12/5/2018	1/24/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-69196-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69961-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70013-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69809-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/5/2018	1/24/2019		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-70469-A1	Madera	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic		12/5/2018	1/24/2019		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
G-69012-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2018	1/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69535-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	70	Non-Catalytic	TRUE	12/7/2018	1/24/2019		29.5	2.2	54%	70%	1.55	54%	44%	0.0191	0.0012	0.0178
G-69735-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	1/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69762-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	1/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70017-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/7/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68454-A1	Kern	Wood-Burning Firebox	Gas Insert					12/18/2018	1/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71061-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2018	1/24/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68162-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	10/23/2018	1/30/2019		22.7	7.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-67681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	1/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68462-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		11/3/2018	1/30/2019		29.5	1.46	54%	68%	2.09	100%	0%	0.0475	0.0019	0.0456
G-65483-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/9/2018	1/30/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68818-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/19/2018	1/30/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68437-A1	Kings	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	11/20/2018	1/30/2019		29.5	3	54%	76%	2.1	48%	48%	0.0227	0.0019	0.0208
G-68981-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/29/2018	1/30/2019		22.7	5.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-70312-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2018	1/30/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69750-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/3/2018	1/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68823-A1	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.1	76	Non-Catalytic	TRUE	12/5/2018	1/30/2019		29.5	2.2	54%	76%	2.1	31%	51%	0.0147	0.0010	0.0137
G-69387-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	1/30/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70001-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	1/30/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69007-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2018	1/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68952-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	1/30/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-70233-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	1/30/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69303-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2018	1/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68975-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		12/10/2018	1/30/2019		29.5	7.8	54%	68%	2.4	100%	0%	0.0545	0.0114	0.0431
G-69729-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/10/2018	1/30/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-69806-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2018	1/30/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-70211-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2018	1/30/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-69373-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2018	1/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68464-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2018	1/30/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66604-A1	Fresno	Wood-Burning Firebox	Gas Insert					9/19/2018	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67398-A1	Kern	Wood-Burning Firebox	Gas Insert					10/1/2018	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67445-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	10/3/2018	2/6/2019		22.7	3.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-67636-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic	TRUE	10/18/2018	2/6/2019		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-68308-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2018	2/6/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
C-58120-1A	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2018	2/6/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67302-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	11/2/2018	2/6/2019		22.7	3.6	7%	80%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-66932-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2018	2/6/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69605-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2018	2/6/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68474-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2018	2/6/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68317-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2018	2/6/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68606-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	11/28/2018	2/6/2019		29.5	7.2	54%	68%	2.09	24%	59%	0.0115	0.0030	0.0085
G-68591-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/29/2018	2/6/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-67397-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2018	2/6/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66498-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					12/3/2018	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69476-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/5/2018	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70071-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		12/5/2018	2/6/2019		29.5	7.8	54%	68%	1.57	100%	0%	0.0357	0.0075	0.0282
G-69785-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2018	2/6/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68727-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	2/6/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-69378-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	FALSE	12/10/2018	2/6/2019		2.9	3	68%	76%	2.1	100%	0%	0.0047	0.0043	0.0003
G-69759-A1	Kern	Open Hearth Fireplace	Gas Insert					12/14/2018	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70132-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2018	2/6/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69400-A1	Fresno	Non-Certified Wood Insert	Gas Insert					12/20/2018	2/6/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-68562-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/21/2018	2/6/2019		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
G-69795-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/22/2018	2/6/2019		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-69807-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		12/22/2018	2/6/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-70428-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/6/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68503-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/3/2019	2/6/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70239-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2019	2/6/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70128-A1	Kern	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic		1/4/2019	2/6/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71059-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/9/2019	2/6/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70895-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/11/2019	2/6/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70421-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2019	2/6/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71077-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/12/2019	2/6/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70559-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		1/14/2019	2/6/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71056-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/15/2019	2/6/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71141-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2019	2/6/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71764-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2019	2/6/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68176-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/6/2018	2/11/2019		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-68628-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2018	2/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69730-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.6		Non-Catalytic	TRUE	1/3/2019	2/11/2019		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-70894-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/12/2019	2/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69380-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic	TRUE	1/15/2019	2/11/2019		29.5	5	54%	70%	2.67	68%	32%	0.0409	0.0057	0.0352
G-69614-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2019	2/11/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70568-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2019	2/11/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-70556-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/18/2019	2/11/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70032-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2019	2/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70420-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/21/2019	2/11/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71366-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2019	2/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71146-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2019	2/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71683-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/23/2019	2/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70628-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2019	2/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70410-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2019	2/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68314-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	10/31/2018	2/12/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68601-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/17/2018	2/12/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-68971-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		11/17/2018	2/12/2019		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-68804-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2018	2/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-66605-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68469-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/28/2018	2/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68505-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic		12/3/2018	2/12/2019		29.5	2.8	54%	77%	2.67	100%	0%	0.0606	0.0040	0.0566
G-70016-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2018	2/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68592-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic		12/5/2018	2/12/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-68942-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69895-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68173-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2018	2/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68439-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2018	2/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-67709-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69302-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/10/2018	2/12/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70228-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/10/2018	2/12/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-68500-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2018	2/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69371-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2018	2/12/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-70305-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69437-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70495-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	12/12/2018	2/12/2019		22.7	9	7%	75%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-69074-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic		12/13/2018	2/12/2019		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69315-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68983-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69008-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69811-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70145-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	2/12/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-70739-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/14/2018	2/12/2019		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
G-69118-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2018	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-70433-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2018	2/12/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-69781-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70407-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70431-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67071-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		12/21/2018	2/12/2019		29.5	3.8	54%	68%	2.67	100%	0%	0.0606	0.0062	0.0544
G-70735-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.2		Non-Catalytic		12/27/2018	2/12/2019		22.7	6.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-70935-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/17/2019	2/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70994-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/17/2019	2/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70999-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/18/2019	2/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70455-A1	Fresno	Open Hearth Fireplace	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	1/19/2019	2/12/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71762-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2019	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71194-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/22/2019	2/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71889-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/24/2019	2/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70255-A1	Merced	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/26/2019	2/12/2019		29.5	4.2	54%	68%	2.1	68%	32%	0.0322	0.0039	0.0283
G-71243-A1	Merced	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/26/2019	2/12/2019		22.7	4.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-70254-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/27/2019	2/12/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71890-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic		1/27/2019	2/12/2019		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-72853-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/30/2019	2/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68225-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2019	2/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-62414-1A	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	6/22/2019	2/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68269-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2018	2/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70759-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	2/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71263-A1	Fresno	Wood-Burning Firebox	Gas Insert					1/29/2019	2/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72741-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/2/2019	2/14/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-71620-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/3/2019	2/14/2019		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
G-68892-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/3/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67354-A1	Merced	Non-Certified Wood Insert	Gas Fireplace					11/17/2018	2/20/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-69443-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/28/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69124-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2018	2/20/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-70125-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	12/4/2018	2/20/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-68799-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69068-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70291-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68728-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		12/8/2018	2/20/2019		29.5	7.8	54%	68%	1.15	100%	0%	0.0261	0.0055	0.0206
G-69797-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70220-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69956-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2018	2/20/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-68887-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	2/20/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69962-A1	Kern	Open Hearth Fireplace	Gas Insert					12/12/2018	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70229-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70403-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/12/2018	2/20/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-69382-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69720-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68883-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/14/2018	2/20/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69200-A1	Kern	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	12/14/2018	2/20/2019		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-69319-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69439-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69059-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.1		Non-Catalytic	TRUE	12/15/2018	2/20/2019		29.5	6.2	54%	68%	2.1	68%	32%	0.0322	0.0057	0.0265
G-69617-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/15/2018	2/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69967-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69367-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69370-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70404-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70408-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69801-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/17/2018	2/20/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-69010-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	12/18/2018	2/20/2019		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-69147-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69577-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69748-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69796-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69924-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70099-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70843-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/20/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69941-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic		12/18/2018	2/20/2019		29.5	1.98	54%	77%	2.67	100%	0%	0.0606	0.0029	0.0578
G-67471-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69755-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69815-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/19/2018	2/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70112-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	2/20/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70685-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/19/2018	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68056-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	12/20/2018	2/20/2019		2.9	0	68%	68%	2.67	68%	32%	0.0040	0.0000	0.0040
G-69691-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69787-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69820-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70213-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2018	2/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70543-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2018	2/20/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-68677-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/21/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69009-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69810-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2018	2/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70544-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2018	2/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70594-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70710-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67867-A1	Kern	Open Hearth Fireplace	Gas Insert					12/24/2018	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70432-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68255-A1	Merced	Non-Certified Pellet Insert	Gas Insert					12/26/2018	2/20/2019		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-70076-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	12/27/2018	2/20/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-69798-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2018	2/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71006-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	12/27/2018	2/20/2019		22.7	3.6	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70884-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	12/28/2018	2/20/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-69069-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2018	2/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68585-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/31/2018	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-70507-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		1/3/2019	2/20/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-70552-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/4/2019	2/20/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-68817-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	TRUE	1/7/2019	2/20/2019		29.5	6.8	54%	72%	2.61	33%	57%	0.0198	0.0042	0.0155
G-71043-A1	Fresno	Wood-Burning Firebox	Gas Insert					1/18/2019	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71185-A1	Kern	Wood-Burning Firebox	Gas Insert					1/24/2019	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69987-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/29/2019	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71550-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2019	2/20/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-71894-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/1/2019	2/20/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71886-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/6/2019	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71055-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/7/2019	2/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68448-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2018	2/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68055-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/26/2018	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69110-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2018	2/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68465-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					12/3/2018	2/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70388-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68456-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2018	2/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67603-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		12/12/2018	2/21/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-70104-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70515-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/13/2018	2/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68320-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic		12/14/2018	2/21/2019		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
G-67169-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	12/14/2018	2/21/2019		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-69574-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70005-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	2/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70261-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67582-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70008-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70115-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	2/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69775-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70129-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65879-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic	TRUE	12/21/2018	2/21/2019		22.7	3	7%	69%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-68313-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/21/2018	2/21/2019		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
G-66737-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	12/21/2018	2/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70014-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70546-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2018	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69379-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/25/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69438-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69802-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70253-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2018	2/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69808-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71845-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69969-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70210-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70234-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70505-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71000-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/2/2019	2/21/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-70900-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	2/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71226-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	2/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70992-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	1/6/2019	2/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-71203-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2019	2/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71234-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/8/2019	2/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71634-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/8/2019	2/21/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-67965-A2	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2018	2/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-67988-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/15/2018	2/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70252-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	12/4/2018	2/27/2019		29.5	2.2	54%	68%	2.67	68%	32%	0.0409	0.0026	0.0384
G-69057-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					12/5/2018	2/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68559-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2018	2/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69752-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70465-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/18/2018	2/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69056-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	2/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69964-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2018	2/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70616-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2018	2/27/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70027-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70494-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70840-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/28/2018	2/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69474-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/29/2018	2/27/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69681-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2019	2/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70435-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					1/2/2019	2/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70908-A1	Stanislaus	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	1/3/2019	2/27/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69452-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	2/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69812-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					1/4/2019	2/27/2019		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-70545-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	2/27/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69006-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	1/10/2019	2/27/2019		14.5785	0	68%	68%	2.61	33%	57%	0.0098	0.0000	0.0098
G-71240-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/12/2019	2/27/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71129-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		1/17/2019	2/27/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-71756-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/31/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70932-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/1/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72444-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/2/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72466-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/5/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-71694-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/7/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71846-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/7/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72210-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/7/2019	2/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63016-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	5/24/2018	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67860-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		11/12/2018	2/28/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-68227-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2018	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-66755-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	12/3/2018	2/28/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69793-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-65559-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	2/28/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-71554-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/18/2018	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-69385-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic		12/18/2018	2/28/2019		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-69324-A1	Kern	Wood-Burning Firebox	Gas Insert					12/19/2018	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69682-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/28/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71128-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68412-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	70	Non-Catalytic	TRUE	12/21/2018	2/28/2019		29.5	2.2	54%	70%	1.15	61%	38%	0.0159	0.0010	0.0149
G-69789-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	3.4		Non-Catalytic		12/21/2018	2/28/2019		29.5	6.8	54%	68%	2.61	100%	0%	0.0593	0.0109	0.0484
G-69925-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/27/2018	2/28/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70133-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.4	73	Non-Catalytic	TRUE	12/27/2018	2/28/2019		22.7	8.8	7%	73%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-70073-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70434-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69777-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2018	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70118-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2018	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69951-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/2/2019	2/28/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70124-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	1/2/2019	2/28/2019		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-70382-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	1/3/2019	2/28/2019		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
G-69384-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/4/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70836-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/4/2019	2/28/2019		29.5	2.2	54%	68%	2.1	53%	43%	0.0254	0.0017	0.0238
G-69758-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/7/2019	2/28/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-70108-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2019	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68797-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.4		Non-Catalytic		1/8/2019	2/28/2019		29.5	6.8	54%	68%	2.1	100%	0%	0.0477	0.0087	0.0390
G-70217-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71452-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2019	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71179-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/8/2019	2/28/2019		2.9	2.2	68%	68%	2.1	24%	59%	0.0011	0.0012	0.0000
G-70231-A1	Kern	Non-Certified Wood Insert	Certified Wood Insert	3.2	72	Non-Catalytic	TRUE	1/9/2019	2/28/2019		29.5	6.4	54%	72%	2.1	31%	51%	0.0147	0.0029	0.0118
G-69024-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70503-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2019	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71444-A1	Kern	Wood-Burning Firebox	Gas Insert					1/9/2019	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71450-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2019	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70504-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic		1/9/2019	2/28/2019		29.5	8.2	54%	68%	2.09	100%	0%	0.0475	0.0105	0.0370
G-69803-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		1/10/2019	2/28/2019		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-71410-A1	Kern	Open Hearth Fireplace	Gas Insert					1/10/2019	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70835-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/10/2019	2/28/2019		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-69011-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	1/11/2019	2/28/2019		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
G-67164-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70500-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70907-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71046-A1	Madera	Certified Wood Insert	Gas Insert					1/11/2019	2/28/2019		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-71261-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70873-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70533-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2019	2/28/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-68421-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2019	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70713-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70844-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2019	2/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71437-A1	Kern	Open Hearth Fireplace	Gas Insert					1/14/2019	2/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70534-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/15/2019	2/28/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-70760-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71502-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65906-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70263-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71867-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72647-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2019	2/28/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70743-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	2/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71400-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2019	2/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70625-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		1/19/2019	2/28/2019		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-68957-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.66		Non-Catalytic		12/4/2018	3/5/2019		29.5	1.32	54%	68%	2.1	100%	0%	0.0477	0.0017	0.0460
G-70553-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/30/2019	3/5/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-70831-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/30/2019	3/5/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-71356-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		1/30/2019	3/5/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71369-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/30/2019	3/5/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-71186-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		2/5/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70012-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2019	3/5/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71075-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/7/2019	3/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72782-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/7/2019	3/5/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-70902-A1	Kern	Open Hearth Fireplace	Gas Insert					2/8/2019	3/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70567-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/9/2019	3/5/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73307-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2019	3/5/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73013-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	3.1		Non-Catalytic	TRUE	2/11/2019	3/5/2019		22.7	6.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-71850-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/12/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72465-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2019	3/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71196-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/13/2019	3/5/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-73030-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/13/2019	3/5/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-70933-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		2/14/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72462-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		2/14/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72005-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2019	3/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72761-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2019	3/5/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-71677-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/15/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71681-A1	Kings	Open Hearth Fireplace	Gas Insert					2/15/2019	3/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72864-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		2/16/2019	3/5/2019		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73399-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	2/16/2019	3/5/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71068-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/19/2019	3/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67156-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	9/28/2018	3/11/2019		22.7	8.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-67868-A1	Kern	Open Hearth Fireplace	Gas Insert					10/15/2018	3/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68602-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/16/2018	3/11/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69963-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	3/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70111-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	3/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70007-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		12/19/2018	3/11/2019		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
G-69829-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68006-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.45	80	Catalytic	TRUE	12/21/2018	3/11/2019		22.7	0.9	7%	80%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68509-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	TRUE	12/21/2018	3/11/2019		29.5	3.8	54%	68%	2.67	68%	32%	0.0409	0.0045	0.0365
G-70466-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2018	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-70242-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/29/2018	3/11/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70257-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		1/2/2019	3/11/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-70590-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	3/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70212-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/8/2019	3/11/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70236-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2019	3/11/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69813-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2019	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70734-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.1		Non-Catalytic	TRUE	1/9/2019	3/11/2019		29.5	6.2	54%	68%	2.1	53%	43%	0.0254	0.0047	0.0207
G-71262-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/16/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70797-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					1/17/2019	3/11/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-71362-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/18/2019	3/11/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-72597-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	3/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71942-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/19/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70841-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/21/2019	3/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71132-A1	Kern	Non-Certified Wood Insert	Gas Insert					1/25/2019	3/11/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-71353-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		1/30/2019	3/11/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72496-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2019	3/11/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69944-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/9/2019	3/11/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-72222-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2019	3/11/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-73252-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2019	3/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72995-A1	Kings	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/14/2019	3/11/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-71962-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2019	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72223-A1	Kern	Open Hearth Fireplace	Gas Insert					2/15/2019	3/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72215-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		2/17/2019	3/11/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69386-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic		2/18/2019	3/11/2019		29.5	4.2	54%	68%	2.09	100%	0%	0.0475	0.0054	0.0421
G-70223-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		2/18/2019	3/11/2019		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-71913-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		2/18/2019	3/11/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73063-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2019	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72216-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/19/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73286-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		2/20/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73192-A1	Kern	Wood-Burning Firebox	Gas Insert					2/21/2019	3/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74319-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/22/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72224-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic	TRUE	2/25/2019	3/11/2019		29.5	5.8	54%	68%	2.1	33%	57%	0.0159	0.0031	0.0128
G-73699-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/27/2019	3/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73880-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2019	3/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68884-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		2/28/2019	3/11/2019		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
G-71951-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	3/1/2019	3/11/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-74274-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2019	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-65485-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2018	3/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67651-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2018	3/13/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-68508-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2018	3/13/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67874-A1	Merced	Open Hearth Fireplace	Gas Insert					12/17/2018	3/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71409-A1	Kern	Open Hearth Fireplace	Gas Insert					1/12/2019	3/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71621-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2019	3/13/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71117-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2019	3/13/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71421-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/17/2019	3/13/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
C-62615-1A	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/21/2019	3/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70745-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/21/2019	3/13/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-73300-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2019	3/13/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72092-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2019	3/13/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	3/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69016-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	3/19/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70744-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2018	3/19/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70094-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	12/31/2018	3/19/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70122-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace					1/4/2019	3/19/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71344-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2019	3/19/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69772-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2019	3/19/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68725-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2019	3/19/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70417-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	3/19/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-70243-A1	Merced	Wood-Burning Firebox	Gas Insert					1/15/2019	3/19/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70491-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2019	3/19/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72365-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2019	3/19/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74106-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2019	3/19/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-65170-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	7/10/2018	3/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65691-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		9/13/2018	3/20/2019		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-69745-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2018	3/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-68699-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	3/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70415-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/2/2019	3/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67579-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2019	3/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2019	3/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70113-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2019	3/20/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71391-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/16/2019	3/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-71670-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2019	3/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72499-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2019	3/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71950-A1	Kern	Wood-Burning Firebox	Gas Insert					1/18/2019	3/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70101-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2019	3/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71491-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	1/23/2019	3/20/2019		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
G-72757-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/2/2019	3/20/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-71787-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/4/2019	3/20/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70493-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					2/8/2019	3/20/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-71177-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		2/9/2019	3/20/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70826-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					2/12/2019	3/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72930-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2019	3/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72662-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2019	3/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73869-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2019	3/20/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74317-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2019	3/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74991-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		3/11/2019	3/20/2019		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
G-67111-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2018	3/21/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-69195-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2018	3/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2018	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-68618-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic		12/7/2018	3/21/2019		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-69304-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/7/2018	3/21/2019		29.5	7	54%	68%	2.1	24%	59%	0.0115	0.0029	0.0086
G-68979-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69467-A1	Kern	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/27/2018	3/21/2019		29.5	7	54%	68%	2.1	31%	51%	0.0147	0.0034	0.0113
G-70419-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2018	3/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70993-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2019	3/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72803-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2019	3/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69440-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2019	3/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69368-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2019	3/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70536-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71149-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/18/2019	3/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71555-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/18/2019	3/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70610-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2019	3/21/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-70676-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic		1/22/2019	3/21/2019		29.5	4.2	54%	68%	2.4	100%	0%	0.0545	0.0062	0.0484
G-70709-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	1/23/2019	3/21/2019		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
G-71377-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69376-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2019	3/21/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-71559-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/26/2019	3/21/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-71176-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2019	3/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71553-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic		2/6/2019	3/21/2019		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71489-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/13/2019	3/21/2019		22.7	8.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-72100-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73003-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.6		Non-Catalytic		2/19/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73288-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/20/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70303-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	2/21/2019	3/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71145-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		2/22/2019	3/21/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73283-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2019	3/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72996-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/22/2019	3/21/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-73287-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/22/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73702-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/23/2019	3/21/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-74059-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/23/2019	3/21/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-73666-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/26/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72830-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		3/1/2019	3/21/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72788-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73647-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		3/1/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73796-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73867-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2019	3/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73004-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/8/2019	3/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-65291-1-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.2		Non-Catalytic	FALSE	12/6/2018	3/22/2019		29.5	6.4	54%	68%	2.1	100%	0%	0.0477	0.0082	0.0395
G-71260-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	1/18/2019	3/22/2019		22.7	7.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-67244-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2018	3/25/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70147-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2018	3/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70218-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	12/21/2018	3/25/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-70738-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2018	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68607-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	1/3/2019	3/25/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-68467-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2019	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71047-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2019	3/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71676-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					1/14/2019	3/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71413-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2019	3/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71679-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/16/2019	3/25/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-71399-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71649-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71944-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-67678-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68443-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2019	3/25/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71943-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	1/21/2019	3/25/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-70715-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71691-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69868-A1	Madera	Open Hearth Fireplace	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	FALSE	1/23/2019	3/25/2019		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70538-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	1/23/2019	3/25/2019		29.5	3.2	54%	68%	1.16	48%	48%	0.0125	0.0012	0.0113
G-69690-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71376-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2019	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71496-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71639-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71680-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic		1/23/2019	3/25/2019		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-67866-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68619-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2019	3/25/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-71126-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/24/2019	3/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71229-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2019	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71993-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2019	3/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70891-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71062-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/25/2019	3/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72096-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2019	3/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71361-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71455-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71411-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2019	3/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71349-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/30/2019	3/25/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-71626-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2019	3/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71865-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/30/2019	3/25/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-72666-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/30/2019	3/25/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74279-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/1/2019	3/25/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-73976-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/12/2019	3/25/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69756-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2018	3/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-68940-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2018	3/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-69794-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/18/2018	3/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-64629-1A	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2018	3/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69948-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/25/2018	3/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70714-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/16/2019	3/26/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-70405-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2019	3/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72029-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2019	3/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67672-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2019	3/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-70550-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	1.7	76	Hybrid		1/23/2019	3/26/2019		22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-68746-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2019	3/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72185-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2019	3/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72773-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2019	3/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71862-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	1/31/2019	3/26/2019		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
G-70114-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2019	3/26/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-71644-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2019	3/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71622-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/1/2019	3/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72783-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2019	3/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72661-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.5		Non-Catalytic	TRUE	2/2/2019	3/26/2019		22.7	5	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-69997-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	2/4/2019	3/26/2019		29.5	6.4	54%	74%	1.55	54%	44%	0.0191	0.0034	0.0157
G-72251-A1	Madera	Open Hearth Fireplace	Gas Insert					2/27/2019	3/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68458-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		11/2/2018	3/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67075-A1	Fresno	Wood-Burning Firebox	Gas Insert					11/21/2018	3/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70803-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	3/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71490-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/5/2019	3/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71861-A1	Kings	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		2/20/2019	3/27/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-73305-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/4/2019	3/27/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-73929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	3/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73896-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2019	3/27/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68130-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2019	3/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73830-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2019	3/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74276-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/16/2019	3/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74639-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/16/2019	3/27/2019		22.7	4.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-74074-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/17/2019	3/27/2019		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-74373-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/17/2019	3/27/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73894-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2019	4/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74533-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/8/2019	4/2/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-73670-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/9/2019	4/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74512-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		3/12/2019	4/2/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-71071-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/19/2019	4/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73927-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		3/19/2019	4/2/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-73885-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	4/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74318-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	4/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71957-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		3/21/2019	4/2/2019		29.5	7.8	54%	68%	2.09	100%	0%	0.0475	0.0100	0.0375
G-74504-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/21/2019	4/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74517-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/22/2019	4/2/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73926-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/27/2019	4/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73005-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	4/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67589-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					12/17/2018	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69588-A1	Fresno	Non-Certified Wood Insert	Gas Insert					12/17/2018	4/3/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-68452-A1	Fresno	Wood-Burning Firebox	Gas Insert					12/20/2018	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69679-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic		12/21/2018	4/3/2019		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69686-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5	76			12/27/2018	4/3/2019		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-70800-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/7/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70089-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/9/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70487-A1	Fresno	Non-Certified Wood Insert	Gas Insert					1/9/2019	4/3/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-70264-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2019	4/3/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70459-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70385-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/14/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71063-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70430-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71193-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		1/17/2019	4/3/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-70934-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	4/3/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71647-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2019	4/3/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71200-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/23/2019	4/3/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69966-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	TRUE	1/24/2019	4/3/2019		29.5	8.2	54%	68%	2.67	68%	32%	0.0409	0.0096	0.0313
G-71953-A1	Kern	Non-Certified Wood Insert	Gas Insert					1/24/2019	4/3/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-69783-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71619-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2019	4/3/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70391-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	1/28/2019	4/3/2019		29.5	3.2	54%	68%	2.61	33%	57%	0.0198	0.0021	0.0177
G-68428-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	1/28/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72434-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	4/3/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73267-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	4/3/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72668-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic		1/28/2019	4/3/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-71121-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic		1/29/2019	4/3/2019		29.5	4	54%	72%	1.55	100%	0%	0.0352	0.0036	0.0316
G-71065-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71628-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71610-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.4	73	Non-Catalytic	TRUE	1/29/2019	4/3/2019		29.5	8.8	54%	73%	2.1	53%	43%	0.0254	0.0063	0.0192
G-70957-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.7	76	Catalytic	TRUE	1/30/2019	4/3/2019		22.7	3.4	7%	76%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-71265-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2019	4/3/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72729-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/30/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71135-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72306-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	1/31/2019	4/3/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72095-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	1/31/2019	4/3/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-72201-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70756-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/2/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72594-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2019	4/3/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71561-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2019	4/3/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-73372-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/5/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72648-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/6/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72193-A1	Kern	Open Hearth Fireplace	Gas Insert					2/7/2019	4/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71864-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70679-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71195-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73874-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	4/3/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72833-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	3/11/2019	4/3/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-74174-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2019	4/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74146-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2019	4/3/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-74236-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/24/2019	4/3/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74718-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	4/3/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69151-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/19/2018	4/10/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-68323-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/26/2018	4/10/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-65878-A1	Kern	Open Hearth Fireplace	Gas Insert					1/3/2019	4/10/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70513-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2019	4/10/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71048-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/25/2019	4/10/2019		22.7	8.4	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-72432-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72363-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/1/2019	4/10/2019		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
G-71394-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2019	4/10/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71498-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71997-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71500-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/9/2019	4/10/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-73430-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/25/2019	4/10/2019		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
G-72438-A1	Fresno	Non-Certified Wood Insert	Gas Insert					2/26/2019	4/10/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-70531-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					3/4/2019	4/10/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74070-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74249-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74616-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2019	4/10/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69321-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2018	4/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67680-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/3/2019	4/16/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-68947-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2019	4/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71722-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2019	4/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70429-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	4/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71131-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2019	4/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71934-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2019	4/16/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-68558-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	4/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72439-A1	Kern	Open Hearth Fireplace	Gas Insert					1/30/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70501-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2019	4/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71642-A1	Fresno	Wood-Burning Firebox	Gas Insert					2/5/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71693-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2019	4/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72191-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2019	4/16/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-72731-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2019	4/16/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-71415-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	2/6/2019	4/16/2019		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
G-72676-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/6/2019	4/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72768-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic		2/6/2019	4/16/2019		29.5	3.2	54%	68%	2.67	100%	0%	0.0606	0.0052	0.0554
G-71564-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/7/2019	4/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72195-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4		Non-Catalytic		2/7/2019	4/16/2019		29.5	8	54%	68%	1.57	100%	0%	0.0357	0.0077	0.0280
G-72639-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	0.89	70	Non-Catalytic		2/7/2019	4/16/2019		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72016-A1	Kern	Open Hearth Fireplace	Gas Insert					2/8/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72425-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2019	4/16/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-72778-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2019	4/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73795-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2019	4/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73191-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2019	4/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73171-A1	Kern	Wood-Burning Firebox	Gas Insert					2/13/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73253-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2019	4/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72763-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/14/2019	4/16/2019		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
G-72769-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2019	4/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72184-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		2/16/2019	4/16/2019		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-72593-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2019	4/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71258-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2019	4/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71424-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/27/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73991-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		3/8/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73990-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		3/13/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68752-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/22/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74282-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2019	4/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72190-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/26/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74579-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic		3/27/2019	4/16/2019		2.9	3.6	68%	68%	2.09	100%	0%	0.0047	0.0058	-0.0011
G-74514-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/28/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74502-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	3/30/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74516-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/30/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74165-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/31/2019	4/16/2019		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-74755-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/2/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-74693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2019	4/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75114-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	4/3/2019	4/16/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73700-A1	Tulare	Open Hearth Fireplace	Gas Insert					4/4/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73886-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/4/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75464-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/5/2019	4/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75177-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2019	4/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73055-A1	Fresno	Open Hearth Fireplace	Gas Insert					9/12/2019	4/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73255-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2019	4/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73254-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2019	4/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73503-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2019	4/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73977-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	2/25/2019	4/18/2019		14.5785	0	68%	68%	2.61	33%	57%	0.0098	0.0000	0.0098
C-63490-1A	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/7/2018	4/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71232-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic		12/15/2018	4/25/2019		29.5	6.4	54%	74%	2.09	100%	0%	0.0475	0.0075	0.0400
G-73736-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert					2/14/2019	4/25/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-73334-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	4/25/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72919-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2019	4/25/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74376-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					3/5/2019	4/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73507-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/6/2019	4/25/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-70508-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2019	4/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73887-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/9/2019	4/25/2019		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-75246-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic		4/15/2019	4/25/2019		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72658-A1	Kern	Wood-Burning Firebox	Gas Insert					1/28/2019	5/1/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69397-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/29/2019	5/1/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-72433-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2019	5/1/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71503-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2019	5/1/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72931-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic		2/7/2019	5/1/2019		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-71947-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2019	5/1/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-72199-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/19/2019	5/1/2019		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-73230-A1	Kern	Wood-Burning Firebox	Gas Insert					2/19/2019	5/1/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
C-57649-1A	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2019	5/1/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-73655-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	3/8/2019	5/1/2019		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
G-72678-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2019	5/1/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69930-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2019	5/1/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74661-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/23/2019	5/1/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73007-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	5/1/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62418-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	FALSE	4/2/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73051-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/2/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-73050-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/3/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-73868-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2019	5/1/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72784-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/5/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-74370-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/5/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71757-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/8/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-71178-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/9/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-73259-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/9/2019	5/1/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-75461-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/9/2019	5/1/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76444-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/12/2019	5/1/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-66742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2019	5/1/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72997-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.5		Non-Catalytic		4/14/2019	5/1/2019		29.5	5	54%	68%	2.1	100%	0%	0.0477	0.0064	0.0413
G-75466-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/16/2019	5/1/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-69046-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		4/18/2019	5/1/2019		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
G-68605-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	11/6/2018	5/2/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-69732-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2018	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-66780-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2018	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69742-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/17/2018	5/2/2019		22.7	2.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69070-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/31/2018	5/2/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-69394-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	1/2/2019	5/2/2019		29.5	6.4	54%	74%	2.4	53%	43%	0.0291	0.0051	0.0239
G-71201-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	1/3/2019	5/2/2019		22.7	5.8	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-71120-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	5/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71143-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	TRUE	1/11/2019	5/2/2019		29.5	5.2	54%	68%	2.67	68%	32%	0.0409	0.0061	0.0348
G-72753-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	3.4		Non-Catalytic		1/14/2019	5/2/2019		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-71849-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70887-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		1/18/2019	5/2/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-70399-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/25/2019	5/2/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-71692-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/25/2019	5/2/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-69199-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/28/2019	5/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70225-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71618-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71719-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72646-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69955-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70302-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/30/2019	5/2/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-70259-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73123-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/1/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71180-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.8		Non-Catalytic		2/1/2019	5/2/2019		2.9	3.6	68%	68%	2.1	100%	0%	0.0047	0.0058	-0.0011
G-71919-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.8	68	Non-Catalytic	TRUE	2/1/2019	5/2/2019		29.5	7.6	54%	68%	1.15	61%	38%	0.0159	0.0035	0.0124
G-70899-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71579-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/6/2019	5/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71863-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72196-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	2/6/2019	5/2/2019		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
G-71856-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71866-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73185-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.9		Non-Catalytic		2/8/2019	5/2/2019		29.5	5.8	54%	68%	1.55	100%	0%	0.0352	0.0055	0.0297
G-70238-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	2/9/2019	5/2/2019		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-70458-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72094-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72364-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73739-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/11/2019	5/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71373-A1	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	2/12/2019	5/2/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-72755-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/12/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72588-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72916-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
C-62549-1A	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2019	5/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72638-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71640-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72187-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72249-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72971-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73000-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72427-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72777-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73056-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		2/16/2019	5/2/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-70819-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic	TRUE	2/18/2019	5/2/2019		22.7	8.8	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-72205-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72926-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73229-A1	Kern	Open Hearth Fireplace	Gas Insert					2/18/2019	5/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72186-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72637-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2019	5/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73576-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73001-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/19/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70889-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/20/2019	5/2/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-72250-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		2/20/2019	5/2/2019		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-72652-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73064-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73066-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	5/2/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-73233-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73922-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	2/20/2019	5/2/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-64666-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72623-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/21/2019	5/2/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73854-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73985-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	2/21/2019	5/2/2019		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-72770-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/22/2019	5/2/2019		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-73027-A1	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	2/22/2019	5/2/2019		22.7	2.6	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-73092-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/23/2019	5/2/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-73303-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73561-A1	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	2/23/2019	5/2/2019		22.7	2.6	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-73043-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/25/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74284-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2019	5/2/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74487-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/25/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-73068-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/26/2019	5/2/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-69747-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2019	5/2/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-69325-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2019	5/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71253-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73285-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69784-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/4/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73631-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2019	5/2/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74774-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/6/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75460-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/9/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75458-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75455-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		4/10/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75849-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2019	5/2/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-76203-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2019	5/2/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-74765-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic		4/15/2019	5/2/2019		29.5	8	54%	68%	2.09	100%	0%	0.0475	0.0102	0.0373
G-69579-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/16/2019	5/2/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75181-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/17/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-75316-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	TRUE	4/17/2019	5/2/2019		29.5	3.2	54%	68%	2.61	33%	57%	0.0198	0.0021	0.0177
G-76440-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/17/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76065-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/18/2019	5/2/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73892-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75848-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2019	5/2/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73277-A1	Madera	Open Hearth Fireplace	Gas Insert					2/13/2019	5/7/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72771-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2019	5/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72970-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/2/2019	5/7/2019		22.7	5.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-72815-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					3/12/2019	5/7/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-73328-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		3/13/2019	5/7/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-71118-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2019	5/7/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74760-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic		3/25/2019	5/7/2019		22.7	4.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73276-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					4/2/2019	5/7/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74665-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					4/3/2019	5/7/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74713-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2019	5/7/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74773-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	4/11/2019	5/7/2019		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-76059-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2019	5/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73406-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	4/23/2019	5/7/2019		2.9	0	68%	68%	2.61	33%	57%	0.0019	0.0000	0.0019
G-75944-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2019	5/7/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-68679-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	4/28/2019	5/7/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-72599-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.8		Non-Catalytic		2/27/2019	5/8/2019		22.7	3.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73882-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	2/28/2019	5/8/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71418-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2019	5/14/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-71053-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/8/2019	5/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2019	5/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73680-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/14/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73089-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2019	5/14/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73172-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic		4/12/2019	5/14/2019		22.7	7	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-76406-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		4/24/2019	5/14/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70121-A2	Kings	Wood-Burning Firebox	Gas Insert				FALSE	12/17/2018	5/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71074-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/31/2018	5/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72180-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2019	5/15/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70746-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2019	5/15/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72463-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2019	5/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69733-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2019	5/15/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72018-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		2/1/2019	5/15/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-71448-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	2/7/2019	5/15/2019		29.5	7.2	54%	68%	2.1	68%	32%	0.0322	0.0067	0.0255
G-72808-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2019	5/15/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72467-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic		2/15/2019	5/15/2019		22.7	3	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-69374-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/19/2019	5/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-69751-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					2/19/2019	5/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73279-A1	Stanislaus	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	2/20/2019	5/15/2019		22.7	4.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-73788-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70078-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	2/23/2019	5/15/2019		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
G-71696-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic		2/26/2019	5/15/2019		22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-73295-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2019	5/15/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71674-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	3		Non-Catalytic		2/27/2019	5/15/2019		22.7	6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71994-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/27/2019	5/15/2019		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-73425-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	3/1/2019	5/15/2019		22.7	9	7%	71%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-73088-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/1/2019	5/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74320-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic		3/2/2019	5/15/2019		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-76286-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2019	5/15/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69023-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	12/17/2018	5/21/2019		29.5	3	54%	70%	2.1	24%	59%	0.0115	0.0012	0.0103
G-70141-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2019	5/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71612-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic		1/13/2019	5/21/2019		29.5	3.6	54%	68%	2.61	100%	0%	0.0593	0.0057	0.0535
G-70906-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2019	5/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72967-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	3/4/2019	5/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72659-A1	Fresno	Non-Certified Wood Insert	Gas Insert					3/5/2019	5/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-71439-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2019	5/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73351-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					3/8/2019	5/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74684-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace					3/12/2019	5/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-74554-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2019	5/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-75895-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	3.4		Non-Catalytic	TRUE	4/11/2019	5/21/2019		22.7	6.8	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-71754-A1	Tulare	Open Hearth Fireplace	Gas Insert					4/25/2019	5/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71718-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2019	5/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-76462-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/8/2019	5/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76569-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/11/2019	5/21/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77543-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2019	5/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69814-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69832-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	12/31/2018	5/22/2019		22.7	9	7%	71%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-69366-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72429-A1	Fresno	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	3/1/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73292-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2019	5/22/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73708-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73855-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74521-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/21/2019	5/22/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-74506-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	4/18/2019	5/22/2019		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-71492-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		4/24/2019	5/22/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-73256-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic		4/26/2019	5/22/2019		29.5	3.2	54%	73%	2.1	100%	0%	0.0477	0.0038	0.0439
G-76407-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	4/26/2019	5/22/2019		29.5	7.2	54%	68%	1.16	48%	48%	0.0125	0.0028	0.0098
G-70414-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5	73	Non-Catalytic		5/1/2019	5/22/2019		22.7	7	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-72797-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2019	5/22/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73257-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/4/2019	5/22/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2019	5/22/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-69896-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	4		Non-Catalytic	TRUE	1/19/2019	5/28/2019		22.7	8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-72437-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2019	5/28/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74063-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/20/2019	5/28/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72088-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2019	5/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73294-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2019	5/28/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73404-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2019	5/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71505-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/1/2019	5/28/2019		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
G-73335-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2019	5/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74073-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2019	5/28/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70535-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2019	5/28/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
C-61467-1A	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	TRUE	3/7/2019	5/28/2019		22.7	5.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-72772-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2019	5/28/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73924-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.9		Non-Catalytic	TRUE	3/7/2019	5/28/2019		22.7	3.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73579-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2019	5/28/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74500-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2019	5/28/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72852-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	3/9/2019	5/28/2019		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-68750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2018	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67171-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70834-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73091-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		1/25/2019	5/29/2019		29.5	1.46	54%	68%	2.09	100%	0%	0.0475	0.0019	0.0456
G-71228-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/1/2019	5/29/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-67943-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/12/2019	5/29/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-68470-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-61507-2B	Tulare	Certified Wood Insert	Gas Insert				TRUE	2/19/2019	5/29/2019		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-72780-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					2/19/2019	5/29/2019		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-73126-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73370-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73409-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/22/2019	5/29/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-72431-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		2/23/2019	5/29/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-72849-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2019	5/29/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74337-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2019	5/29/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73329-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2019	5/29/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73981-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2019	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74124-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2019	5/29/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73573-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	3/5/2019	5/29/2019		29.5	9	54%	71%	2.1	54%	44%	0.0258	0.0067	0.0192
G-73242-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2019	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73337-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/6/2019	5/29/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73336-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	3/7/2019	5/29/2019		29.5	2.2	54%	68%	2.1	24%	59%	0.0115	0.0009	0.0106
G-73578-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/8/2019	5/29/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-72813-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2019	5/29/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73724-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					3/9/2019	5/29/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71426-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/11/2019	5/29/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-71204-A1	Kern	Wood-Burning Firebox	Gas Insert					3/12/2019	5/29/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73785-A1	Fresno	Wood-Burning Firebox	Gas Insert					3/12/2019	5/29/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74248-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2019	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74576-A1	Kings	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/12/2019	5/29/2019		29.5	4.2	54%	68%	2.1	48%	48%	0.0227	0.0029	0.0197
G-74173-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2019	5/29/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73244-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2019	5/29/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73857-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71342-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2019	5/29/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74642-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74767-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		3/26/2019	5/29/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-74501-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2019	5/29/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73333-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/3/2019	5/29/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-76449-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2019	5/29/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76710-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/14/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77530-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/14/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76063-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/16/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76199-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/16/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76556-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/16/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73061-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/18/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-76457-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/18/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73961-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	5/20/2019	5/29/2019		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
G-77093-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/22/2019	5/29/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-69867-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2018	5/29/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72929-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2019	5/30/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-75112-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2019	5/30/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
C-64833-1A	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	7/13/2018	6/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71205-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		11/24/2018	6/4/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-71632-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2019	6/4/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-70392-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/1/2019	6/4/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74515-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2019	6/4/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74099-A1	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	3/21/2019	6/4/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-74252-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic		3/26/2019	6/4/2019		29.5	6.8	54%	68%	2.61	33%	57%	0.0198	0.0045	0.0153
G-69947-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	6/4/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-74476-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2019	6/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75351-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/4/2019	6/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72836-A1	Kern	Open Hearth Fireplace	Gas Insert					4/5/2019	6/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75887-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2019	6/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-76143-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2019	6/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75232-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2019	6/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75467-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert					5/1/2019	6/4/2019		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-75956-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2019	6/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-76528-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/15/2019	6/4/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77537-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/15/2019	6/4/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75889-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic		5/18/2019	6/4/2019		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77547-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic		5/18/2019	6/4/2019		29.5	3.2	54%	73%	2.1	100%	0%	0.0477	0.0038	0.0439
G-77506-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.1	75	Non-Catalytic	TRUE	5/19/2019	6/4/2019		22.7	4.2	7%	75%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-77531-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2019	6/4/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-76764-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/24/2019	6/4/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-68724-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	5/24/2019	6/4/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-77795-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/24/2019	6/4/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77084-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2019	6/4/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-67163-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/8/2018	6/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71197-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.8	80	Catalytic		2/11/2019	6/5/2019		22.7	3.6	7%	80%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-72207-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/23/2019	6/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72188-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2019	6/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73497-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2019	6/5/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74586-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/13/2019	6/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-65554-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2019	6/5/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73716-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2019	6/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74524-A1	Kern	Wood-Burning Firebox	Gas Insert					3/18/2019	6/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77007-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/29/2019	6/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74149-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2019	6/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74369-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2019	6/5/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-72812-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		4/8/2019	6/5/2019		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-71996-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2019	6/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74742-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/1/2019	6/5/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-74425-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		5/25/2019	6/5/2019		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75840-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		5/25/2019	6/5/2019		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-63210-1A	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic	TRUE	5/26/2019	6/5/2019		22.7	3.2	7%	73%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-77703-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/29/2019	6/5/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67351-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic		6/1/2019	6/5/2019		29.5	4.2	54%	68%	2.09	100%	0%	0.0475	0.0054	0.0421
G-78153-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	6/2/2019	6/5/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-74246-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2019	6/10/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74071-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	3/9/2019	6/10/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-71359-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	82	Catalytic		3/19/2019	6/10/2019		29.5	3.6	54%	82%	2.61	100%	0%	0.0593	0.0048	0.0545
G-75069-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2019	6/10/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71784-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	3/26/2019	6/10/2019		29.5	3	54%	76%	2.1	53%	43%	0.0254	0.0020	0.0234
G-71891-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2019	6/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73862-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		3/15/2019	6/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74832-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic		4/7/2019	6/11/2019		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-72213-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2019	6/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73141-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		4/19/2019	6/11/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71761-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	5/1/2019	6/11/2019		22.7	3.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-66263-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2018	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68737-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Catalytic	TRUE	11/15/2018	6/12/2019		29.5	2.2	54%	68%	2.4	53%	43%	0.0291	0.0019	0.0272
G-70838-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/9/2019	6/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72428-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73871-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/12/2019	6/12/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-70393-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		2/15/2019	6/12/2019		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-73065-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	2/22/2019	6/12/2019		29.5	8.2	54%	68%	2.1	33%	57%	0.0159	0.0043	0.0116
G-70540-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2019	6/12/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-73651-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					2/27/2019	6/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73791-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2019	6/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72801-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2019	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73720-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2019	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74366-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2019	6/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73878-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					3/11/2019	6/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71378-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2019	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74474-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2019	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72924-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73931-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	6/12/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73538-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.7	78	Non-Catalytic		3/15/2019	6/12/2019		22.7	1.4	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75111-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	3/15/2019	6/12/2019		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-72219-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/18/2019	6/12/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74585-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75103-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					3/19/2019	6/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72817-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75110-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	6/12/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71494-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2019	6/12/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-74270-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74984-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2019	6/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74570-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2019	6/12/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74619-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2019	6/12/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-75939-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/10/2019	6/12/2019		29.5	8.2	54%	68%	2.1	61%	38%	0.0290	0.0070	0.0221
G-75028-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2019	6/12/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-75448-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	4/18/2019	6/12/2019		29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
G-71140-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74740-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2019	6/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74753-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/2/2019	6/12/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-76555-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		5/8/2019	6/12/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-76057-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	5/17/2019	6/12/2019		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-73332-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2019	6/12/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77683-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/22/2019	6/12/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-76453-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/22/2019	6/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77704-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/23/2019	6/12/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74429-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2019	6/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-77086-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	5/29/2019	6/12/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-77838-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/30/2019	6/12/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-74828-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2019	6/13/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74930-A1	Fresno	Wood-Burning Firebox	Gas Insert					4/7/2019	6/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-68207-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2018	6/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72814-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.4		Non-Catalytic		3/5/2019	6/17/2019		29.5	8.8	54%	68%	1.15	100%	0%	0.0261	0.0062	0.0199
G-74829-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	6/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75462-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2019	6/17/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72818-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/27/2019	6/17/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-75807-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2019	6/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73278-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2019	6/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75345-A1	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.3		Non-Catalytic		4/26/2019	6/17/2019		2.9	2.6	68%	68%	2.1	100%	0%	0.0047	0.0042	0.0005
G-73270-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic		5/2/2019	6/17/2019		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-75781-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/2/2019	6/17/2019		29.5	5.8	54%	68%	2.1	53%	43%	0.0254	0.0044	0.0210
G-68945-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	6/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72796-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/7/2019	6/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74711-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	2.1		Non-Catalytic	TRUE	3/18/2019	6/18/2019		29.5	4.2	54%	68%	1.55	54%	44%	0.0191	0.0024	0.0167
G-73972-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2019	6/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74577-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	3/20/2019	6/18/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-74564-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					3/21/2019	6/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74271-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic		3/21/2019	6/18/2019		29.5	7	54%	68%	2.61	100%	0%	0.0593	0.0112	0.0481
G-74258-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/25/2019	6/18/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-71785-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	3/26/2019	6/18/2019		29.5	4.2	54%	68%	2.1	53%	43%	0.0254	0.0032	0.0222
G-73189-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace					3/26/2019	6/18/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-74664-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2019	6/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75218-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	4/11/2019	6/19/2019		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
G-73493-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	3/13/2019	6/20/2019		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-74568-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	6/20/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73677-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	4/2/2019	6/20/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75642-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	4/2/2019	6/20/2019		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74557-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2019	6/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72503-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2019	6/20/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73326-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.7	72	Non-Catalytic	TRUE	4/15/2019	6/20/2019		29.5	5.4	54%	72%	1.57	31%	51%	0.0110	0.0019	0.0091
G-75066-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	4/16/2019	6/20/2019		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-74758-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic		4/22/2019	6/20/2019		29.5	3.2	54%	73%	2.1	100%	0%	0.0477	0.0038	0.0439
G-73274-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		5/1/2019	6/20/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71763-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/2/2019	6/20/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-76404-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/2/2019	6/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75690-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2019	6/20/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70589-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.9		Non-Catalytic		5/9/2019	6/20/2019		29.5	5.8	54%	68%	2.61	100%	0%	0.0593	0.0093	0.0500
G-74569-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2019	6/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75178-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		5/25/2019	6/20/2019		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
G-74621-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.66		Non-Catalytic	TRUE	5/28/2019	6/20/2019		22.7	1.32	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-77791-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/30/2019	6/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77235-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/31/2019	6/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77172-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/1/2019	6/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78260-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		6/5/2019	6/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78327-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2019	6/20/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78265-A1	Tulare	Open Hearth Fireplace	Gas Insert					6/9/2019	6/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71860-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		6/10/2019	6/20/2019		29.5	9	54%	75%	2.61	100%	0%	0.0593	0.0130	0.0463
G-78258-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	6/15/2019	6/20/2019		22.7	4.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-72649-A1	Merced	Open Hearth Fireplace	Gas Insert					3/14/2019	6/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75124-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2019	6/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73110-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/27/2019	6/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74835-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/9/2019	6/25/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74507-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2019	6/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77835-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		6/12/2019	6/25/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78278-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2019	6/25/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-78372-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/15/2019	6/25/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-70813-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2019	6/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75108-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2019	7/11/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74989-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/12/2019	7/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-76552-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic		5/7/2019	7/11/2019		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72810-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	4.4		Non-Catalytic		3/27/2019	7/12/2019		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-76045-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					4/18/2019	7/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-72915-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2019	7/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74107-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	7/15/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73403-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/18/2019	7/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74563-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/28/2019	7/15/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-72727-A1	Madera	Wood-Burning Firebox	Gas Insert					3/31/2019	7/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74062-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2019	7/15/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-71073-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		4/3/2019	7/15/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75326-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic		4/26/2019	7/15/2019		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-74736-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/2/2019	7/15/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-78262-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		5/28/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78266-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/7/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77836-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/8/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-77088-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/11/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78344-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/11/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-76450-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/12/2019	7/15/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78261-A1	Tulare	Wood-Burning Firebox	Gas Insert					6/14/2019	7/15/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78279-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/14/2019	7/15/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78275-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	6/18/2019	7/15/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-78286-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/18/2019	7/15/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-79310-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/18/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78502-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.1	75	Non-Catalytic	TRUE	6/22/2019	7/15/2019		22.7	4.2	7%	75%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-78939-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.1	75	Non-Catalytic	TRUE	6/24/2019	7/15/2019		22.7	4.2	7%	75%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-77837-A2	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	5/23/2019	7/15/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72003-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2019	7/16/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72182-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2019	7/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72767-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2019	7/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72972-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	3/8/2019	7/16/2019		22.7	4.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-73501-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	3/11/2019	7/16/2019		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
G-71416-A1	Fresno	Certified Wood Insert	Gas Fireplace					3/13/2019	7/16/2019		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-74112-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2019	7/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73738-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/20/2019	7/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73371-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2019	7/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-73960-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					3/26/2019	7/16/2019		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-73649-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	7/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74720-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	7/16/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75449-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					4/1/2019	7/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75451-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2019	7/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73718-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	4/2/2019	7/16/2019		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-73407-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2019	7/16/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-75102-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2019	7/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75165-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2019	7/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73919-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	7/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74473-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	4/4/2019	7/16/2019		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-75452-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2019	7/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75236-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	4/10/2019	7/16/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-76042-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2019	7/16/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-75936-A1	Fresno	Non-Certified Wood Insert	Gas Insert					4/22/2019	7/16/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-75965-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2019	7/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-76223-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2019	7/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-70117-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		4/26/2019	7/16/2019		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-75105-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2019	7/16/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75442-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9	74	Non-Catalytic	TRUE	5/2/2019	7/16/2019		22.7	5.8	7%	74%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-74556-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/9/2019	7/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76300-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	5/31/2019	7/16/2019		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
G-77782-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/17/2019	7/16/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-79298-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		6/19/2019	7/16/2019		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-75382-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2019	7/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71136-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2019	7/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-72587-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2019	7/23/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74061-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/26/2019	7/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71499-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	3/8/2019	7/23/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-74399-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	3/21/2019	7/23/2019		29.5	2.2	54%	68%	2.61	33%	57%	0.0198	0.0014	0.0183
G-73663-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2019	7/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73225-A1	Merced	Wood-Burning Firebox	Gas Insert					4/1/2019	7/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73706-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	4/8/2019	7/23/2019		22.7	2.2	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-76401-A1	Kern	Non-Certified Pellet Insert	Gas Insert					4/10/2019	7/23/2019		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-77892-A1	Fresno	Non-Certified Wood Insert	Gas Insert					5/17/2019	7/23/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-76835-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	6/10/2019	7/23/2019		22.7	3.6	7%	80%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-70566-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		1/14/2019	7/24/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74583-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	3/23/2019	7/24/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-71780-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2019	7/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72209-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	3/27/2019	7/24/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-76464-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	4/5/2019	7/24/2019		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-75325-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2019	7/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-73250-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		5/2/2019	7/24/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73861-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/3/2019	7/24/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-77545-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2019	7/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76903-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/15/2019	7/24/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-75785-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		6/5/2019	7/24/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-74917-A1	Kern	Wood-Burning Firebox	Gas Insert					6/13/2019	7/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78270-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2019	7/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78312-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2019	7/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-79619-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2019	7/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78937-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/22/2019	7/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79372-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2019	7/24/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-76570-A1	Fresno	Open Hearth Fireplace	Gas Insert					6/25/2019	7/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78936-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2019	7/24/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78729-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		6/26/2019	7/24/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78307-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	6/27/2019	7/24/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-78725-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		6/27/2019	7/24/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-79373-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/27/2019	7/24/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-73865-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic		6/29/2019	7/24/2019		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-78259-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic	TRUE	6/29/2019	7/24/2019		22.7	3.2	7%	73%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-78283-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2019	7/24/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73140-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2019	7/24/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78147-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		7/2/2019	7/24/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78733-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	7/2/2019	7/24/2019		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-79374-A1	Merced	Open Hearth Fireplace	Gas Insert					7/2/2019	7/24/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73667-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/29/2019	7/25/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-75794-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/30/2019	7/25/2019		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-75324-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2019	7/25/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75779-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2019	7/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75576-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	5/10/2019	7/25/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-77544-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		5/30/2019	7/25/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-77705-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic		7/5/2019	7/25/2019		29.5	3.2	54%	68%	1.16	100%	0%	0.0263	0.0023	0.0241
G-67828-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/16/2018	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-68612-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic		12/5/2018	7/26/2019		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-69929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2018	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-72204-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73494-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/22/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73224-A1	Fresno	Non-Certified Wood Insert	Gas Insert					2/27/2019	7/26/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-72635-A1	Stanislaus	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic		3/1/2019	7/26/2019		22.7	4.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
C-60033-1A	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-70306-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72098-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74281-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/18/2019	7/26/2019		29.5	8.2	54%	68%	2.1	24%	59%	0.0115	0.0034	0.0081
G-74762-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2019	7/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
C-65319-1-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74615-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74394-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	3/22/2019	7/26/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-73668-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		3/25/2019	7/26/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
C-61977-1A	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-71257-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74499-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	3.9		Non-Catalytic	TRUE	3/27/2019	7/26/2019		22.7	7.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-74715-A1	Tulare	Wood-Burning Firebox	Gas Insert					3/28/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73983-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		3/28/2019	7/26/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-74588-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		3/28/2019	7/26/2019		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-74498-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74867-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic		3/29/2019	7/26/2019		22.7	6.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71578-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75118-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75101-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		3/31/2019	7/26/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-72592-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.4	73	Non-Catalytic	TRUE	4/1/2019	7/26/2019		22.7	8.8	7%	73%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-75465-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74275-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/3/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74397-A1	Madera	Open Hearth Fireplace	Gas Insert					4/3/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73269-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1	77	Catalytic	TRUE	4/4/2019	7/26/2019		29.5	2.2	54%	77%	2.4	53%	43%	0.0291	0.0017	0.0274
G-74155-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74749-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-74852-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75167-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75346-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/4/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75349-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	4/4/2019	7/26/2019		29.5	7	54%	68%	2.1	54%	44%	0.0258	0.0054	0.0204
G-74273-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic		4/5/2019	7/26/2019		29.5	2.2	54%	68%	2.4	100%	0%	0.0545	0.0032	0.0513
G-69048-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	4/5/2019	7/26/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-75411-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73709-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/6/2019	7/26/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-75166-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					4/6/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73727-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8	66	Non-Catalytic		4/8/2019	7/26/2019		29.5	3.6	54%	66%	2.09	100%	0%	0.0475	0.0047	0.0427
G-74559-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75348-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		4/8/2019	7/26/2019		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-70591-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2019	7/26/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-75603-A1	Kern	Non-Certified Pellet Insert	Gas Insert					4/9/2019	7/26/2019		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-75222-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	4/9/2019	7/26/2019		29.5	7.2	54%	68%	2.1	53%	43%	0.0254	0.0055	0.0199
G-67170-A1	Madera	Open Hearth Fireplace	Gas Fireplace				TRUE	4/10/2019	7/26/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-75527-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-71848-A1	Tulare	Open Hearth Fireplace	Gas Insert					4/11/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75228-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75959-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					4/11/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73853-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2019	7/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75940-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73297-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					4/15/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75243-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75223-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	4/16/2019	7/26/2019		2.9	2.2	68%	68%	2.61	33%	57%	0.0019	0.0018	0.0001
G-74552-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76412-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74831-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	4/19/2019	7/26/2019		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-76317-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	4/19/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74985-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74591-A1	Merced	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	4/23/2019	7/26/2019		14.5785	0	68%	68%	2.67	68%	32%	0.0202	0.0000	0.0202
G-75575-A1	Fresno	Wood-Burning Firebox	Gas Insert					4/23/2019	7/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75941-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75067-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	4/26/2019	7/26/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-75898-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2019	7/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75604-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/2/2019	7/26/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-74618-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2019	7/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-75716-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/2/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76398-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2019	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67283-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	5/3/2019	7/26/2019		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-75725-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/3/2019	7/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-75938-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2019	7/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-76060-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		5/4/2019	7/26/2019		29.5	7.2	54%	68%	1.55	100%	0%	0.0352	0.0068	0.0284
G-70514-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		5/6/2019	7/26/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-75450-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2019	7/26/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-69369-A2	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2018	7/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75447-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2019	7/30/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75644-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	4/15/2019	7/30/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-76739-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2019	7/30/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-76741-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	5/17/2019	7/30/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-80196-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/19/2019	7/30/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-80197-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2019	7/30/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70593-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2018	7/31/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75787-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2019	7/31/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-73049-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/3/2019	7/31/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-76744-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/15/2019	7/31/2019		22.7	5.8	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-75943-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2019	7/31/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-77840-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	6/11/2019	7/31/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-78263-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2019	7/31/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2019	7/31/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79370-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/26/2019	7/31/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78340-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/27/2019	7/31/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74761-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		6/28/2019	7/31/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76904-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		7/1/2019	7/31/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78724-A1	Fresno	Open Hearth Fireplace	Gas Insert					7/3/2019	7/31/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-79369-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/3/2019	7/31/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-78940-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2019	7/31/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74851-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2019	7/31/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77707-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	7/8/2019	7/31/2019		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-78343-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		7/9/2019	7/31/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75378-A1	Tulare	Open Hearth Fireplace	Gas Insert					7/9/2019	7/31/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75961-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2019	7/31/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79625-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		7/10/2019	7/31/2019		29.5	7.2	54%	68%	2.4	100%	0%	0.0545	0.0106	0.0439
G-75065-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic	TRUE	7/16/2019	7/31/2019		29.5	9	54%	75%	2.61	33%	57%	0.0198	0.0054	0.0144
G-73125-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic		7/18/2019	7/31/2019		22.7	3.6	7%	80%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-73188-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	3/29/2019	8/1/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-71939-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	4/11/2019	8/1/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-75329-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2019	8/1/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-77593-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2019	8/1/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-59142-1A	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	11/13/2018	8/5/2019		29.5	7.2	54%	68%	2.1	24%	59%	0.0115	0.0030	0.0085
G-69926-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/20/2018	8/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-76011-A1	Kern	Wood-Burning Firebox	Gas Insert					4/9/2019	8/5/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74528-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic		4/27/2019	8/5/2019		29.5	6.2	54%	68%	1.15	100%	0%	0.0261	0.0044	0.0218
G-76738-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	4		Non-Catalytic	TRUE	5/11/2019	8/5/2019		29.5	8	54%	68%	2.61	33%	57%	0.0198	0.0053	0.0145
G-77538-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2.9	74	Non-Catalytic		5/17/2019	8/5/2019		29.5	5.8	54%	74%	2.1	100%	0%	0.0477	0.0068	0.0409
G-68610-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2018	8/5/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75459-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		5/17/2019	8/7/2019		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
G-78272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/4/2019	8/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79757-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2019	8/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79741-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/18/2019	8/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76233-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/22/2019	8/7/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80349-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/23/2019	8/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-80352-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		7/23/2019	8/7/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-79768-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	7/24/2019	8/7/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-80015-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2019	8/7/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-79748-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/26/2019	8/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-79762-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		7/31/2019	8/7/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-67873-A1	Merced	Open Hearth Fireplace	Gas Insert					11/11/2018	8/8/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-71859-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		2/21/2019	8/8/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-74156-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/24/2019	8/8/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73646-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/12/2019	8/8/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-70418-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5	73	Non-Catalytic		3/26/2019	8/8/2019		29.5	7	54%	73%	2.1	100%	0%	0.0477	0.0084	0.0393
G-73246-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/28/2019	8/8/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-70586-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2019	8/8/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78501-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic		6/14/2019	8/8/2019		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
G-80130-A1	Fresno	Open Hearth Fireplace	Gas Insert					7/27/2019	8/8/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73506-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	3/19/2019	8/13/2019		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-75104-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2019	8/13/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-74830-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/1/2019	8/13/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-72969-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2019	8/13/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74913-A1	Fresno	Wood-Burning Firebox	Gas Insert					5/20/2019	8/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75777-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/24/2019	8/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75117-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2019	8/13/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-78324-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	6/10/2019	8/13/2019		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-78932-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2019	8/13/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79766-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		7/24/2019	8/13/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-78277-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		7/25/2019	8/13/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-81075-A1	Tulare	Wood-Burning Firebox	Gas Insert					7/30/2019	8/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81077-A1	Tulare	Open Hearth Fireplace	Gas Insert					7/30/2019	8/13/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80558-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2019	8/13/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-80201-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic		8/3/2019	8/13/2019		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-81282-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic	TRUE	8/3/2019	8/13/2019		29.5	3.2	54%	73%	2.1	24%	59%	0.0115	0.0012	0.0103
G-67995-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/31/2018	8/14/2019		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-74257-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2019	8/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74109-A1	Stanislaus	Freestanding Certified Wood Stove	Gas Fireplace					4/2/2019	8/14/2019		14.5785	0	68%	68%	1.55	100%	0%	0.0174	0.0000	0.0174
G-75109-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	4/2/2019	8/14/2019		29.5	2	54%	68%	2.1	61%	38%	0.0290	0.0017	0.0273
G-68001-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/3/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74750-A1	Merced	Certified Wood Insert	Gas Insert					4/30/2019	8/14/2019		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-75748-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	4/30/2019	8/14/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-74150-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	5/1/2019	8/14/2019		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
C-63177-1-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	5/2/2019	8/14/2019		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-73402-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2019	8/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76218-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	5/8/2019	8/14/2019		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-76572-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2019	8/14/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-76886-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	76	Catalytic	TRUE	5/9/2019	8/14/2019		29.5	3.4	54%	76%	2.1	24%	59%	0.0115	0.0013	0.0103
G-73570-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	5/12/2019	8/14/2019		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-67486-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2019	8/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73697-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		5/14/2019	8/14/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-75383-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		5/14/2019	8/14/2019		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-77091-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	5/14/2019	8/14/2019		22.7	7.2	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-72800-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2019	8/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77090-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2019	8/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76390-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	5/20/2019	8/14/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-77236-A1	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	1.9		Non-Catalytic		5/20/2019	8/14/2019		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-76817-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2019	8/14/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-77024-A1	Fresno	Non-Certified Wood Insert	Gas Insert					5/22/2019	8/14/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-73786-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2019	8/14/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75805-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2019	8/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77026-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic		5/23/2019	8/14/2019		29.5	2.2	54%	68%	2.61	100%	0%	0.0593	0.0035	0.0558
G-76485-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/24/2019	8/14/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-74620-A1	Kern	Open Hearth Fireplace	Gas Insert					5/29/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-76713-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/29/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77958-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	5/29/2019	8/14/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-78149-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		5/29/2019	8/14/2019		29.5	8.4	54%	68%	2.61	100%	0%	0.0593	0.0134	0.0459
G-74751-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	5/30/2019	8/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-76196-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/30/2019	8/14/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73723-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.9		Non-Catalytic	TRUE	5/31/2019	8/14/2019		22.7	3.8	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-76394-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2019	8/14/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-78326-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert					5/31/2019	8/14/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-76893-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2019	8/14/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-77882-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1	72	Non-Catalytic	FALSE	6/4/2019	8/14/2019		29.5	6.2	54%	72%	1.15	100%	0%	0.0261	0.0041	0.0220
G-78148-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	6/7/2019	8/14/2019		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-77789-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/10/2019	8/14/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-78737-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic		6/11/2019	8/14/2019		29.5	2.2	54%	68%	2.09	100%	0%	0.0475	0.0028	0.0447
G-78026-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	6/12/2019	8/14/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-76571-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/13/2019	8/14/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-78500-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/13/2019	8/14/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78498-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/20/2019	8/14/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-78739-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2019	8/14/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-79618-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	6/20/2019	8/14/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-79162-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					6/21/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78941-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2019	8/14/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78946-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.66		Non-Catalytic		6/26/2019	8/14/2019		29.5	1.32	54%	68%	2.1	100%	0%	0.0477	0.0017	0.0460
G-74911-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	0.58	80	Catalytic	TRUE	6/27/2019	8/14/2019		22.7	1.16	7%	80%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-78475-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2019	8/14/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-76452-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	7/23/2019	8/14/2019		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-79375-A1	Fresno	Open Hearth Fireplace	Freestanding Gas Stove					7/25/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80909-A1	Kings	Open Hearth Fireplace	Gas Insert					7/30/2019	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-67669-A2	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	11/17/2018	8/14/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78285-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	5/31/2019	9/12/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-79909-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					6/29/2019	9/12/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78743-A1	Fresno	Certified Wood Insert	Gas Insert					7/22/2019	9/12/2019		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-74592-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2019	9/12/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-80699-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/1/2019	9/12/2019		29.5	5.2	54%	68%	2.1	33%	57%	0.0159	0.0028	0.0131
C-64106-1A	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2018	9/17/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
C-63493-1A	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/8/2018	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66743-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Catalytic		9/6/2018	9/17/2019		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-66594-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2018	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-67861-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2018	9/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-72598-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2019	9/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73330-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2019	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74072-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2019	9/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-72965-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic		3/23/2019	9/17/2019		29.5	9	54%	71%	2.1	100%	0%	0.0477	0.0111	0.0366
G-72922-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2019	9/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74719-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2019	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75951-A1	Tulare	Wood-Burning Firebox	Gas Fireplace					4/26/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2019	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76436-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2019	9/17/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74796-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	0.58	80	Catalytic	TRUE	6/7/2019	9/17/2019		22.7	1.16	7%	80%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-76958-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace					6/16/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74589-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	6/20/2019	9/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-76689-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2019	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-78086-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					6/28/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78747-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	6/28/2019	9/17/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-79743-A1	Kern	Open Hearth Fireplace	Gas Insert					7/2/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77895-A1	Fresno	Certified Pellet Insert	Freestanding Gas Stove				TRUE	7/9/2019	9/17/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-78146-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/9/2019	9/17/2019		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-79091-A1	Kern	Wood-Burning Firebox	Gas Insert					7/9/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-75958-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	7/11/2019	9/17/2019		22.7	7.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-79301-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2019	9/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-78695-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	80	Catalytic	TRUE	7/15/2019	9/17/2019		22.7	3.6	7%	80%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-78499-A1	Tulare	Wood-Burning Firebox	Gas Insert					7/15/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80340-A1	Fresno	Open Hearth Fireplace	Gas Insert					7/17/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-79814-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2019	9/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-79088-A1	Merced	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic		7/20/2019	9/17/2019		22.7	4.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76553-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic		8/2/2019	9/17/2019		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-80188-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/3/2019	9/17/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-80704-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	8/6/2019	9/17/2019		22.7	5.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-73231-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	8/10/2019	9/17/2019		22.7	5.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-81079-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/13/2019	9/17/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81619-A1	Tulare	Open Hearth Fireplace	Gas Insert					8/14/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81623-A1	Tulare	Open Hearth Fireplace	Gas Insert					8/15/2019	9/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81625-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		8/16/2019	9/17/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2019	9/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80484-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2019	9/17/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-72247-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2019	9/17/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74692-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	TRUE	8/29/2019	9/17/2019		29.5	7.2	54%	68%	2.1	33%	57%	0.0159	0.0038	0.0121
G-73083-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2019	9/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-72020-A1	Tulare	Wood-Burning Firebox	Gas Insert					2/21/2019	9/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77609-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/16/2019	9/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77833-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	TRUE	6/8/2019	9/18/2019		22.7	7.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-75468-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/21/2019	9/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74738-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	6/27/2019	9/18/2019		22.7	5.8	7%	68%	0.299465	31%	51%	0.0016	0.0001	0.0016
G-79745-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2019	9/18/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-78384-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	TRUE	7/2/2019	9/18/2019		29.5	7.8	54%	68%	2.4	53%	43%	0.0291	0.0068	0.0223
G-72968-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	7/12/2019	9/18/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-79089-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2019	9/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-70251-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2		Non-Catalytic	TRUE	6/6/2019	9/25/2019		29.5	6.4	54%	68%	1.57	31%	51%	0.0110	0.0023	0.0087
G-78306-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace					8/1/2019	9/25/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81711-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2019	9/25/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-69388-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2019	10/3/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80829-A1	Tulare	Open Hearth Fireplace	Gas Insert					8/7/2019	10/3/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80694-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	0.58	80	Catalytic		8/14/2019	10/3/2019		29.5	1.16	54%	80%	2.1	100%	0%	0.0477	0.0013	0.0464
C-63769-1-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/11/2018	10/16/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
C-62861-1-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2018	10/16/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-72786-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	5/1/2019	10/16/2019		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-76575-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		5/23/2019	10/16/2019		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
G-77094-A1	Tulare	Wood-Burning Firebox	Gas Insert					5/25/2019	10/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-77541-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2019	10/16/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76215-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/5/2019	10/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-77607-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		6/15/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-77794-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		6/20/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-77527-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	6/28/2019	10/16/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-78309-A1	Fresno	Open Hearth Fireplace	Gas Insert					6/30/2019	10/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-79306-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	7/4/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-80557-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		7/31/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-79307-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic		8/1/2019	10/16/2019		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-81620-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		8/13/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81614-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		8/15/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-71412-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		8/21/2019	10/16/2019		29.5	3.8	54%	68%	2.67	100%	0%	0.0606	0.0062	0.0544
G-79756-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		8/23/2019	10/16/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76061-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		8/24/2019	10/16/2019		29.5	7.2	54%	68%	1.16	100%	0%	0.0263	0.0051	0.0212
G-74123-A1	Kern	Open Hearth Fireplace	Gas Insert					8/27/2019	10/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81386-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic		8/27/2019	10/16/2019		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-81385-A1	Tulare	Non-Certified Wood Insert	Gas Insert					8/31/2019	10/16/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-81454-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					9/9/2019	10/16/2019		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-82520-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/10/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81622-A1	Fresno	Open Hearth Fireplace	Gas Insert					9/11/2019	10/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-79758-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/12/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-82845-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/12/2019	10/16/2019		29.5	5.2	54%	68%	2.1	24%	59%	0.0115	0.0022	0.0094
G-82460-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/13/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81616-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		9/16/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81986-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic		9/16/2019	10/16/2019		22.7	9	7%	75%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-81624-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/19/2019	10/16/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-82911-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/20/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-82948-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/21/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-82949-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2019	10/16/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-83305-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/25/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-80343-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/26/2019	10/16/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-82359-A1	Tulare	Open Hearth Fireplace	Gas Insert					9/27/2019	10/16/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81469-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		9/28/2019	10/16/2019		29.5	3.2	54%	73%	2.09	100%	0%	0.0475	0.0038	0.0437
G-66431-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	9/29/2018	10/17/2019		29.5	8.4	54%	68%	2.09	24%	59%	0.0115	0.0035	0.0080
G-71697-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace				TRUE	1/25/2019	10/17/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-76091-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/23/2019	10/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-78085-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2019	10/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-67674-A1	Merced	Wood-Burning Firebox	Gas Insert					6/7/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78290-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		6/25/2019	10/17/2019		29.5	1.46	54%	68%	2.61	100%	0%	0.0593	0.0023	0.0570
G-78745-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/27/2019	10/17/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-78947-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2019	10/17/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-76484-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic		7/17/2019	10/17/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-80345-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					7/22/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-79621-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2019	10/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-80501-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2019	10/17/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-79832-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.1		Non-Catalytic	TRUE	7/26/2019	10/17/2019		29.5	6.2	54%	68%	2.1	61%	38%	0.0290	0.0053	0.0238
G-79092-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2019	10/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-80355-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	7/29/2019	10/17/2019		29.5	8.4	54%	68%	1.15	61%	38%	0.0159	0.0039	0.0120
G-79163-A1	Madera	Open Hearth Fireplace	Gas Insert					7/30/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80838-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2019	10/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80868-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2019	10/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80603-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	1.5	70	Non-Catalytic		7/30/2019	10/17/2019		22.7	3	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-73331-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2019	10/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-80869-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2019	10/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
C-62631-1A	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9	74	Non-Catalytic	TRUE	8/2/2019	10/17/2019		22.7	5.8	7%	74%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-77006-A1	Tulare	Non-Certified Wood Insert	Gas Insert					8/7/2019	10/17/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-80347-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2019	10/17/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-81283-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2019	10/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79754-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert					8/9/2019	10/17/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-81161-A1	Fresno	Wood-Burning Firebox	Gas Insert					8/12/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78010-A1	Fresno	Non-Certified Wood Insert	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	8/13/2019	10/17/2019		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-80872-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	8/13/2019	10/17/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-80004-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					8/14/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80351-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.6		Catalytic		8/16/2019	10/17/2019		29.5	1.2	54%	68%	2.61	100%	0%	0.0593	0.0019	0.0574
G-81334-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					8/20/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81592-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/21/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81725-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2019	10/17/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81717-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	8/21/2019	10/17/2019		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
G-81627-A1	Kern	Wood-Burning Firebox	Gas Insert					8/23/2019	10/17/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78019-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic	FALSE	8/31/2019	10/17/2019		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76395-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	0.7	73	Catalytic		9/21/2019	10/17/2019		22.7	1.4	7%	73%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-74251-A1	Kern	Open Hearth Fireplace	Gas Insert					3/19/2019	10/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-76213-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2019	10/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-70512-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	5/30/2019	10/23/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-75778-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2019	10/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-79376-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2019	10/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

													Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate				EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-71123-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/24/2019	10/23/2019				22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-80691-A1	Madera	Open Hearth Fireplace	Gas Insert					8/23/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80189-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2019	10/23/2019				22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-81787-A1	Fresno	Open Hearth Fireplace	Gas Insert					8/28/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-78730-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic		9/5/2019	10/23/2019				29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-78303-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/13/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-76890-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2019	10/23/2019				22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-81994-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/17/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-82842-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/17/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-82307-A1	Fresno	Open Hearth Fireplace	Gas Insert					9/19/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82909-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/20/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-83198-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		9/21/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-83867-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	9/23/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-82910-A1	Tulare	Wood-Burning Firebox	Gas Insert					9/26/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82319-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/1/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82518-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/4/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82079-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/5/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80344-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2019	10/23/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-80698-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/8/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-82990-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/14/2019	10/23/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-73676-A2	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/3/2019	10/23/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-71256-A2	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.6		Non-Catalytic	FALSE	2/12/2019	10/23/2019				29.5	5.2	54%	68%	2.09	100%	0%	0.0475	0.0066	0.0408
G-80853-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/7/2019	10/24/2019				22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-81502-A1	Fresno	Non-Certified Wood Insert	Gas Insert					8/29/2019	10/24/2019				29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-81332-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					9/11/2019	10/24/2019				29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-80238-A1	Tulare	Non-Certified Wood Insert	Gas Insert					8/6/2019	10/29/2019				29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-80360-A1	Kern	Open Hearth Fireplace	Gas Insert					8/9/2019	10/29/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-66674-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2018	11/4/2019				22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-69968-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic		12/29/2018	11/6/2019				22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-75750-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/20/2019	11/6/2019				22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74582-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic	TRUE	5/28/2019	11/6/2019				29.5	5.4	54%	68%	2.1	24%	59%	0.0115	0.0023	0.0093
G-76482-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2019	11/6/2019				22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-78339-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2019	11/6/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78157-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2019	11/6/2019				22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-68911-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					7/30/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80874-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2019	11/6/2019				22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-80852-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace					8/1/2019	11/6/2019				29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-78741-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					8/2/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80837-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/6/2019	11/6/2019				22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79759-A1	Fresno	Open Hearth Fireplace	Gas Insert					8/8/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81491-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/12/2019	11/6/2019				22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-80835-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/15/2019	11/6/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-80602-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic		8/19/2019	11/6/2019				29.5	6.2	54%	68%	2.09	100%	0%	0.0475	0.0079	0.0396
G-81618-A1	Tulare	Non-Certified Wood Insert	Gas Insert					8/22/2019	11/6/2019				29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-78329-A1	Fresno	Open Hearth Fireplace	Gas Insert					8/23/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80937-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic	FALSE	8/23/2019	11/6/2019				29.5	3.2	54%	68%	1.15	100%	0%	0.0261	0.0023	0.0239
G-81455-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/24/2019	11/6/2019				29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-81785-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					8/26/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81721-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/27/2019	11/6/2019				29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-80494-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/28/2019	11/6/2019				29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-81723-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/28/2019	11/6/2019				29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-81071-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					9/3/2019	11/6/2019				29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
G-81450-A1	Madera	Non-Certified Wood Insert	Gas Insert					9/5/2019	11/6/2019				29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-81507-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/5/2019	11/6/2019				29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-81072-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.7	76	Hybrid		9/6/2019	11/6/2019				22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-82556-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1		Non-Catalytic	TRUE	9/9/2019	11/6/2019				29.5	2	54%	68%	2.1	24%	59%	0.0115	0.0008	0.0107
G-79515-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2019	11/6/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-81781-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2019	11/6/2019				22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-81854-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2019	11/6/2019				22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83052-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					9/18/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82880-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					9/20/2019	11/6/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82738-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					9/23/2019	11/6/2019				29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-83143-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.66		Non-Catalytic		9/23/2019	11/6/2019				29.5	1.32	54%	68%	2.1	100%	0%	0.0477	0.0017	0.0460
G-82521-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		9/24/2019	11/6/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-81305-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2019	11/6/2019				22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-70742-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3	73	Non-Catalytic		10/9/2019	11/6/2019				29.5	6	54%	73%	2.4	100%	0%	0.0545	0.0082	0.0463
G-81996-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2019	11/6/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84493-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/23/2019	11/6/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-84204-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/24/2019	11/6/2019				22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-72982-A2	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Catalytic	FALSE	9/27/2019	11/6/2019				22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-75412-A2	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2019	11/6/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-83709-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	1/22/2019	11/20/2019				22.7	4.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-82974-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic		9/8/2019	11/20/2019				22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-81866-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5	75	Non-Catalytic		9/9/2019	11/20/2019				29.5	9	54%	75%	1.15	100%	0%	0.0261	0.0057	0.0204
G-83220-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.4	72	Non-Catalytic		9/24/2019	11/20/2019				22.7	2.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-82938-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	9/29/2019	11/20/2019				29.5	4.2	54%	68%	2.1	24%	59%	0.0115	0.0018	0.0098
G-78267-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/4/2019	11/20/2019				29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-82736-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic		10/4/2019	11/20/2019				22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-83653-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.3	74	Catalytic	TRUE	10/4/2019	11/20/2019				29.5	2.6	54%	74%	2.1	33%	57%	0.0159	0.0013	0.0146
G-83362-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic	TRUE	10/5/2019	11/20/2019				29.5	3.2	54%	73%	2.4	53%	43%	0.0291	0.0026	0.0265
G-76897-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	10/8/2019	11/20/2019				22.7	5.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-81506-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.5	71	Non-Catalytic		10/10/2019	11/20/2019				22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-81862-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	0.58	80	Catalytic	FALSE	10/10/2019	11/20/2019				22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82252-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2019	11/20/2019				22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84033-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/13/2019	11/20/2019				29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83092-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		10/13/2019	11/20/2019				22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-83322-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic	TRUE	10/14/2019	11/20/2019				29.5	8.4	54%	68%	2.4	53%	43%	0.0291	0.0073	0.0218
G-83868-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	10/14/2019	11/20/2019				22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-84031-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/16/2019	11/20/2019				22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83252-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		10/17/2019	11/20/2019				22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-82355-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.7	76	Catalytic		10/18/2019	11/20/2019		29.5	3.4	54%	76%	2.09	100%	0%	0.0475	0.0039	0.0436
G-83634-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	10/25/2019	11/20/2019		29.5	3	54%	76%	2.1	33%	57%	0.0159	0.0014	0.0145
G-84741-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2019	11/20/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-84464-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/26/2019	11/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-83051-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/29/2019	11/20/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84581-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		10/29/2019	11/20/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-84455-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2019	11/20/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-85086-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/5/2019	11/20/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-76392-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2019	11/21/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-80186-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2019	11/21/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-76396-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2019	11/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81284-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	8/30/2019	11/21/2019		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-79090-A1	Stanislaus	Wood-Burning Firebox	Freestanding Gas Stove				TRUE	9/3/2019	11/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-82458-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		9/3/2019	11/21/2019		2.9	1.46	68%	68%	2.67	100%	0%	0.0060	0.0030	0.0030
G-76276-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	3.3		Non-Catalytic	TRUE	9/5/2019	11/21/2019		22.7	6.6	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-82066-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2019	11/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-80479-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2019	11/21/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79368-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2019	11/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-81470-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					9/19/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81034-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	0.89	70	Non-Catalytic	TRUE	9/21/2019	11/21/2019		22.7	1.78	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-82519-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		9/21/2019	11/21/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-81852-A1	Kern	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.1		Non-Catalytic	TRUE	9/23/2019	11/21/2019		29.5	6.2	54%	68%	1.57	31%	51%	0.0110	0.0023	0.0087
G-81160-A1	Fresno	Open Hearth Fireplace	Gas Insert					9/26/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83364-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2019	11/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-82987-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					9/27/2019	11/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-83805-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					9/27/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83163-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					9/28/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82457-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					9/30/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82320-A1	Merced	Non-Certified Wood Insert	Gas Insert					10/2/2019	11/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-83049-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace					10/2/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81118-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					10/4/2019	11/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-82941-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2019	11/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-83053-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/4/2019	11/21/2019		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-83147-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/4/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83216-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/7/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83186-A1	Merced	Open Hearth Fireplace	Gas Fireplace				TRUE	10/8/2019	11/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-79046-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/9/2019	11/21/2019		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
G-83302-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/9/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83608-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					10/9/2019	11/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-83613-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/9/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-80857-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/10/2019	11/21/2019		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
G-82313-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8	66	Non-Catalytic		10/11/2019	11/21/2019		29.5	3.6	54%	66%	2.4	100%	0%	0.0545	0.0054	0.0491
G-82067-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2019	11/21/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-83476-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					10/11/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83768-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/11/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-81080-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/12/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83215-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/14/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83783-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2019	11/21/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-83796-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2019	11/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81388-A1	Fresno	Non-Certified Wood Insert	Gas Insert					10/18/2019	11/21/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-83221-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/21/2019	11/21/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85363-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2019	11/21/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-74716-A2	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	9/7/2019	11/21/2019		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-74378-A2	Kern	Certified Pellet Insert	Gas Insert				TRUE	10/10/2019	11/21/2019		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-67430-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2019	11/21/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81331-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/9/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-82065-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81505-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					9/30/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83941-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		10/9/2019	11/26/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-82945-A1	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		10/10/2019	11/26/2019		2.9	1.96	68%	76%	2.1	100%	0%	0.0047	0.0028	0.0019
G-83661-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83401-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2019	11/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83454-A1	Merced	Non-Certified Wood Insert	Gas Insert					10/16/2019	11/26/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-83998-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	10/17/2019	11/26/2019		22.7	6.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-83777-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/21/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83782-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2019	11/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-84001-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2019	11/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84163-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2019	11/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82325-A1	Kern	Wood-Burning Firebox	Gas Fireplace					10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82454-A1	Kern	Open Hearth Fireplace	Gas Insert					10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83318-A1	Kern	Wood-Burning Firebox	Gas Fireplace					10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84028-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-84116-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84234-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	10/22/2019	11/26/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84153-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	10/22/2019	11/26/2019		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-83462-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/23/2019	11/26/2019		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-83778-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/23/2019	11/26/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-83893-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2019	11/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84224-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84212-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2019	11/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84213-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2019	11/26/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82314-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					10/25/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82986-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/25/2019	11/26/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84719-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84755-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2019	11/26/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84019-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	10/28/2019	11/26/2019		22.7	8.4	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-81011-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2019	11/26/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-84208-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/28/2019	11/26/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84215-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/28/2019	11/26/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84763-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.5	75	Non-Catalytic	TRUE	10/29/2019	11/26/2019		22.7	9	7%	75%	0.299465	54%	44%	0.0028	0.0001	0.0027

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-84543-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	11/26/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85228-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	11/26/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-78084-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	8/22/2019	12/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83473-A1	Kern	Open Hearth Fireplace	Gas Insert					10/7/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82681-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic	TRUE	10/8/2019	12/4/2019		29.5	8.2	54%	68%	2.1	53%	43%	0.0254	0.0063	0.0192
G-83467-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	10/11/2019	12/4/2019		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-81940-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	FALSE	10/12/2019	12/4/2019		29.5	2.2	54%	68%	2.4	100%	0%	0.0545	0.0032	0.0513
G-83605-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		10/14/2019	12/4/2019		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-82976-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/15/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83876-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2019	12/4/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84556-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-79026-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	FALSE	10/22/2019	12/4/2019		29.5	7.8	54%	68%	2.1	100%	0%	0.0477	0.0100	0.0377
G-83892-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-83482-A1	Merced	Wood-Burning Firebox	Gas Insert					10/24/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83772-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84450-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-82935-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/25/2019	12/4/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-83710-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-83297-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					10/26/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84107-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/28/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84557-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-82942-A1	San Joaquin	Open Hearth Fireplace	Freestanding Certified Wood Stove	3		Non-Catalytic		10/29/2019	12/4/2019		22.7	6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-83091-A1	Fresno	Wood-Burning Firebox	Gas Insert					10/29/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84453-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83610-A1	Fresno	Wood-Burning Firebox	Gas Insert					10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83649-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84209-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84413-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84590-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84777-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84846-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83145-A1	Merced	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		10/31/2019	12/4/2019		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-83939-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		Non-Catalytic		10/31/2019	12/4/2019		29.5	2.2	54%	68%	2.61	100%	0%	0.0593	0.0035	0.0558
G-83451-A1	Stanislaus	Wood-Burning Firebox	Gas Insert					10/31/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83798-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/31/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84206-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/31/2019	12/4/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84764-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/31/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84897-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2019	12/4/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85125-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82925-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					11/1/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83801-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/1/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84513-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2019	12/4/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-75225-A1	Fresno	Non-Certified Pellet Insert	Freestanding Certified Pellet Stove	1.1		Non-Catalytic	TRUE	11/2/2019	12/4/2019		2.9	2.2	68%	68%	2.1	24%	59%	0.0011	0.0012	0.0000
G-84462-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	11/2/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84503-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84142-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2019	12/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84211-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85008-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/5/2019	12/4/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-84776-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84592-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic		11/6/2019	12/4/2019		29.5	3.2	54%	68%	2.09	100%	0%	0.0475	0.0041	0.0434
G-85326-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85378-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-81993-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/7/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84748-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85029-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/7/2019	12/4/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85030-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/7/2019	12/4/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85325-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	12/4/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85348-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82452-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/4/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84387-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/4/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84497-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2019	12/4/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84844-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/4/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85007-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85065-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/8/2019	12/4/2019		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-82946-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		11/9/2019	12/4/2019		2.9	7.2	68%	68%	2.61	100%	0%	0.0058	0.0145	-0.0086
G-84096-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84852-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84959-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.6		Non-Catalytic	TRUE	11/11/2019	12/4/2019		29.5	3.2	54%	68%	2.1	53%	43%	0.0254	0.0024	0.0230
G-84723-A1	Fresno	Wood-Burning Firebox	Gas Insert					11/12/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85376-A1	Kern	Open Hearth Fireplace	Gas Insert					11/12/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86150-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/15/2019	12/4/2019		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-84957-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84768-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85611-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2019	12/4/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84097-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2019	12/4/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84164-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	11/18/2019	12/4/2019		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-85074-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2019	12/4/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-74285-A2	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	10/12/2019	12/4/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84101-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic		10/31/2019	12/5/2019		22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-84106-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83650-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/18/2019	12/11/2019		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
G-84718-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					11/4/2019	12/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84589-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2019	12/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85006-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-75217-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	11/7/2019	12/11/2019		22.7	8.2	7%	68%	0.299465	24%	59%	0.0013	0.0001	0.0012
G-84767-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/7/2019	12/11/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85032-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85147-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83492-A1	Madera	Non-Certified Pellet Insert	Certified Pellet Insert	0.98	76	Non-Catalytic	TRUE	11/11/2019	12/11/2019		2.9	1.96	68%	76%	2.1	33%	57%	0.0016	0.0012	0.0004
G-83306-A1	Kern	Wood-Burning Firebox	Gas Insert					11/11/2019	12/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-85027-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/11/2019	12/11/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85148-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85025-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2019	12/11/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85150-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/12/2019	12/11/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85486-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2019	12/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-82915-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		11/13/2019	12/11/2019		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-85230-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	12/11/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86301-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2019	12/11/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-86515-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	11/21/2019	12/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86514-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		11/22/2019	12/11/2019		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86512-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	12/11/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84765-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		12/3/2019	12/11/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-85240-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	12/17/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82742-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2019	12/18/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84725-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2019	12/18/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84161-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84545-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84448-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85059-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-83298-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84042-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic		11/5/2019	12/18/2019		22.7	8.4	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-84431-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84912-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84946-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	12/18/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84756-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.3		73 Non-Catalytic		11/6/2019	12/18/2019		29.5	2.6	54%	73%	1.55	100%	0%	0.0352	0.0023	0.0329
G-81925-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84094-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84328-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	11/7/2019	12/18/2019		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-83250-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85227-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84616-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	11/8/2019	12/18/2019		22.7	3.6	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-85149-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86139-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84117-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84520-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	11/11/2019	12/18/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85308-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84210-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85144-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/13/2019	12/18/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85355-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/13/2019	12/18/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85369-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85471-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85599-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86503-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85366-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic		11/14/2019	12/18/2019		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
G-85089-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.73		Non-Catalytic		11/15/2019	12/18/2019		29.5	1.46	54%	68%	2.09	100%	0%	0.0475	0.0019	0.0456
G-86138-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84115-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85483-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85332-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic		11/16/2019	12/18/2019		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
G-84178-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/18/2019	12/18/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-83607-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace					11/18/2019	12/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85560-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86534-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-83247-A1	Fresno	Wood-Burning Firebox	Gas Insert					11/19/2019	12/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84165-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/18/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85067-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85368-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86152-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85069-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86744-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85267-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	12/18/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86424-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	12/18/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83802-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87524-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/18/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87400-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/25/2019	12/18/2019		29.5	5.2	54%	68%	2.1	68%	32%	0.0322	0.0048	0.0274
G-83475-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87260-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/27/2019	12/18/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85321-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87362-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2019	12/18/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87865-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2019	12/18/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-80358-A2	Kern	Open Hearth Fireplace	Gas Insert				FALSE	8/15/2019	12/18/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86962-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/24/2019	12/19/2019		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-84226-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2019	12/19/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-83799-A1	Merced	Open Hearth Fireplace	Gas Fireplace				TRUE	11/5/2019	12/23/2019		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-84010-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2019	12/23/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-85016-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5		70 Non-Catalytic	FALSE	11/7/2019	12/23/2019		22.7	3	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-84988-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2019	12/23/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85334-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84076-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2019	12/23/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85045-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83449-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85558-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2019	12/23/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-83039-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert					11/13/2019	12/23/2019		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-84586-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84871-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85353-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/13/2019	12/23/2019		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85367-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/13/2019	12/23/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84877-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic		11/13/2019	12/23/2019		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-83444-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	0.58		80 Catalytic	FALSE	11/14/2019	12/23/2019		29.5	1.16	54%	80%	2.1	100%	0%	0.0477	0.0013	0.0464
G-84315-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-85396-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85024-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84807-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85301-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2019	12/23/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85245-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2019	12/23/2019		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-85352-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86833-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84440-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85060-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85146-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85259-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86141-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84160-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84585-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85001-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86964-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	11/20/2019	12/23/2019		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85583-A1	Fresno	Non-Certified Wood Insert	Gas Insert					11/21/2019	12/23/2019		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-84771-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		11/22/2019	12/23/2019		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-84740-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2019	12/23/2019		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85468-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87006-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	12/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84074-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84588-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84853-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86136-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/23/2019	12/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85400-A1	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	3.6		Non-Catalytic		11/24/2019	12/23/2019		29.5	7.2	54%	68%	2.09	100%	0%	0.0475	0.0092	0.0383
G-85365-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2019	12/23/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-86431-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	11/25/2019	12/23/2019		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-86785-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/25/2019	12/23/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87058-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2019	12/23/2019		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-83780-A1	Fresno	Wood-Burning Firebox	Gas Insert					11/26/2019	12/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86148-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/27/2019	12/23/2019		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
G-83775-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					11/27/2019	12/23/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86129-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73301-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/1/2019	12/23/2019		22.7	4.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-87457-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/3/2019	12/23/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-87763-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/4/2019	12/23/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-87467-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	12/23/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-71139-A2	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/31/2019	12/23/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84441-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	11/1/2019	12/27/2019		29.5	6.4	54%	74%	2.4	53%	43%	0.0291	0.0051	0.0239
G-83257-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/8/2019	12/27/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84958-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2019	12/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85401-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/27/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83246-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		11/15/2019	12/27/2019		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-87016-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/20/2019	12/27/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85344-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86698-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	12/27/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86677-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85393-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85395-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85906-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	11/23/2019	12/27/2019		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-87149-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	12/27/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87107-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87010-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87018-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87496-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	12/27/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86679-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87273-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85630-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/2/2019	12/27/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-86309-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86692-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86889-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	12/27/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86735-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	12/27/2019		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-87666-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2019	12/27/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84991-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	12/27/2019		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85063-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2019	12/27/2019		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-84005-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/24/2019	12/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85269-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/6/2019	12/30/2019		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-80945-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	11/7/2019	12/30/2019		29.5	4.8	54%	68%	2.1	24%	59%	0.0115	0.0020	0.0095
G-84953-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	12/30/2019		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-82740-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2019	12/30/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85600-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		11/15/2019	12/30/2019		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-85145-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2019	12/30/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	12/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86517-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2019	12/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87009-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic		12/4/2019	12/30/2019		29.5	7.8	54%	68%	2.1	100%	0%	0.0477	0.0100	0.0377
G-81581-A1	Kern	Wood-Burning Firebox	Gas Insert					12/6/2019	12/30/2019		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87582-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2019	12/30/2019		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-86296-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.1		Non-Catalytic	TRUE	12/11/2019	12/30/2019		22.7	2.2	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0012
G-86886-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	12/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87781-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/13/2019	12/30/2019		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-87449-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/17/2019	12/30/2019		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-87482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	12/30/2019		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83774-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		12/20/2019	12/30/2019		29.5	8.4	54%	68%	2.61	100%	0%	0.0593	0.0134	0.0459
G-87562-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2019	12/30/2019		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88495-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	12/30/2019		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84004-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85341-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/9/2019	1/8/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-86145-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86505-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2019	1/8/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85594-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/8/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87012-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/8/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87013-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87934-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/8/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85608-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86787-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				FALSE	12/3/2019	1/8/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-87011-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/3/2019	1/8/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-86866-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	1/8/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86766-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2019	1/8/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87611-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2019	1/8/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87253-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5		Non-Catalytic		12/10/2019	1/8/2020		22.7	9	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-86672-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88395-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2019	1/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85456-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	4.4		Non-Catalytic		11/13/2019	1/9/2020		22.7	8.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-86926-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	11/16/2019	1/9/2020		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-85633-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84013-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/20/2019	1/9/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-85574-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic	FALSE	11/20/2019	1/9/2020		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-85474-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87267-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86303-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		11/23/2019	1/9/2020		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-86507-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/25/2019	1/9/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86535-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87723-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87002-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic		11/26/2019	1/9/2020		22.7	6.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86452-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	1/9/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-87005-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87486-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		11/30/2019	1/9/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-87764-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86721-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		12/3/2019	1/9/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86532-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85515-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87574-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87101-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88175-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88335-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86741-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86967-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/9/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-86917-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		Non-Catalytic	TRUE	12/13/2019	1/9/2020		22.7	3.6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-87265-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		12/13/2019	1/9/2020		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-81718-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86984-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88710-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87834-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87709-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2019	1/9/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87734-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87950-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2019	1/9/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88529-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87589-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88334-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88257-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.7		Non-Catalytic		12/18/2019	1/9/2020		29.5	5.4	54%	68%	2.1	100%	0%	0.0477	0.0069	0.0408
G-86819-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87603-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/9/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88510-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/19/2019	1/9/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87697-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2019	1/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87838-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88544-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-73959-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2019	1/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86748-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3	74	Catalytic		11/2/2019	1/13/2020		22.7	2.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-86416-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86799-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	1/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86411-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86736-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86796-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85246-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86545-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/13/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86547-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/13/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87460-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic		11/27/2019	1/13/2020		22.7	6.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-85343-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	11/30/2019	1/13/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85484-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87897-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/13/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85472-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/3/2019	1/13/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87767-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	1/13/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86945-A1	Fresno	Certified Wood Insert	Freestanding Gas Stove				TRUE	12/5/2019	1/13/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-87873-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/5/2019	1/13/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87148-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.3	70	Non-Catalytic		12/5/2019	1/13/2020		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85615-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87577-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/9/2019	1/13/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-86674-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86530-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86956-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	1/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85508-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	3.1		Non-Catalytic	FALSE	12/12/2019	1/13/2020		29.5	6.2	54%	68%	1.57	100%	0%	0.0357	0.0060	0.0297
G-87266-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87274-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-87484-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86879-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4	73	Non-Catalytic		12/13/2019	1/13/2020		29.5	2.8	54%	73%	2.09	100%	0%	0.0475	0.0033	0.0441
G-87125-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87146-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87352-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2019	1/13/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87518-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87840-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/13/2019	1/13/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-88699-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/13/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88640-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	2.1		Non-Catalytic		12/14/2019	1/13/2020		29.5	4.2	54%	68%	2.1	100%	0%	0.0477	0.0054	0.0423
G-87724-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88555-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88225-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		12/19/2019	1/13/2020		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-87569-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	12/19/2019	1/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88543-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88538-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-79825-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-81405-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace				FALSE	9/10/2019	1/14/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-82554-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic		9/25/2019	1/14/2020		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-81001-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-82839-A1	Kern	Open Hearth Fireplace	Gas Insert					10/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83611-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/16/2019	1/14/2020		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-83781-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	10/22/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84507-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/24/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83874-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2019	1/14/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-80833-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84445-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83769-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					11/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84099-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/2/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83732-A1	Kern	Non-Certified Wood Insert	Certified Pellet Insert	1.3	70		TRUE	11/2/2019	1/14/2020		29.5	2.6	54%	70%	2.1	31%	51%	0.0147	0.0012	0.0135
G-82718-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84227-A1	Kings	Wood-Burning Firebox	Gas Fireplace					11/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83654-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic		11/5/2019	1/14/2020		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-84444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84849-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83222-A1	Kings	Open Hearth Fireplace	Gas Fireplace					11/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85028-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85031-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83461-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					11/9/2019	1/14/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-84390-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84721-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83816-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-84418-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84120-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/13/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84158-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	11/14/2019	1/14/2020		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
G-85141-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/14/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85482-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/14/2019	1/14/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-84553-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic	TRUE	11/14/2019	1/14/2020		2.9	2.8	68%	77%	2.61	33%	57%	0.0019	0.0021	-0.0001
G-84100-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84454-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84760-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85499-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2019	1/14/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-81713-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		11/19/2019	1/14/2020		29.5	7.2	54%	68%	2.61	100%	0%	0.0593	0.0115	0.0478
G-84452-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		11/19/2019	1/14/2020		29.5	8.4	54%	68%	1.55	100%	0%	0.0352	0.0080	0.0272
G-84509-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86178-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic	FALSE	11/19/2019	1/14/2020		29.5	7.8	54%	68%	2.61	100%	0%	0.0593	0.0124	0.0468
G-83779-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		11/20/2019	1/14/2020		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-85091-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/20/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85099-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-86140-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84197-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					11/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84986-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86277-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85320-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3		Non-Catalytic	TRUE	11/21/2019	1/14/2020		22.7	6	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-82318-A1	Madera	Open Hearth Fireplace	Gas Insert					11/22/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85077-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85112-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/22/2019	1/14/2020		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-85380-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85026-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-85064-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85066-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85276-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85288-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	11/23/2019	1/14/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-86930-A1	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	1.1	76	Non-Catalytic	TRUE	11/24/2019	1/14/2020		22.7	2.2	7%	76%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84143-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic	FALSE	11/25/2019	1/14/2020		29.5	6.8	54%	72%	2.61	100%	0%	0.0593	0.0102	0.0490
G-84552-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85457-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87530-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/25/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84038-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		11/26/2019	1/14/2020		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-85277-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					11/26/2019	1/14/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-86995-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86724-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.8	71	Non-Catalytic		11/26/2019	1/14/2020		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-81858-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.78	64	Non-Catalytic	TRUE	11/27/2019	1/14/2020		2.9	1.56	68%	64%	2.1	24%	59%	0.0011	0.0009	0.0003
G-85391-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86529-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87714-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85098-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.98	76	Non-Catalytic		11/27/2019	1/14/2020		2.9	1.96	68%	76%	2.09	100%	0%	0.0047	0.0028	0.0018
G-86957-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	11/27/2019	1/14/2020		22.7	4.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-85075-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84435-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86999-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-83480-A1	Merced	Non-Certified Pellet Insert	Gas Insert					12/2/2019	1/14/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-86278-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86518-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86729-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87275-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87846-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85015-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87784-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84948-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85628-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86732-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	12/5/2019	1/14/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-87586-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84985-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86720-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86874-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86997-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87017-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87513-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89289-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85262-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87083-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84030-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86410-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87068-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87631-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-74400-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85223-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85281-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86998-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87020-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87144-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87843-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87973-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88390-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85023-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic		12/11/2019	1/14/2020		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
G-84370-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	12/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84811-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87106-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87369-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87473-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	1/14/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-84040-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	4.4		Non-Catalytic		12/12/2019	1/14/2020		29.5	8.8	54%	68%	2.1	100%	0%	0.0477	0.0113	0.0364
G-84499-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85284-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87585-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87720-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88036-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88591-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.9		Non-Catalytic		12/12/2019	1/14/2020		22.7	7.8	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-85283-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove					12/13/2019	1/14/2020		2.9	0	68%	68%	2.09	100%	0%	0.0047	0.0000	0.0047
G-87621-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2019	1/14/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87727-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88522-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88524-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87297-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	12/13/2019	1/14/2020		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-84584-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.4	73	Non-Catalytic		12/14/2019	1/14/2020		22.7	8.8	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-84879-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85253-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85511-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87475-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87696-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88291-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	1/14/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-86109-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88220-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88550-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2019	1/14/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84558-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/14/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-85404-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86864-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86986-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87495-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84905-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85115-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85336-A1	Fresno	Wood-Burning Firebox	Gas Insert					12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87782-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88057-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85470-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	0.73				12/18/2019	1/14/2020		22.7	1.46	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85351-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87151-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87320-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/18/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87329-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87494-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88140-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88821-A1	Madera	Certified Pellet Insert	Gas Insert				TRUE	12/18/2019	1/14/2020		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-84113-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/19/2019	1/14/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-85324-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85469-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85500-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86667-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86976-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-87479-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88405-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88432-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic		12/19/2019	1/14/2020		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85079-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	12/20/2019	1/14/2020		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016
G-86463-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87054-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87211-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87725-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87876-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87991-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88438-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88551-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89007-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83408-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/21/2019	1/14/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-86415-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86697-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88019-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88313-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88697-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89144-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83217-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-84492-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/23/2019	1/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87844-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88153-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88304-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88553-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/23/2019	1/14/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-88573-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88769-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89021-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87465-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88149-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88716-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88878-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88892-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85022-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	1/14/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-88785-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89051-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.49	63	Non-Catalytic		1/4/2020	1/14/2020		29.5	0.98	54%	63%	2.1	100%	0%	0.0477	0.0014	0.0463
G-88593-A1	Kings	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic		1/7/2020	1/14/2020		22.7	3	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-89370-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85370-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2020	1/14/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-85371-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	12/16/2020	1/14/2020		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-88063-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2020	1/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88239-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-74663-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2019	1/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-73694-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2019	1/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76892-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/13/2019	1/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87722-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/9/2019	1/15/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83042-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					12/18/2019	1/15/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88766-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	1/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88145-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	1/15/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88147-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2019	1/15/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-88586-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8	66	Non-Catalytic		12/23/2019	1/15/2020		29.5	3.6	54%	66%	1.15	100%	0%	0.0261	0.0026	0.0235
G-87836-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/24/2019	1/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87908-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/27/2019	1/15/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-88037-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	12/27/2019	1/15/2020		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-88362-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2019	1/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89193-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.6		Non-Catalytic		12/28/2019	1/15/2020		29.5	7.2	54%	68%	2.1	100%	0%	0.0477	0.0092	0.0385
G-88561-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87939-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	12/3/2019	1/16/2020		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-83249-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					12/9/2019	1/16/2020		29.5	0	54%	68%	2.67	100%	0%	0.0606	0.0000	0.0606
G-84624-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic	FALSE	12/9/2019	1/16/2020		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-85374-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8	66	Non-Catalytic	TRUE	12/17/2019	1/16/2020		29.5	3.6	54%	66%	2.4	53%	43%	0.0291	0.0032	0.0258
G-88887-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	1/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89277-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	1/16/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-82555-A1	Kern	Non-Certified Wood Insert	Gas Insert					10/15/2019	1/22/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-84923-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2019	1/22/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88711-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2019	1/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88698-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	1/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85055-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic		12/20/2019	1/22/2020		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-88267-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	1/22/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88877-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	1/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88526-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2019	1/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89568-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	1/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89559-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/1/2020	1/22/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-89676-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2020	1/22/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-87719-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/4/2020	1/22/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-89380-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic		1/4/2020	1/22/2020		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-88653-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2020	1/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89269-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2020	1/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87510-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		1/7/2020	1/22/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-89678-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/7/2020	1/22/2020		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-88475-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	1/11/2020	1/22/2020		22.7	4.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-84136-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	11/11/2019	1/28/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-83606-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic		11/29/2019	1/28/2020		22.7	2.6	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85479-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2019	1/28/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89248-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/24/2019	1/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82848-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/28/2019	1/28/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83055-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		Non-Catalytic		1/2/2020	1/28/2020		29.5	3.8	54%	68%	2.1	100%	0%	0.0477	0.0049	0.0428

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-88695-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		1/3/2020	1/28/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86722-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	2.1		Non-Catalytic	FALSE	1/8/2020	1/28/2020		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-87268-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	1/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89097-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	1/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90197-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	1/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89514-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	1/28/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-78735-A1	Fresno	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.1			TRUE	10/12/2019	2/6/2020		29.5	2.2	54%	68%	2.09	24%	59%	0.0115	0.0009	0.0106
G-84105-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1				10/15/2019	2/6/2020		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-80689-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		10/31/2019	2/6/2020		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-84724-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.1			TRUE	11/4/2019	2/6/2020		2.9	2.2	68%	68%	1.15	61%	38%	0.0016	0.0013	0.0003
G-84916-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/6/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83146-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					11/12/2019	2/6/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-85451-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84205-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	2/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87022-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87476-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85229-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	2/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86867-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84762-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/6/2019	2/6/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-86746-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/6/2019	2/6/2020		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-87140-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-83873-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86876-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	2/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84875-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2019	2/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85407-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2019	2/6/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-87946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86509-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85109-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87989-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88777-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88380-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2019	2/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-84214-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88886-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88540-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87665-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88881-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86522-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/30/2019	2/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87926-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88342-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88556-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89140-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86869-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87890-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87936-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87033-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87531-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88370-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88437-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84218-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	1/3/2020	2/6/2020		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85264-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87875-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88530-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89210-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2020	2/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-89159-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/5/2020	2/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-86715-A1	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	0.7	78	Non-Catalytic	FALSE	1/6/2020	2/6/2020		2.9	1.4	68%	78%	2.1	100%	0%	0.0047	0.0020	0.0027
G-87263-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87512-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88589-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89060-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89252-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88823-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1	76	Catalytic		1/7/2020	2/6/2020		22.7	2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87014-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87629-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88644-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85072-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89375-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/8/2020	2/6/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-85444-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	1/10/2020	2/6/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87459-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2020	2/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89234-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/6/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-89376-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/10/2020	2/6/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-89339-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88539-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89400-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85397-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84757-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2019	2/7/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87502-A1	Tulare	Non-Certified Wood Insert	Gas Insert					12/17/2019	2/7/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-88151-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86792-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87152-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88061-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2019	2/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88883-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88207-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88687-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/26/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86996-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88156-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88303-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2019	2/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89143-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86897-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/2/2020	2/7/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-87771-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/2/2020	2/7/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-88031-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88541-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/7/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88059-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2020	2/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88680-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	1/3/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87587-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87990-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	1/6/2020	2/7/2020		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-88392-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88423-A1	Tulare	Non-Certified Wood Insert	Gas Insert					1/6/2020	2/7/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-89202-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86495-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		1/7/2020	2/7/2020		29.5	8.4	54%	68%	2.61	100%	0%	0.0593	0.0134	0.0459
G-88012-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89189-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89227-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	3.1		Non-Catalytic	TRUE	1/7/2020	2/7/2020		22.7	6.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-85467-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.66		Non-Catalytic		11/16/2019	2/11/2020		2.9	1.32	68%	68%	2.1	100%	0%	0.0047	0.0021	0.0026
G-86315-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86765-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85449-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85604-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1	65	Non-Catalytic		11/27/2019	2/11/2020		22.7	2.2	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-87019-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		11/30/2019	2/11/2020		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-87145-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84800-A1	Madera	Certified Pellet Insert	Gas Insert				TRUE	12/5/2019	2/11/2020		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-87000-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83464-A1	Stanislaus	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		12/7/2019	2/11/2020		2.9	8.4	68%	68%	1.55	100%	0%	0.0035	0.0100	-0.0066
G-83604-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace					12/8/2019	2/11/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-86812-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic		12/8/2019	2/11/2020		29.5	6.4	54%	74%	1.55	100%	0%	0.0352	0.0056	0.0296
G-86700-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/9/2019	2/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-86747-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2019	2/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87037-A1	Kern	Open Hearth Fireplace	Gas Insert					12/10/2019	2/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87285-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2019	2/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87835-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86739-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86873-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86975-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87099-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/14/2019	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88174-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85578-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/16/2019	2/11/2020		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-86683-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87760-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87123-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88708-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	FALSE	12/17/2019	2/11/2020		29.5	5.2	54%	68%	2.1	100%	0%	0.0477	0.0067	0.0410
G-87570-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86987-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	2/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87706-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88876-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	12/19/2019	2/11/2020		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-88046-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88081-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2019	2/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-84246-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2019	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-89146-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88884-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		12/21/2019	2/11/2020		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-88347-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87023-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.79	73	Non-Catalytic		12/23/2019	2/11/2020		2.9	1.58	68%	73%	2.67	100%	0%	0.0060	0.0030	0.0029
G-87463-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88193-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	TRUE	12/23/2019	2/11/2020		29.5	7.8	54%	68%	2.1	54%	44%	0.0258	0.0060	0.0198
G-87110-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		12/24/2019	2/11/2020		2.9	3.8	68%	68%	2.67	100%	0%	0.0060	0.0078	-0.0019
G-86888-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87852-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85347-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	12/27/2019	2/11/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-87526-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87648-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87889-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88466-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88532-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86504-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2019	2/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-86992-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87309-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88725-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87153-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		12/31/2019	2/11/2020		29.5	3.8	54%	68%	2.61	100%	0%	0.0593	0.0061	0.0532
G-87971-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88308-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88487-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/31/2019	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87777-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.7	76	Catalytic	TRUE	12/31/2019	2/11/2020		29.5	3.4	54%	76%	2.1	68%	32%	0.0322	0.0028	0.0294
G-87768-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88282-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88536-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88885-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89224-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87293-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic		1/3/2020	2/11/2020		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87150-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89677-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2020	2/11/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-88809-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic		1/4/2020	2/11/2020		22.7	4.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-88531-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/5/2020	2/11/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-88888-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88957-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86925-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88333-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89096-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-86413-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87007-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87229-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87999-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	1/8/2020	2/11/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-88008-A1	Kern	Open Hearth Fireplace	Gas Insert					1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88715-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89161-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89343-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-89349-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89479-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89704-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.7	78	Non-Catalytic		1/8/2020	2/11/2020		2.9	1.4	68%	78%	1.15	100%	0%	0.0026	0.0011	0.0015
G-87295-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88501-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/9/2020	2/11/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-89095-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2020	2/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-89142-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89540-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89817-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87474-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic		1/10/2020	2/11/2020		29.5	6.2	54%	68%	2.4	100%	0%	0.0545	0.0091	0.0454
G-87765-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	77	Non-Catalytic		1/10/2020	2/11/2020		29.5	3	54%	77%	1.57	100%	0%	0.0357	0.0025	0.0331
G-86472-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	1/10/2020	2/11/2020		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-87127-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87523-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert					1/10/2020	2/11/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-87837-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-87856-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88003-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88399-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/10/2020	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88546-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89521-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85248-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87503-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87614-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					1/11/2020	2/11/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-87958-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88548-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87456-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89498-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2020	2/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-85282-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86513-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86693-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87501-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/13/2020	2/11/2020		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-88907-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89706-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83219-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4	72	Non-Catalytic		1/14/2020	2/11/2020		29.5	6.8	54%	72%	2.61	100%	0%	0.0593	0.0102	0.0490
G-88248-A1	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.1	70	Non-Catalytic	TRUE	1/14/2020	2/11/2020		2.9	2.2	68%	70%	2.1	54%	44%	0.0025	0.0021	0.0005
G-87690-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87770-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88425-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90133-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	1/14/2020	2/11/2020		2.9	7.2	68%	68%	2.67	68%	32%	0.0040	0.0106	-0.0066
G-88491-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88768-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88921-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88972-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89528-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89906-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90377-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90397-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.7	78	Non-Catalytic	TRUE	1/15/2020	2/11/2020		29.5	1.4	54%	78%	2.1	54%	44%	0.0258	0.0009	0.0249
G-87716-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88806-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/16/2020	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90180-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88890-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89697-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89926-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90196-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90597-A1	Tulare	Wood-Burning Firebox	Gas Insert					1/17/2020	2/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88284-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	FALSE	1/18/2020	2/11/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-88889-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/18/2020	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-89211-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89851-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90193-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/18/2020	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90268-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89191-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87280-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90439-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/21/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90576-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90661-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/21/2020	2/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87372-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88568-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89414-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-89537-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/11/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88516-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88434-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90509-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87599-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89478-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	2/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90662-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90729-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2020	2/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90671-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88781-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	2/1/2020	2/11/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90815-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	0.49	63	Non-Catalytic		2/1/2020	2/11/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-90816-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2020	2/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-87785-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	2/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-76285-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/31/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86122-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/1/2019	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-83871-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2019	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86536-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6	74	Non-Catalytic		11/22/2019	2/12/2020		29.5	7.2	54%	74%	1.55	100%	0%	0.0352	0.0063	0.0289
G-85432-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	FALSE	11/24/2019	2/12/2020		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
G-86474-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85057-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	12/2/2019	2/12/2020		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-87001-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87289-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2019	2/12/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-84788-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4	74	Non-Catalytic		12/5/2019	2/12/2020		29.5	2.8	54%	74%	2.09	100%	0%	0.0475	0.0033	0.0442
G-84583-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84003-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-86982-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2019	2/12/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-87490-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2019	2/12/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-87693-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84987-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86928-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2019	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86444-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87322-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87779-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88365-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86516-A1	Kings	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic	TRUE	12/21/2019	2/12/2020		22.7	4.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-85475-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87891-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88512-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88959-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	12/24/2019	2/12/2020		22.7	3	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-85592-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/27/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86455-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2019	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88508-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2019	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84754-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88819-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86942-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89141-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86132-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87029-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87684-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88315-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88430-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88629-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88306-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/5/2020	2/12/2020		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-84949-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	1/6/2020	2/12/2020		29.5	5.2	54%	68%	2.1	53%	43%	0.0254	0.0040	0.0215
G-85062-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87147-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/6/2020	2/12/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87138-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88696-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/7/2020	2/12/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-82841-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic		1/8/2020	2/12/2020		29.5	7	54%	68%	2.09	100%	0%	0.0475	0.0089	0.0385
G-87561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88195-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88557-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88714-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88882-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89520-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89337-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.9		Non-Catalytic		1/8/2020	2/12/2020		29.5	7.8	54%	68%	1.15	100%	0%	0.0261	0.0055	0.0206
G-86437-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87608-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	1/9/2020	2/12/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-88652-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88822-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert					1/9/2020	2/12/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-89295-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2020	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89355-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88287-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88807-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90174-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86684-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87039-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/13/2020	2/12/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-87511-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88391-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87652-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89382-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89397-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89598-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-89668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89816-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86676-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					1/15/2020	2/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87730-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88305-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89666-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/15/2020	2/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90165-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89562-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic		1/15/2020	2/12/2020		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85572-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86469-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89347-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89517-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90023-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.4		Non-Catalytic	TRUE	1/16/2020	2/12/2020		22.7	6.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-87645-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87733-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88367-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-88905-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90093-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/17/2020	2/12/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90169-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87527-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87905-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88264-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87481-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87521-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89402-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90574-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90134-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	0.58		80 Catalytic		1/19/2020	2/12/2020		29.5	1.16	54%	80%	2.1	100%	0%	0.0477	0.0013	0.0464
G-84489-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87996-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88222-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89162-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	1/20/2020	2/12/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-89742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89836-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90539-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89139-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic		1/21/2020	2/12/2020		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-87590-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88439-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-88700-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89045-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89962-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	1/21/2020	2/12/2020		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-90616-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89534-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89539-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87143-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	1/23/2020	2/12/2020		29.5	7.2	54%	68%	1.15	61%	38%	0.0159	0.0033	0.0125
G-88421-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89834-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90025-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90094-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90243-A1	Fresno	Wood-Burning Firebox	Gas Insert					1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84894-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89713-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2020	2/12/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-89907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90435-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90595-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88646-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89476-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89767-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89869-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88449-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88816-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89663-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89674-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/27/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90247-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90455-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	FALSE	1/27/2020	2/12/2020		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-86882-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		73 Non-Catalytic		1/28/2020	2/12/2020		29.5	4.6	54%	73%	2.61	100%	0%	0.0593	0.0068	0.0524
G-88542-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		1/28/2020	2/12/2020		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85278-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86685-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89467-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89533-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/28/2020	2/12/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90389-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90713-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90751-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90905-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89470-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89477-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90090-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90871-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89215-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	3.9		Non-Catalytic	FALSE	1/30/2020	2/12/2020		29.5	7.8	54%	68%	2.1	100%	0%	0.0477	0.0100	0.0377
G-88828-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89226-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90168-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/30/2020	2/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90554-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90715-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87533-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88385-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90957-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/1/2020	2/12/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90981-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-81965-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87851-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	2/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-69894-A2	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3		74 Catalytic	TRUE	12/12/2019	2/12/2020		22.7	2.6	7%	74%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-67469-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-66777-A2	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2019	2/12/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-83196-A1	Merced	Open Hearth Fireplace	Gas Fireplace					11/18/2019	2/25/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87261-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2019	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86949-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	2/25/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88388-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88891-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85476-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic		12/26/2019	2/25/2020		29.5	7	54%	68%	2.1	100%	0%	0.0477	0.0090	0.0387
G-82316-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		12/27/2019	2/25/2020		29.5	7.2	54%	68%	2.67	100%	0%	0.0606	0.0118	0.0489
G-88064-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	2/25/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88630-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5		76 Non-Catalytic	FALSE	1/6/2020	2/25/2020		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-88378-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88268-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-87898-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89353-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88089-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/12/2020	2/25/2020		29.5	8.4	54%	68%	2.1	54%	44%	0.0258	0.0065	0.0193
G-87466-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/25/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90194-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic		1/14/2020	2/25/2020		29.5	7.2	54%	68%	2.67	100%	0%	0.0606	0.0118	0.0489
G-87462-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90393-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.6		Non-Catalytic	TRUE	1/16/2020	2/25/2020		29.5	7.2	54%	68%	1.16	48%	48%	0.0125	0.0028	0.0098
G-89554-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89321-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84778-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88717-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/25/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89340-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85054-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2020	2/25/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-88006-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/23/2020	2/25/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-90125-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/23/2020	2/25/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-90906-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/24/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88029-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.4		Non-Catalytic	FALSE	1/25/2020	2/25/2020		29.5	6.8	54%	68%	2.61	100%	0%	0.0593	0.0109	0.0484
G-89847-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90345-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90028-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2020	2/25/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-90598-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/25/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88893-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/29/2020	2/25/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-89164-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90810-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90996-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90266-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/30/2020	2/25/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90390-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89629-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		1/31/2020	2/25/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-90347-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90920-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91002-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91095-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90578-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic		1/31/2020	2/25/2020		22.7	8.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-86502-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89531-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86550-A1	Kern	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	2/5/2020	2/25/2020		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-87746-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-89669-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90088-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2020	2/25/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90298-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90456-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90621-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2020	2/25/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-90887-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91242-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/25/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89138-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90552-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90749-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91146-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	2/25/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91151-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90145-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	2.24	73	Non-Catalytic		2/7/2020	2/25/2020		2.9	4.48	68%	73%	2.61	100%	0%	0.0058	0.0084	-0.0026
G-90069-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91080-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91353-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91130-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86652-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	2/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85260-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.1		Non-Catalytic		2/11/2020	2/25/2020		29.5	6.2	54%	68%	2.61	100%	0%	0.0593	0.0099	0.0494
G-91290-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	2/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91391-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/11/2020	2/25/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90921-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2020	2/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85941-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2019	2/26/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-87294-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2019	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86918-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88709-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/26/2019	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86895-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/28/2019	2/26/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87654-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88316-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88374-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88133-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/26/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89543-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89518-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89522-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1	70	Non-Catalytic		1/15/2020	2/26/2020		22.7	2.2	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-89774-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/17/2020	2/26/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-89778-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86952-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/21/2020	2/26/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90533-A1	Kings	Certified Wood Insert	Gas Insert					1/21/2020	2/26/2020		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-88464-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic	FALSE	1/21/2020	2/26/2020		29.5	4	54%	72%	2.09	100%	0%	0.0475	0.0048	0.0426
G-88872-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/26/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88820-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89196-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88232-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/25/2020	2/26/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-88363-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88651-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2020	2/26/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88351-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89838-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	3.5		Non-Catalytic	TRUE	1/28/2020	2/26/2020		29.5	7	54%	68%	2.1	61%	38%	0.0290	0.0059	0.0231
G-87717-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90078-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89127-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-90229-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89475-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90144-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.9		Non-Catalytic		1/31/2020	2/26/2020		2.9	3.8	68%	68%	2.09	100%	0%	0.0047	0.0061	-0.0014
G-89806-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/26/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90817-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.49	63	Non-Catalytic		2/1/2020	2/26/2020		29.5	0.98	54%	63%	2.61	100%	0%	0.0593	0.0017	0.0576
G-91065-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90239-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90475-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/26/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90495-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88701-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic		2/5/2020	2/26/2020		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-89110-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89845-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2020	2/26/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-89867-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91211-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88142-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.7	78	Non-Catalytic	FALSE	2/6/2020	2/26/2020		29.5	1.4	54%	78%	1.55	100%	0%	0.0352	0.0012	0.0341
G-91249-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	2/26/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90738-A1	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	0.7	78	Non-Catalytic	TRUE	2/6/2020	2/26/2020		2.9	1.4	68%	78%	2.1	54%	44%	0.0025	0.0012	0.0013
G-87487-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89403-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90622-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/26/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90745-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91000-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88035-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88534-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91220-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	2/26/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89544-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	2/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91602-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	2/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86702-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2020	2/26/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91096-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2020	2/26/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91114-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	2/13/2020	2/26/2020		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-91293-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2020	2/26/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-84084-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2019	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86316-A1	Kern	Open Hearth Fireplace	Gas Insert					12/9/2019	2/27/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88161-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2019	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88166-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2019	2/27/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86937-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2019	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86743-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2019	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87605-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2019	2/27/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87255-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2019	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88898-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88800-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85481-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87810-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/27/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88088-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89377-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88373-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88817-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88799-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89523-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88246-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89410-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88567-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87361-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.7		Non-Catalytic	FALSE	1/16/2020	2/27/2020		22.7	5.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-85595-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					1/16/2020	2/27/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87359-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85379-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2020	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87394-A1	Merced	Open Hearth Fireplace	Gas Insert					1/20/2020	2/27/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88233-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/27/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88394-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89782-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/20/2020	2/27/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-88554-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/21/2020	2/27/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-89795-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/27/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89852-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	2/27/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89994-A1	Kern	Non-Certified Wood Insert	Gas Insert				FALSE	1/21/2020	2/27/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-90115-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90148-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90343-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89739-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87472-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.2		Non-Catalytic	TRUE	1/24/2020	2/27/2020		22.7	8.4	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-89835-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90476-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84815-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	72	Non-Catalytic	FALSE	1/27/2020	2/27/2020		29.5	2.8	54%	72%	2.61	100%	0%	0.0593	0.0042	0.0551
G-88148-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		1/28/2020	2/27/2020		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-71855-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/28/2020	2/27/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87580-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90961-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85009-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/29/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89124-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/29/2020	2/27/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-89198-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/29/2020	2/27/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-90167-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90854-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88515-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/27/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88925-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90575-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88813-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.3	70	Non-Catalytic		1/31/2020	2/27/2020		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-89557-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic		1/31/2020	2/27/2020		2.9	3	68%	76%	2.1	100%	0%	0.0047	0.0043	0.0003
G-87992-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-90176-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90423-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90472-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91098-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2020	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91244-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic		1/31/2020	2/27/2020		29.5	3.6	54%	68%	1.55	100%	0%	0.0352	0.0034	0.0318
G-88345-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88880-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88899-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89828-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90544-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/1/2020	2/27/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91056-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/1/2020	2/27/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87388-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90305-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90394-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91298-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	2/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89976-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90370-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90579-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85582-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87695-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2020	2/27/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-89130-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91045-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	2/5/2020	2/27/2020		22.7	3	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-89390-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90328-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90457-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90819-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2020	2/27/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90909-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90617-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90734-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/7/2020	2/27/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90998-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91057-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/8/2020	2/27/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90610-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91361-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91275-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2020	2/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91252-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	2/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-81850-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5	73	Non-Catalytic	TRUE	1/22/2020	3/3/2020		29.5	7	54%	73%	2.67	68%	32%	0.0409	0.0077	0.0333
G-87892-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2019	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87970-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					1/7/2020	3/4/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-89327-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89558-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic		1/30/2020	3/4/2020		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-75974-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	73	Non-Catalytic		2/5/2020	3/4/2020		29.5	4.6	54%	73%	2.61	100%	0%	0.0593	0.0068	0.0524
G-88056-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90250-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	3/4/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90811-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91313-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91758-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/17/2020	3/4/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-89022-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	3/4/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-91205-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2020	3/4/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88702-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		2/19/2020	3/4/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-91462-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91706-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2020	3/4/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-91310-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/19/2020	3/4/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86727-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91449-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91694-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91765-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2020	3/4/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-90033-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91593-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90758-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/22/2020	3/4/2020		22.7	5.2	7%	68%	0.299465	48%	48%	0.0025	0.0001	0.0024
G-84850-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90392-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2020	3/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90030-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		2/26/2020	3/4/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-92010-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	3/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86419-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2019	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87520-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2019	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87090-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88815-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88358-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/24/2019	3/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-86497-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		Non-Catalytic		12/26/2019	3/11/2020		2.9	2.2	68%	68%	2.1	100%	0%	0.0047	0.0036	0.0011
G-88366-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88829-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	12/27/2019	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88083-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84263-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88804-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2020	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88707-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88350-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.9	77	Non-Catalytic	FALSE	1/16/2020	3/11/2020		2.9	3.8	68%	77%	1.57	100%	0%	0.0035	0.0041	-0.0006
G-86473-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/22/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88824-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/25/2020	3/11/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-90375-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.4	67	Non-Catalytic	FALSE	1/27/2020	3/11/2020		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-85249-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90366-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90471-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88323-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91001-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85384-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90175-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88371-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85292-A1	Fresno	Non-Certified Wood Insert	Gas Insert					2/4/2020	3/11/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-88523-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-89464-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2020	3/11/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-90507-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2020	3/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87949-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2020	3/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90277-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90932-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	3/11/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88533-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					2/7/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90441-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91213-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88927-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88970-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90536-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85319-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/9/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90594-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87141-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		2/10/2020	3/11/2020		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-89842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90724-A1	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove					2/10/2020	3/11/2020		14.5785	0	68%	68%	1.15	100%	0%	0.0129	0.0000	0.0129
G-91053-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/10/2020	3/11/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-91481-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91604-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/11/2020	3/11/2020		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-90111-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90352-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91284-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86923-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90740-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90912-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90915-A1	Kings	Wood-Burning Firebox	Gas Insert				FALSE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91141-A1	Merced	Open Hearth Fireplace	Gas Insert					2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91506-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91582-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-91849-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90138-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91406-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89849-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89930-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	2/17/2020	3/11/2020		29.5	9	54%	71%	2.1	53%	43%	0.0254	0.0066	0.0189
G-90549-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90732-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90841-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91209-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2020	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91825-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2020	3/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91324-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.1		Non-Catalytic		2/18/2020	3/11/2020		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-91062-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/11/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91459-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/19/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87575-A1	Madera	Open Hearth Fireplace	Gas Insert					2/20/2020	3/11/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90917-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/11/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91319-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/11/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-91336-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90727-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92033-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2020	3/11/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87874-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2020	3/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91167-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/11/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92294-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2020	3/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90960-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/20/2020	3/11/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-83651-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	0.89		76 Catalytic	TRUE	10/11/2019	3/12/2020		22.7	1.78	7%	76%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86878-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2019	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86738-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2019	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87622-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2019	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88514-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2019	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89160-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87894-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89378-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88562-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89145-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89690-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84820-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/20/2020	3/12/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-90029-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89764-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90227-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/22/2020	3/12/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-89870-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89882-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90437-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89692-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	1.9		Non-Catalytic	TRUE	1/27/2020	3/12/2020		22.7	3.8	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-91049-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85152-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	0.58		80 Hybrid	FALSE	1/29/2020	3/12/2020		22.7	1.16	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90153-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90699-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					1/29/2020	3/12/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-89179-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90036-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90242-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2020	3/12/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-87330-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89546-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2020	3/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90364-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91110-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89705-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	3/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90783-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/6/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87514-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/7/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91064-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89691-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90251-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-90612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90422-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.1	79	Hybrid		2/8/2020	3/12/2020		22.7	2.2	7%	79%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90118-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90170-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91113-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91519-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90128-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.6		Non-Catalytic	TRUE	2/10/2020	3/12/2020		22.7	3.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-90246-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90730-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89263-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90035-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90942-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91458-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89781-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90075-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	2/13/2020	3/12/2020		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-91444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91592-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90226-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	3/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-90748-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/14/2020	3/12/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-91845-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/14/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91848-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/14/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90995-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91164-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91219-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91409-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91598-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91712-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91837-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88920-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2020	3/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-90938-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91722-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/17/2020	3/12/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-88718-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89743-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91194-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91725-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/18/2020	3/12/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-87593-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87606-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89225-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89515-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89981-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90550-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91124-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91552-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88623-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/20/2020	3/12/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-89854-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/20/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90220-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91138-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91941-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90474-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91039-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91218-A1	Kern	Open Hearth Fireplace	Gas Insert					2/21/2020	3/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91221-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87554-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90613-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/22/2020	3/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91337-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91362-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91775-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/22/2020	3/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91187-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90939-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2020	3/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91392-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/24/2020	3/12/2020		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-91443-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91589-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91839-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	3/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91054-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	3/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91445-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91847-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	3/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92123-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91822-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2020	3/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92030-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	2/28/2020	3/12/2020		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-92007-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92293-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2020	3/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91934-A1	Fresno	Freestanding Non-Certified Pellet Stove	Gas Fireplace				FALSE	3/5/2020	3/12/2020		2.9	0	68%	68%	2.09	100%	0%	0.0047	0.0000	0.0047
G-85076-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5		Non-Catalytic	FALSE	2/18/2020	3/16/2020		29.5	5	54%	68%	2.61	100%	0%	0.0593	0.0080	0.0513
G-84872-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2019	3/18/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87940-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/5/2020	3/18/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-85671-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87283-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87715-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/20/2020	3/18/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-90720-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90272-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	2		Non-Catalytic	TRUE	2/24/2020	3/18/2020		2.9	4	68%	68%	1.15	61%	38%	0.0016	0.0023	-0.0008
G-91111-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/24/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90916-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	3/18/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91763-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.78	64	Non-Catalytic		2/27/2020	3/18/2020		29.5	1.56	54%	64%	2.1	100%	0%	0.0477	0.0021	0.0456
G-90084-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	2/28/2020	3/18/2020		2.9	3.6	68%	68%	2.61	100%	0%	0.0058	0.0072	-0.0014
G-91721-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/18/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91962-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	2.1		Non-Catalytic		3/5/2020	3/18/2020		22.7	4.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-91369-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91447-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91608-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2020	3/18/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-81117-A1	Kern	Wood-Burning Firebox	Gas Fireplace					10/28/2019	3/19/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-83144-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	12/18/2019	3/19/2020		22.7	7	7%	68%	0.299465	33%	57%	0.0017	0.0001	0.0017
G-89134-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2020	3/19/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90166-A1	Fresno	Non-Certified Wood Insert	Gas Insert					1/31/2020	3/19/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-88401-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	3/19/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-89794-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90072-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2020	3/19/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90551-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91216-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/20/2020	3/19/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-91773-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89776-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91832-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92025-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85142-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91433-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91844-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/27/2020	3/19/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-90670-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91152-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91827-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92227-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90506-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92150-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88991-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	3/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90132-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92069-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2020	3/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90911-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/6/2020	3/19/2020		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-84220-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.66				10/14/2019	3/24/2020		2.9	1.32	68%	68%	2.1	100%	0%	0.0047	0.0021	0.0026
G-77330-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		Non-Catalytic		10/20/2019	3/24/2020		29.5	2.2	54%	68%	2.61	100%	0%	0.0593	0.0035	0.0558
G-86675-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	4.1		Non-Catalytic		11/30/2019	3/24/2020		29.5	8.2	54%	68%	2.1	100%	0%	0.0477	0.0105	0.0372
G-87895-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2019	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88058-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/9/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-84449-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	3/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88224-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88617-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87391-A1	Kern	Non-Certified Wood Insert	Gas Insert					1/20/2020	3/24/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-89472-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2020	3/24/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-87687-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89567-A1	Kings	Non-Certified Wood Insert	Gas Insert					2/3/2020	3/24/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-85646-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89243-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic		2/6/2020	3/24/2020		22.7	7	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-90363-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90852-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90958-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91334-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89526-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	3/24/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-90922-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85346-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89561-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	2/13/2020	3/24/2020		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-89369-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91204-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90139-A1	Stanislaus	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		70		2/15/2020	3/24/2020		2.9	2.2	68%	70%	2.1	100%	0%	0.0047	0.0035	0.0012
G-88897-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91333-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90225-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91077-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90137-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/24/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90962-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90421-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89662-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90055-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92127-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90051-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.96		70 Non-Catalytic	FALSE	2/28/2020	3/24/2020		29.5	1.92	54%	70%	1.16	100%	0%	0.0263	0.0013	0.0250
G-90491-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90839-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91097-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91494-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92165-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89381-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/29/2020	3/24/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-91178-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91690-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87591-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91595-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88825-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/2/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91395-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92078-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91248-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91365-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/3/2020	3/24/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-91590-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	3/24/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91972-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92027-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/3/2020	3/24/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-86948-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91510-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92031-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/4/2020	3/24/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-89770-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91132-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91403-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92226-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90387-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/6/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-90886-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91518-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91975-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85083-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91163-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90231-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91835-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.5		Non-Catalytic	FALSE	3/9/2020	3/24/2020		29.5	9	54%	68%	2.61	100%	0%	0.0593	0.0144	0.0449
G-91843-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92121-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92125-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92153-A1	Fresno	Non-Certified Wood Insert	Gas Insert					3/9/2020	3/24/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-87607-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92486-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92608-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	3/10/2020	3/24/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-92445-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/10/2020	3/24/2020		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-89254-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic		3/11/2020	3/24/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-90809-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	3/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91555-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92231-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91366-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7		76 Catalytic	TRUE	3/12/2020	3/24/2020		22.7	3.4	7%	76%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-89242-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/12/2020	3/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90529-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92120-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92132-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92745-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	3/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92556-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92635-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2020	3/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92866-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/17/2020	3/24/2020		22.7	5.2	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-84491-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/15/2020	3/25/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91112-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90910-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90546-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2020	3/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90997-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90188-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	3/25/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90555-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89471-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	3/25/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91438-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	3/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90438-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/27/2020	3/25/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91174-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90937-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	3/25/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-90950-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92052-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82068-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					3/2/2020	3/25/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-91840-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91921-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2020	3/25/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89982-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91373-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/3/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91553-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91723-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/3/2020	3/25/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92321-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	3/25/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91245-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92076-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90936-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91680-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2020	3/25/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92354-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/7/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90473-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92271-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2020	3/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92735-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	3/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92566-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	3/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89792-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		70 Non-Catalytic	TRUE	1/24/2020	3/26/2020		29.5	2.6	54%	70%	1.16	48%	48%	0.0125	0.0010	0.0115
G-91846-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2020	3/26/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90459-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91948-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	3/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91760-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2020	3/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86511-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2019	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90382-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90383-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90384-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90385-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90388-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91092-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	4/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87576-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2020	4/1/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93011-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2020	4/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92353-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2020	4/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85607-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88590-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		2/5/2020	4/3/2020		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-90508-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					2/11/2020	4/3/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91123-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91135-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	4/3/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89727-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	4/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91945-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/29/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92515-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/29/2020	4/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88786-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	4/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92147-A1	Tulare	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	0.5		78 Catalytic		3/3/2020	4/3/2020		2.9	1	68%	78%	2.4	100%	0%	0.0054	0.0016	0.0037
G-91482-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/4/2020	4/3/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-90954-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace				TRUE	3/5/2020	4/3/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-89563-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/6/2020	4/3/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91667-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	3/6/2020	4/3/2020		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-89261-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/7/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90542-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2020	4/3/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91588-A1	Tulare	Wood-Burning Firebox	Gas Insert					3/9/2020	4/3/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-92682-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91015-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.1	68	Non-Catalytic		3/12/2020	4/3/2020		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-91755-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91597-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91724-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89511-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/14/2020	4/3/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-90427-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2020	4/3/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91208-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2020	4/3/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-91858-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92329-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2020	4/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91378-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/18/2020	4/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87519-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2019	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90993-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90237-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87497-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2020	4/13/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90104-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/10/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91273-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88627-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	4/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91210-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/14/2020	4/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86694-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2020	4/13/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91719-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91834-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91075-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	3/6/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85095-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2020	4/13/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-92543-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92546-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84417-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2020	4/13/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92101-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89362-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90848-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92152-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/18/2020	4/13/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-91307-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2020	4/13/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-91856-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/19/2020	4/13/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92122-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92171-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/19/2020	4/13/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92956-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2020	4/13/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-91457-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90433-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92960-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92083-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92803-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/24/2020	4/13/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92883-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92929-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic		3/26/2020	4/13/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-90143-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2020	4/13/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93101-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.49	63	Non-Catalytic		3/28/2020	4/13/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91297-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92873-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/30/2020	4/13/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91681-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	2/29/2020	4/14/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-91784-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2020	4/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91199-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	4/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92055-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2020	4/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92689-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/18/2020	4/14/2020		29.5	5.2	54%	68%	2.1	54%	44%	0.0258	0.0040	0.0218
G-76743-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	2/12/2020	4/15/2020		29.5	3	54%	76%	2.1	24%	59%	0.0115	0.0011	0.0104
G-89664-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91619-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92115-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-73495-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					2/29/2020	4/15/2020		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-89726-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2020	4/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93126-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2020	4/15/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88307-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92381-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		Non-Catalytic		3/27/2020	4/15/2020		29.5	3.2	54%	68%	2.61	100%	0%	0.0593	0.0051	0.0542
G-91915-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-85224-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89784-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92744-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88993-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/31/2020	4/15/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-92959-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	4/1/2020	4/15/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-92351-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2020	4/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87849-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	4/16/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89831-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91206-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2020	4/16/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-90615-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/7/2020	4/16/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-89923-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91044-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90983-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91175-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90883-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91214-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90487-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2020	4/16/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92058-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2020	4/16/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92725-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92954-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92376-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2020	4/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93043-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1			TRUE	3/20/2020	4/16/2020		22.7	2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-93100-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	TRUE	3/21/2020	4/16/2020		22.7	5.2	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-81972-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/9/2019	4/20/2020		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-88389-A1	Kern	Open Hearth Fireplace	Gas Insert					1/28/2020	4/20/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90606-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	2/10/2020	4/20/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-86947-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace					2/17/2020	4/20/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90131-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91770-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/26/2020	4/20/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-91942-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2020	4/20/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92072-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	TRUE	2/26/2020	4/20/2020		22.7	3.6	7%	71%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-89597-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92500-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/5/2020	4/20/2020		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-91713-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					3/8/2020	4/20/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-91274-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	3/10/2020	4/20/2020		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-92752-A1	Merced	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	3/13/2020	4/20/2020		29.5	0	54%	68%	2.67	68%	32%	0.0409	0.0000	0.0409
G-92641-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86311-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/17/2020	4/20/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-86896-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/17/2020	4/20/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-90299-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93159-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	3.5		Non-Catalytic	TRUE	3/18/2020	4/20/2020		22.7	7	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-90102-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91497-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/19/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91605-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90868-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92003-A1	Kern	Wood-Burning Firebox	Gas Insert					3/20/2020	4/20/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-92933-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2020	4/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93052-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	4.1		Non-Catalytic	FALSE	3/21/2020	4/20/2020		29.5	8.2	54%	68%	1.55	100%	0%	0.0352	0.0078	0.0274
G-92225-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92379-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90913-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91149-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/25/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91426-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91454-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92392-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93010-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/25/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92637-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93262-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93267-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84414-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9		74 Non-Catalytic	FALSE	3/27/2020	4/20/2020		22.7	5.8	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-92952-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93263-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93269-A1	Fresno	Freestanding Non-Certified Pellet Stove	Gas Insert				TRUE	3/27/2020	4/20/2020		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-93147-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	TRUE	3/27/2020	4/20/2020		22.7	3.6	7%	71%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91916-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92295-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88636-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91364-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/31/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93230-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					3/31/2020	4/20/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-93300-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/31/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91125-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92034-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92296-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92505-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92593-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93123-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92683-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93061-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/2/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93178-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/2/2020	4/20/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-93218-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91276-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93051-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93252-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93054-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic		4/4/2020	4/20/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-92042-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2020	4/20/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-93233-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92891-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/6/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93075-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92880-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/7/2020	4/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93098-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2020	4/20/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-93780-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87508-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	4/8/2020	4/20/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-92382-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93357-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91168-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93359-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93706-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	4/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90442-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2020	4/20/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92932-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2020	4/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93225-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2020	4/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93931-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2020	4/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76403-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.5		71 Non-Catalytic		10/17/2019	4/21/2020		29.5	9	54%	71%	2.1	100%	0%	0.0477	0.0111	0.0366
G-85447-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2019	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84223-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	12/19/2019	4/21/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-88713-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2019	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88922-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2020	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90121-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2020	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88968-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91821-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89545-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2020	4/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-91376-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89527-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91046-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91514-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	4/21/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91683-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	4/21/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93046-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91508-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93055-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88383-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91325-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92957-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93296-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2020	4/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92130-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic		4/1/2020	4/21/2020		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-87453-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2020	4/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93298-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	4/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93332-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2020	4/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93299-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/28/2020	4/22/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2020	4/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90914-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2020	4/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85454-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2019	4/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90951-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/8/2020	4/27/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-90369-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/25/2020	4/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91012-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2020	4/27/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93223-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	4/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92118-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2020	4/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93134-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	4.1		Non-Catalytic	TRUE	4/10/2020	4/27/2020		22.7	8.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0027
G-92872-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2020	4/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93943-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	3.6		Non-Catalytic		4/10/2020	4/27/2020		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-84442-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		4/15/2020	4/27/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-93712-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2020	4/27/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88706-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2020	4/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91434-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/4/2020	4/28/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90818-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	4/2/2020	4/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86574-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2020	4/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87924-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2020	4/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88643-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2020	4/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92501-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2020	4/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90308-A1	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	1.5	76	Non-Catalytic	TRUE	2/17/2020	4/29/2020		2.9	3	68%	76%	2.1	68%	32%	0.0032	0.0031	0.0000
G-91785-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2020	4/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87758-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	4/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90164-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/23/2020	5/4/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-88001-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	12/18/2019	5/5/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-75219-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/31/2019	5/5/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88283-A1	Kern	Wood-burning firebox	Gas Insert				TRUE	1/18/2020	5/5/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84502-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	5/5/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-89108-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-86124-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	3/3/2020	5/5/2020		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-91303-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92221-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92629-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92685-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92648-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/13/2020	5/5/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-92029-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92173-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87948-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2020	5/5/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93331-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92075-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/1/2020	5/5/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-87847-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2020	5/5/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92220-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2020	5/5/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-75841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92051-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/8/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93949-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2	72	Non-Catalytic	FALSE	4/8/2020	5/5/2020		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-94068-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	4/9/2020	5/5/2020		22.7	5.2	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-93356-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93242-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/11/2020	5/5/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-93224-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2020	5/5/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93488-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/13/2020	5/5/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93283-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93971-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91601-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2020	5/5/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-92867-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2020	5/5/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93341-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/16/2020	5/5/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93586-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93954-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87951-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91165-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94146-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	3.6		Non-Catalytic		4/20/2020	5/5/2020		22.7	7.2	7%	68%	0.299465	100%	0%	0.0052	0.0002	0.0051
G-92084-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2020	5/5/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-87373-A1	Kings	Non-Certified Wood Insert	Certified Pellet Insert	1.5	76		FALSE	4/22/2020	5/5/2020		29.5	3	54%	76%	2.1	100%	0%	0.0477	0.0034	0.0443
G-92039-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic	FALSE	4/22/2020	5/5/2020		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-93067-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2020	5/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87452-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	5/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84945-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/23/2020	5/6/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-91720-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2020	5/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93118-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2020	5/6/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-91243-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/29/2020	5/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-94034-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2020	5/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-80226-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/16/2019	5/19/2020		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-87938-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.7	76	Hybrid		11/27/2019	5/19/2020		29.5	3.4	54%	76%	2.09	100%	0%	0.0475	0.0039	0.0436
G-80239-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	5/19/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91699-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	2/10/2020	5/19/2020		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87850-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/17/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91691-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/18/2020	5/19/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-89361-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9	73	Non-Catalytic	FALSE	2/20/2020	5/19/2020		29.5	3.8	54%	73%	2.4	100%	0%	0.0545	0.0052	0.0493
G-91269-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/12/2020	5/19/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90523-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2020	5/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93270-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90739-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89487-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/2/2020	5/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88004-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93213-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	4.2		Non-Catalytic		4/23/2020	5/19/2020		29.5	8.4	54%	68%	2.1	100%	0%	0.0477	0.0108	0.0369
G-91841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92821-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2020	5/19/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-93151-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94610-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2020	5/19/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-94565-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.89	70	Non-Catalytic	FALSE	4/29/2020	5/19/2020		29.5	1.78	54%	70%	2.1	100%	0%	0.0477	0.0022	0.0455
G-94218-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94657-A1	San Joaquin	Wood-Burning Firebox	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	4/30/2020	5/19/2020		22.7	4.8	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-91613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2020	5/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94595-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2020	5/19/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94499-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2020	5/19/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-94562-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2020	5/19/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85106-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84075-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2019	5/20/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87509-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89192-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90834-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	5/20/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-90235-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91994-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					3/4/2020	5/20/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-92045-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	3/5/2020	5/20/2020		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-90668-A1	Fresno	Open Hearth Fireplace	Gas Insert					3/9/2020	5/20/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90808-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic		3/20/2020	5/20/2020		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-91442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91772-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	5/20/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-92931-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93311-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/14/2020	5/20/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-88902-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2020	5/20/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93763-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93946-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/17/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92297-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92322-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93702-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2020	5/20/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92869-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93786-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2020	5/20/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91883-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93236-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91888-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92562-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2020	5/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-94024-A1	Madera	Open Hearth Fireplace	Gas Fireplace				TRUE	4/23/2020	5/20/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-94271-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.4	72	Non-Catalytic	TRUE	4/24/2020	5/20/2020		22.7	2.8	7%	72%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-94611-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	4/25/2020	5/20/2020		22.7	5.8	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-90117-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	4/26/2020	5/20/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-93090-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93956-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92148-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92361-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	4/29/2020	5/20/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-94597-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	4/29/2020	5/20/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-94716-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94467-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2020	5/20/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94612-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	5/5/2020	5/20/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-94741-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2020	5/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-88065-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94443-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2020	5/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94743-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/12/2020	5/20/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-83129-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2020	5/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92074-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	5/4/2020	5/21/2020		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-93219-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2020	5/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93310-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2020	5/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-93330-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2020	5/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-77464-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/8/2020	5/21/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93338-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2020	5/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94623-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	5/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94723-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	5/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94788-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					5/12/2020	5/21/2020		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-94895-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	5/21/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91756-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2020	6/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92298-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2020	6/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93795-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2020	6/2/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93184-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2020	6/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87721-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2020	6/2/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-86978-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.7	73	Non-Catalytic	FALSE	5/5/2020	6/2/2020		2.9	3.4	68%	73%	2.61	100%	0%	0.0058	0.0064	-0.0005
G-94733-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/6/2020	6/2/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-94827-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.2	72	Non-Catalytic	TRUE	5/8/2020	6/2/2020		29.5	2.4	54%	72%	2.1	54%	44%	0.0258	0.0018	0.0241
G-93788-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	6/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91188-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/13/2020	6/2/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92212-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	5/13/2020	6/2/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-92814-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2020	6/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-94814-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2020	6/2/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-94812-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic		5/13/2020	6/2/2020		29.5	4.6	54%	72%	2.61	100%	0%	0.0593	0.0069	0.0524
G-91441-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2020	6/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93473-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2020	6/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94313-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2020	6/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94541-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/16/2020	6/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95206-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2020	6/2/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95088-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic		5/22/2020	6/2/2020		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-88441-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2020	6/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94389-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2020	6/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87972-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	6.2	63	Non-Catalytic	TRUE	1/17/2020	6/26/2020		22.7	12.4	7%	63%	0.299465	53%	43%	0.0028	0.0002	0.0026
G-89765-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/22/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90061-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2020	6/26/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91464-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89541-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/21/2020	6/26/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91127-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94030-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93342-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic		5/6/2020	6/26/2020		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-92709-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94815-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	5/8/2020	6/26/2020		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-94972-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2020	6/26/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93640-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93103-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/13/2020	6/26/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-94953-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88794-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	5/14/2020	6/26/2020		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-94708-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94971-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic	FALSE	5/14/2020	6/26/2020		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-94221-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94813-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95091-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/19/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93983-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic		5/20/2020	6/26/2020		29.5	4.6	54%	72%	2.09	100%	0%	0.0475	0.0056	0.0419
G-92636-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94270-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94649-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91396-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95018-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	5/21/2020	6/26/2020		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-95022-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95198-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94709-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/22/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94840-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2020	6/26/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-95293-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95294-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.9		Non-Catalytic		5/27/2020	6/26/2020		29.5	5.8	54%	68%	2.1	100%	0%	0.0477	0.0074	0.0403
G-93580-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2020	6/26/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95442-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2020	6/26/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87726-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86991-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89318-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88132-A1	Madera	Wood-Burning Firebox	Gas Fireplace				FALSE	1/31/2020	6/29/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-89968-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90908-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93045-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2020	6/29/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92507-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace				TRUE	4/20/2020	6/29/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-89779-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89672-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91410-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	5/2/2020	6/29/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-92378-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic	TRUE	5/2/2020	6/29/2020		22.7	9	7%	71%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-87651-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/3/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93850-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93211-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2020	6/29/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-94627-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.9		Non-Catalytic		5/7/2020	6/29/2020		22.7	5.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-94272-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94634-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91777-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94786-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92497-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1	70	Non-Catalytic	FALSE	5/12/2020	6/29/2020		29.5	2	54%	70%	1.57	100%	0%	0.0357	0.0019	0.0338
G-93478-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90178-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92647-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					5/19/2020	6/29/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-92928-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic		5/19/2020	6/29/2020		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-83770-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92004-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93474-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/21/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93962-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/21/2020	6/29/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90736-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/22/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92861-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/22/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93137-A1	Fresno	Wood-burning firebox	Gas Insert				TRUE	5/22/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95366-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2020	6/29/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-94695-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92264-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	5/26/2020	6/29/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90812-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/27/2020	6/29/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-93791-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/27/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95040-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic		5/27/2020	6/29/2020		29.5	4.6	54%	72%	2.67	100%	0%	0.0606	0.0071	0.0536
G-95403-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94824-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94967-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/29/2020	6/29/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-95312-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/29/2020	6/29/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-93234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/30/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90282-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/1/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95592-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	6/1/2020	6/29/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-91013-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95405-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/2/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93481-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93485-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94968-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91314-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	6/5/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95239-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/5/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95325-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	6/5/2020	6/29/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-95455-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/5/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95589-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/5/2020	6/29/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95679-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/6/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92373-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92875-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93116-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95235-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/9/2020	6/29/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-94898-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	6/10/2020	6/29/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-95221-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	6/10/2020	6/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95597-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95587-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/11/2020	6/29/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-91961-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic	FALSE	6/13/2020	6/29/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-94561-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/15/2020	6/29/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95317-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic	FALSE	6/16/2020	6/29/2020		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-91671-A2	Fresno	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic	FALSE	5/29/2020	6/29/2020		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-95208-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2020	6/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90219-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2020	7/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89734-A1	Merced	Wood-Burning Firebox	Gas Fireplace				TRUE	2/14/2020	7/2/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-94115-A1	Kern	Wood-Burning Firebox	Certified Wood Insert	2.6		Non-Catalytic	FALSE	4/21/2020	7/2/2020		22.7	5.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-94744-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2020	7/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94711-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	5/26/2020	7/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88647-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	5/29/2020	7/2/2020		29.5	2.2	54%	76%	1.55	100%	0%	0.0352	0.0019	0.0333
G-94386-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic		5/29/2020	7/2/2020		29.5	3	54%	71%	2.61	100%	0%	0.0593	0.0046	0.0547
G-95766-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/6/2020	7/2/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95412-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2020	7/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93125-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2020	7/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95598-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2020	7/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95782-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/10/2020	7/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84848-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic	TRUE	6/12/2020	7/2/2020		29.5	3	54%	71%	2.4	53%	43%	0.0291	0.0025	0.0266
G-94839-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.9		78 Hybrid		6/12/2020	7/2/2020		29.5	3.8	54%	78%	2.1	100%	0%	0.0477	0.0043	0.0434
G-95135-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/16/2020	7/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94961-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94963-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93847-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2020	7/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92348-A1	San Joaquin	Certified Pellet Insert	Gas Fireplace					4/28/2020	7/6/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-92331-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	5/10/2020	7/6/2020		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-94647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92646-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94784-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2020	7/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93044-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.5		71 Non-Catalytic		5/28/2020	7/6/2020		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-93087-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2020	7/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90949-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic		6/5/2020	7/6/2020		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-94801-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/5/2020	7/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90505-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					6/10/2020	7/6/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-93513-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94148-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87483-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/18/2020	7/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89345-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94899-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90534-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/19/2020	7/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94040-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	7/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94674-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/25/2020	7/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-85877-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2019	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89383-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2020	7/21/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-87655-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	7/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93699-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8		Non-Catalytic	FALSE	4/28/2020	7/21/2020		29.5	3.6	54%	68%	2.61	100%	0%	0.0593	0.0057	0.0535
G-95041-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	5/30/2020	7/21/2020		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-95443-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94992-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	6/8/2020	7/21/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-95016-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2020	7/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95653-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2020	7/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92736-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2020	7/21/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-96144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2020	7/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96049-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/17/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96101-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96102-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94691-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2020	7/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95973-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2020	7/21/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96586-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2020	7/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96387-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2020	7/21/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-88018-A1	Madera	Non-Certified Wood Insert	Gas Fireplace				FALSE	1/3/2020	7/22/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-85588-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91455-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	2/17/2020	7/22/2020		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-91819-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/4/2020	7/22/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91828-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/6/2020	7/22/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93569-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87698-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.3		74 Catalytic	FALSE	4/23/2020	7/22/2020		29.5	2.6	54%	74%	1.15	100%	0%	0.0261	0.0017	0.0244
G-90432-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.6		Non-Catalytic	TRUE	5/5/2020	7/22/2020		22.7	5.2	7%	68%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-93136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-95052-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	5/14/2020	7/22/2020		22.7	4.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-95077-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93966-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	5/21/2020	7/22/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-94937-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/27/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94976-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	4.5	71	Non-Catalytic		5/27/2020	7/22/2020		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-93533-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	6/3/2020	7/22/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-95115-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	6/4/2020	7/22/2020		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-92071-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95240-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95676-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/12/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96017-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/12/2020	7/22/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-95972-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/15/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95164-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96050-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95396-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95652-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95668-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	6/18/2020	7/22/2020		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-95693-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	7/22/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-95402-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96209-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/22/2020	7/22/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92426-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95073-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	6/23/2020	7/22/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-95604-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/23/2020	7/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91144-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/24/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95674-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/24/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96275-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic		6/24/2020	7/22/2020		29.5	1.98	54%	77%	2.61	100%	0%	0.0593	0.0028	0.0565
G-93559-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95866-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2020	7/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95295-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95401-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95665-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95711-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96117-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96341-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/26/2020	7/22/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-95651-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89519-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96046-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.89	76	Catalytic	TRUE	6/29/2020	7/22/2020		22.7	1.78	7%	76%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-95479-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/1/2020	7/22/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-96210-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2020	7/22/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91246-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.79	73	Non-Catalytic		7/2/2020	7/22/2020		2.9	1.58	68%	73%	2.61	100%	0%	0.0058	0.0030	0.0029
G-96020-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	7/3/2020	7/22/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-96357-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/6/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90425-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93557-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2020	7/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96041-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	6/16/2020	7/30/2020		22.7	5.8	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-95503-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	7/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96245-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	7/30/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96205-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2020	7/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93877-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2020	7/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95908-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	7/8/2020	7/30/2020		22.7	5.8	7%	68%	0.299465	68%	32%	0.0035	0.0001	0.0034
G-95440-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2020	7/30/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95482-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/11/2020	7/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89399-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94593-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-84456-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					5/15/2020	8/6/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91669-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94442-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	6/4/2020	8/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-95448-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/11/2020	8/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-91436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/12/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94408-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90380-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95975-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/22/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96342-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2020	8/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95339-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92107-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94803-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94962-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	6/26/2020	8/6/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-95971-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95909-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	6/27/2020	8/6/2020		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-96120-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88814-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93950-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	7/2/2020	8/6/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-96598-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/2/2020	8/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-96243-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic		7/3/2020	8/6/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-92738-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90569-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96648-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	7/7/2020	8/6/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-96728-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/7/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96089-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/8/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96555-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2020	8/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-95406-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2020	8/6/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-95612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95776-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96072-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	7/9/2020	8/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96339-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	7/9/2020	8/6/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-96131-A1	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	1.9		Non-Catalytic		7/9/2020	8/6/2020		22.7	3.8	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-92484-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/10/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95318-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/10/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96462-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/10/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-94515-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96952-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97108-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2020	8/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95586-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96201-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97105-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96724-A1	Fresno	Wood-Burning Firebox	Gas Insert					7/15/2020	8/6/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-96658-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.89	70	Non-Catalytic	FALSE	7/16/2020	8/6/2020		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-94655-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2020	8/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95770-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/16/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97232-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96884-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.9		Non-Catalytic	TRUE	7/18/2020	8/6/2020		22.7	5.8	7%	68%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-96883-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	7/18/2020	8/6/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-94247-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2020	8/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2020	8/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96886-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	7/23/2020	8/6/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-92714-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/21/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96003-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2	72	Non-Catalytic	FALSE	7/1/2020	8/7/2020		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-91357-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2020	8/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96123-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/8/2020	8/7/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-96175-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	7/9/2020	8/7/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91715-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/13/2020	8/7/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-92110-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/16/2020	8/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92717-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/16/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95992-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2020	8/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91957-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/20/2020	8/7/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93789-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95507-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95599-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/20/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95667-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2020	8/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95923-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2020	8/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97236-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2020	8/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97420-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2020	8/7/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90447-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2020	8/7/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93953-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2020	8/11/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91327-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.5	71	Non-Catalytic		3/11/2020	8/12/2020		22.7	9	7%	71%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-94779-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	5/11/2020	8/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93062-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96118-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92495-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91011-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/15/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88348-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2020	8/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95880-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2020	8/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96829-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95960-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/17/2020	8/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92022-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95527-A1	Stanislaus	Non-Certified Pellet Insert	Gas Fireplace				TRUE	7/20/2020	8/12/2020		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-95039-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/21/2020	8/12/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93632-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/22/2020	8/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95335-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97046-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/24/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96006-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84283-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97421-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	7/30/2020	8/12/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-92848-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2020	8/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91688-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2020	8/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94026-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	5/1/2020	8/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93215-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92958-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92385-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95238-A1	Merced	Wood-Burning Firebox	Gas Fireplace				TRUE	7/10/2020	8/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-95558-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.8	60	Non-Catalytic	FALSE	7/14/2020	8/17/2020		29.5	3.6	54%	60%	2.61	100%	0%	0.0593	0.0065	0.0528
G-92771-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96496-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/20/2020	8/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96133-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2020	8/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-95593-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/22/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96384-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/22/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96614-A1	Madera	Wood-Burning Firebox	Gas Fireplace					7/22/2020	8/17/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-96168-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96769-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2020	8/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92573-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96241-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96242-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2020	8/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95637-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/28/2020	8/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96671-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96866-A1	Stanislaus	Certified Wood Insert	Gas Insert					7/28/2020	8/17/2020		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-90994-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96229-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/29/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96356-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96044-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	76	Hybrid		7/30/2020	8/17/2020		22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-91479-A1	Kern	Wood-Burning Firebox	Gas Insert					7/30/2020	8/17/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-96119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97353-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2020	8/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96557-A1	Madera	Non-Certified Pellet Insert	Gas Insert					8/1/2020	8/17/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-86994-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2020	8/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96167-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/3/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-96015-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97422-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	8/5/2020	8/17/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-93214-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/6/2020	8/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95163-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace					8/6/2020	8/17/2020		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-97645-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/8/2020	8/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96651-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	8/6/2020	8/21/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-92375-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/11/2020	8/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90665-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1	73	Non-Catalytic	TRUE	7/16/2020	8/24/2020		29.5	2	54%	73%	1.15	61%	38%	0.0159	0.0009	0.0150
G-97144-A1	Merced	Wood-Burning Firebox	Gas Fireplace				TRUE	7/22/2020	8/24/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97184-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	7/22/2020	8/24/2020		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97071-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2020	8/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-97552-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2020	8/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	8/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90709-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/6/2020	8/24/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97298-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/6/2020	8/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92366-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2020	8/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96445-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2020	8/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96324-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2020	8/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96016-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace				TRUE	6/24/2020	8/25/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-95978-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9	78	Hybrid		6/30/2020	8/25/2020		29.5	3.8	54%	78%	2.1	100%	0%	0.0477	0.0043	0.0434
G-95504-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic		7/10/2020	8/25/2020		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-97186-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2020	8/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87975-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97853-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic		8/5/2020	8/25/2020		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-97461-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/7/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97828-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.8	71	Non-Catalytic		8/7/2020	8/25/2020		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-92594-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94660-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97666-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2020	8/25/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97976-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2020	8/25/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-87920-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/12/2020	8/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89913-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	8/25/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97213-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/15/2020	8/25/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97049-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/16/2020	8/25/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-98385-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2020	8/25/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92049-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	3/12/2020	9/1/2020		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-92864-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace					4/21/2020	9/1/2020		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
G-92263-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	4/24/2020	9/1/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-94629-A1	Stanislaus	Certified Wood Insert	Gas Insert				FALSE	5/19/2020	9/1/2020		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-93556-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95881-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/6/2020	9/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96494-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2020	9/1/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96738-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/10/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96495-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2020	9/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97092-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97329-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94459-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	74	Non-Catalytic		7/29/2020	9/1/2020		29.5	3.6	54%	74%	2.09	100%	0%	0.0475	0.0042	0.0432
G-95560-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2020	9/1/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-89512-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	9/1/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91207-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2020	9/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97776-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	8/8/2020	9/1/2020		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-88841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91716-A1	Kern	Open Hearth Fireplace	Gas Insert					8/10/2020	9/1/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97233-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2020	9/1/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-95439-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96904-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2020	9/1/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98017-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2020	9/1/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93309-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96610-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	9/1/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-97561-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	9/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96069-A1	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	8/14/2020	9/1/2020		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-97107-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.3	70	Non-Catalytic		8/14/2020	9/1/2020		29.5	2.6	54%	70%	2.1	100%	0%	0.0477	0.0032	0.0445
G-88780-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96464-A1	Tulare	Wood-Burning Firebox	Gas Insert					8/16/2020	9/1/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-95324-A1	Merced	Wood-Burning Firebox	Freestanding Certified Wood Stove	0.72	81	Hybrid	TRUE	8/17/2020	9/1/2020		22.7	1.44	7%	81%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97304-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2020	9/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92324-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97466-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/19/2020	9/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94332-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.49	63	Non-Catalytic	FALSE	8/22/2020	9/1/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90781-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/22/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-94802-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/22/2020	9/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95659-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	9/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96461-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2020	9/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93951-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.4	67	Non-Catalytic		7/22/2020	9/9/2020		29.5	2.8	54%	67%	2.1	100%	0%	0.0477	0.0036	0.0441
G-98174-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2020	9/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98179-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2020	9/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97739-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	8/16/2020	9/9/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-98012-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	8/18/2020	9/9/2020		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-97657-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic		8/22/2020	9/9/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-98384-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	8/22/2020	9/9/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-96898-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					7/16/2020	9/10/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-96103-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2020	9/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96145-A1	Fresno	Wood-Burning Firebox	Gas Insert					8/6/2020	9/10/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97223-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2020	9/10/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96218-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2020	9/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96556-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	8/15/2020	9/10/2020		29.5	2.6	54%	70%	2.1	54%	44%	0.0258	0.0020	0.0239
G-98177-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/15/2020	9/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97821-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2020	9/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97418-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2020	9/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-97595-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/19/2020	9/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97094-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/20/2020	9/10/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96869-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2020	9/10/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-95767-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/25/2020	9/10/2020		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-91727-A1	Merced	Open Hearth Fireplace	Gas Insert					8/27/2020	9/10/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97300-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2020	9/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97378-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	8/29/2020	9/10/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-98426-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/29/2020	9/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2019	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92389-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	6/5/2020	9/16/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-90187-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95386-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94894-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/2/2020	9/16/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-94650-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/24/2020	9/16/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97090-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/31/2020	9/16/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-97267-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/3/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97275-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2020	9/16/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96882-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/11/2020	9/16/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-94516-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	9/16/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97600-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96931-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/14/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93858-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	8/17/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97611-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98088-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.79	73	Non-Catalytic		8/19/2020	9/16/2020		29.5	1.58	54%	73%	1.55	100%	0%	0.0352	0.0014	0.0338
G-98014-A1	Fresno	Open Hearth Fireplace	Gas Insert					8/21/2020	9/16/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-96377-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace					8/25/2020	9/16/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-96721-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/26/2020	9/16/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96575-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98382-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98743-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2020	9/16/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98383-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/29/2020	9/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97352-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		9/1/2020	9/16/2020		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-91885-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2020	9/16/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91241-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/2/2020	9/16/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-98287-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2020	9/16/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91599-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/31/2020	9/17/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95741-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	6/18/2020	9/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-92514-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2020	9/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97016-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2020	9/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96989-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2020	9/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95660-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.1	66	Non-Catalytic	FALSE	8/4/2020	9/17/2020		29.5	2.2	54%	66%	2.1	100%	0%	0.0477	0.0029	0.0448
G-92555-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2020	9/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-95970-A1	Kings	Freestanding Non-Certified Wood Stove	Gas Fireplace					8/12/2020	9/17/2020		29.5	0	54%	68%	1.16	100%	0%	0.0263	0.0000	0.0263
G-95089-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2020	9/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98294-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.4	72	Non-Catalytic		8/20/2020	9/17/2020		29.5	2.8	54%	72%	2.1	100%	0%	0.0477	0.0034	0.0443
G-97562-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	0.93	73	Catalytic		8/21/2020	9/17/2020		22.7	1.86	7%	73%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-87269-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2020	9/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97021-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.7	74	Non-Catalytic		8/25/2020	9/17/2020		2.9	3.4	68%	74%	2.09	100%	0%	0.0047	0.0050	-0.0004
G-93261-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	8/27/2020	9/17/2020		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-95887-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/27/2020	9/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98019-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2020	9/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98665-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.8	71	Non-Catalytic		8/27/2020	9/17/2020		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-93266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2020	9/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98188-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2020	9/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-98824-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2020	9/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98742-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2020	9/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96019-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2020	9/17/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-89768-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic		9/2/2020	9/17/2020		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-98399-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2020	9/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98569-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2020	9/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96642-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/3/2020	9/17/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-98334-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	9/5/2020	9/17/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-89195-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2020	9/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97269-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2020	9/18/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-97943-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic	TRUE	8/21/2020	9/18/2020		29.5	4	54%	72%	2.67	68%	32%	0.0409	0.0044	0.0365
G-97883-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/4/2020	9/18/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99012-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/8/2020	9/18/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98671-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2020	9/18/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85589-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95291-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95654-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/8/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93576-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92028-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94206-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99180-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic		9/3/2020	9/21/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-97121-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97431-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98675-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/4/2020	9/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99482-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90114-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2020	9/21/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-96951-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					9/11/2020	9/21/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-98557-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99706-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/16/2020	9/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98076-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/19/2020	9/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99318-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2020	9/24/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-99066-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2020	9/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96441-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2020	9/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96162-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	9/8/2020	9/28/2020		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-94648-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/11/2020	9/28/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97018-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/12/2020	9/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98386-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/29/2020	10/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98402-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2020	10/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99183-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2020	10/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99490-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	9/11/2020	10/5/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-99666-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2020	10/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99509-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/18/2020	10/5/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-99699-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2020	10/5/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91150-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	5/27/2020	10/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97641-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1		73 Non-Catalytic	TRUE	7/27/2020	10/6/2020		29.5	2	54%	73%	1.55	54%	44%	0.0191	0.0011	0.0180
G-95092-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2020	10/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96136-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/5/2020	10/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95230-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/26/2020	10/6/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97791-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2020	10/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98961-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2020	10/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98969-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/10/2020	10/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97585-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic	TRUE	9/11/2020	10/6/2020		22.7	4	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-98871-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2020	10/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98447-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		9/12/2020	10/6/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-99367-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2020	10/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99757-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2020	10/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97514-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	10/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99350-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	10/6/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99014-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic		9/16/2020	10/6/2020		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-91824-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/17/2020	10/6/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-99480-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/17/2020	10/6/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-99788-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/17/2020	10/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98440-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2020	10/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98676-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2020	10/6/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98757-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/18/2020	10/6/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99758-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2020	10/6/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88720-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Insert				FALSE	1/26/2020	10/7/2020		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-88025-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2020	10/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95989-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	8/27/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94804-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	9/9/2020	10/7/2020		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-91404-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2020	10/7/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94668-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/11/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98674-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/12/2020	10/7/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-99763-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/12/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89667-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		76 Hybrid		9/16/2020	10/7/2020		22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-99192-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	10/7/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99497-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97676-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/17/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98744-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/18/2020	10/7/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-98988-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	9/18/2020	10/7/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-99155-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99363-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2020	10/7/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98571-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97321-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2020	10/7/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98182-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					9/22/2020	10/7/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-98666-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	9/22/2020	10/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98293-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	10/7/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-91281-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92904-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/25/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98255-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/25/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98401-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92228-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95984-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2020	10/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99874-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2020	10/7/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94704-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic	FALSE	9/30/2020	10/7/2020		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-97188-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		73 Non-Catalytic	FALSE	9/30/2020	10/7/2020		29.5	4.6	54%	73%	2.61	100%	0%	0.0593	0.0068	0.0524
G-98292-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/1/2020	10/7/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-99364-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2020	10/7/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92272-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	4.4		73 Non-Catalytic		6/18/2020	10/8/2020		22.7	8.8	7%	73%	0.299465	100%	0%	0.0052	0.0002	0.0050
G-98048-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5		79 Non-Catalytic	FALSE	9/8/2020	10/8/2020		29.5	3	54%	79%	1.57	100%	0%	0.0357	0.0025	0.0332
G-94229-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2020	10/8/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91954-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/14/2020	10/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98474-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/22/2020	10/8/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97759-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	10/8/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98817-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	10/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100402-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2020	10/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100488-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2020	10/8/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100312-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.9		72 Non-Catalytic	TRUE	9/30/2020	10/8/2020		22.7	3.8	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-97066-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	10/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99574-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/30/2020	10/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98829-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/9/2020	10/16/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-98870-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99864-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98970-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/26/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93082-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2020	10/16/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99754-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/30/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99026-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	10/16/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99680-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100167-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2020	10/16/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-99423-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2020	10/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96732-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/30/2020	10/20/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92749-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90877-A1	Fresno	Non-Certified Wood Insert	Freestanding Certified Pellet Stove	0.89		72 Non-Catalytic	FALSE	9/1/2020	10/20/2020		29.5	1.78	54%	72%	2.1	100%	0%	0.0477	0.0022	0.0455

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-93982-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100099-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2020	10/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98673-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2020	10/20/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96165-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96092-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91831-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93059-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/5/2020	10/20/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-93584-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100801-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96839-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6		73 Non-Catalytic		10/7/2020	10/20/2020		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-87021-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92591-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/20/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91880-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	10/10/2020	10/20/2020		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-97109-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove					7/28/2020	10/21/2020		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-97203-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2020	10/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97782-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	8/24/2020	10/21/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-96206-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2020	10/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-98599-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	9/14/2020	10/21/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99692-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2020	10/21/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-98825-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2020	10/21/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99481-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2020	10/21/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99759-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99859-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97614-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		9/23/2020	10/21/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-99065-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1		73 Non-Catalytic		9/23/2020	10/21/2020		2.9	2	68%	73%	2.67	100%	0%	0.0060	0.0038	0.0021
G-99752-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100322-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99514-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	9/27/2020	10/21/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-98872-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2020	10/21/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-100299-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98677-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99877-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5		68 Non-Catalytic	TRUE	9/29/2020	10/21/2020		22.7	3	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-99830-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/30/2020	10/21/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-100135-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/1/2020	10/21/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93085-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/1/2020	10/21/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97351-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2020	10/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100221-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2020	10/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97748-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99194-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99927-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2020	10/21/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-93079-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99495-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	10/3/2020	10/21/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-99808-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99269-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	10/6/2020	10/21/2020		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100052-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100489-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2020	10/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99527-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99904-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/6/2020	10/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100177-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100412-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99543-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100341-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100895-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/8/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100973-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98417-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/8/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100689-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/21/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99207-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	10/10/2020	10/21/2020		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-100493-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2020	10/21/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92634-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2020	10/22/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100094-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2020	10/22/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-99542-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2020	10/22/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97440-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	10/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100134-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2020	10/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96459-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	10/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98034-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2020	10/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100523-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	10/27/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90499-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	10/27/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-83376-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/16/2019	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96047-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/20/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96426-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2020	10/28/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96467-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2020	10/28/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-98875-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2020	10/28/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99271-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	9/15/2020	10/28/2020		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-100141-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.3		72 Non-Catalytic		9/24/2020	10/28/2020		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-100218-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100258-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100032-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/3/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90445-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100171-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	10/28/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100454-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100899-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100629-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2020	10/28/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-100900-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101062-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93746-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100630-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/8/2020	10/28/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100490-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-100986-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/28/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101052-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	10/28/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-95835-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101242-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89628-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93106-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100087-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/13/2020	10/28/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-100798-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	10/28/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100820-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101080-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100383-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2020	10/28/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100023-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/16/2020	10/28/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-100492-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2020	10/28/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100681-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99799-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2020	10/28/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101530-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		10/17/2020	10/28/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-101442-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	0.49	63	Non-Catalytic	TRUE	10/18/2020	10/28/2020		22.7	0.98	7%	63%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-94490-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2020	11/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95540-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace				TRUE	9/24/2020	11/2/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-100404-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/5/2020	11/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99771-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	11/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96463-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.3	72	Non-Catalytic		10/6/2020	11/2/2020		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-89951-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	10/7/2020	11/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97613-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	10/7/2020	11/2/2020		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-97738-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	11/2/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98592-A1	Merced	Wood-Burning Firebox	Certified Pellet Insert	0.98	76	Non-Catalytic	TRUE	10/14/2020	11/2/2020		22.7	1.96	7%	76%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101335-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	10/15/2020	11/2/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-99905-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	11/2/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101455-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		10/16/2020	11/2/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-86496-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2020	11/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100237-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2020	11/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91759-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/17/2020	11/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97777-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2020	11/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100696-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/7/2020	11/3/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-100813-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2020	11/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100804-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2020	11/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101367-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	11/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100551-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	10/16/2020	11/3/2020		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-101525-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101526-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	11/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101484-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88764-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2020	11/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91134-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2020	11/4/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88931-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2020	11/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96440-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/28/2020	11/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95340-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic		7/30/2020	11/4/2020		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100219-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2020	11/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94453-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.1	66	Non-Catalytic	FALSE	9/29/2020	11/4/2020		29.5	2.2	54%	66%	2.1	100%	0%	0.0477	0.0029	0.0448
G-100628-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2020	11/4/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100532-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	11/4/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-95865-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2020	11/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99439-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	11/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100414-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	11/4/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-100541-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	10/20/2020	11/4/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-94753-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94965-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98436-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic	FALSE	10/20/2020	11/4/2020		29.5	3.4	54%	72%	1.55	100%	0%	0.0352	0.0030	0.0322
G-100411-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	11/4/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100579-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	11/4/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101749-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	11/4/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98488-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2020	11/4/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-100805-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/4/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100300-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2020	11/5/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/5/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96645-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.6	73	Non-Catalytic		10/22/2020	11/5/2020		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101804-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		10/24/2020	11/5/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-98409-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic	FALSE	10/2/2020	11/9/2020		29.5	5	54%	70%	2.61	100%	0%	0.0593	0.0078	0.0515
G-100409-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4	74	Non-Catalytic		10/9/2020	11/9/2020		29.5	2.8	54%	74%	2.09	100%	0%	0.0475	0.0033	0.0442
G-100752-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.8	60	Non-Catalytic		10/11/2020	11/9/2020		22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-99010-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	79	Non-Catalytic	TRUE	10/13/2020	11/9/2020		29.5	2.8	54%	79%	1.15	61%	38%	0.0159	0.0011	0.0148
G-101243-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101524-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101632-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100491-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/23/2020	11/9/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-101241-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101685-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101791-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-97452-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/9/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-100816-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98296-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	10/27/2020	11/9/2020		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-75851-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2019	11/12/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96737-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2020	11/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98008-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2020	11/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-88357-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/3/2020	11/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	11/12/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98446-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/14/2020	11/12/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100682-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-101095-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/20/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99302-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	10/21/2020	11/12/2020		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101674-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/22/2020	11/12/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-101527-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91799-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99528-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2020	11/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100236-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2020	11/12/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101412-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	FALSE	10/27/2020	11/12/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-100802-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/12/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100891-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/12/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-90498-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/12/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-94742-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	1.6		Non-Catalytic		6/6/2020	11/16/2020		22.7	3.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-99547-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2020	11/17/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100085-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	9/30/2020	11/17/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-93277-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99690-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2020	11/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96354-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99062-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/9/2020	11/17/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97089-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/12/2020	11/17/2020		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-88204-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91513-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95920-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2020	11/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-93484-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.1	70	Non-Catalytic	FALSE	10/16/2020	11/17/2020		22.7	4.2	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-99027-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	10/17/2020	11/17/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-98591-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2020	11/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-99359-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	10/21/2020	11/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100957-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2020	11/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-99513-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100169-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100978-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2020	11/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101079-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-89832-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98400-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98463-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99669-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100093-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101334-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-93784-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101054-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/17/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-95756-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/17/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-101541-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	68			10/29/2020	11/17/2020		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99189-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	1.4	72	Non-Catalytic		10/29/2020	11/17/2020		22.7	2.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-99920-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101098-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2020	11/17/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-93961-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99679-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90878-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.9	81	Catalytic	FALSE	11/2/2020	11/17/2020		29.5	1.8	54%	81%	2.61	100%	0%	0.0593	0.0024	0.0569
G-100626-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2020	11/17/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101889-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8	74	Non-Catalytic		11/3/2020	11/17/2020		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-101773-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94452-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	11/17/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98750-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	11/17/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99288-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90074-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2020	11/19/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99805-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93369-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100066-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100542-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2020	11/19/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102205-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100687-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101449-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2020	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101793-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2020	11/19/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-101861-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2020	11/19/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102043-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2020	11/19/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102277-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49	63		FALSE	11/7/2020	11/19/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100806-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2020	11/19/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-79686-A3	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2019	11/19/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97210-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97765-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96343-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3	70	Non-Catalytic		10/2/2020	11/23/2020		29.5	2.6	54%	70%	2.4	100%	0%	0.0545	0.0037	0.0508
G-99667-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	10/7/2020	11/23/2020		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-96988-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100123-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94626-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99780-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/20/2020	11/23/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100403-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic		10/21/2020	11/23/2020		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-101767-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91867-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	10/22/2020	11/23/2020		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-98459-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101802-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91882-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101025-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.6	78	Non-Catalytic		10/28/2020	11/23/2020		29.5	1.2	54%	78%	2.61	100%	0%	0.0593	0.0017	0.0576
G-99366-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99551-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	11/23/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88311-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101938-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	79	Non-Catalytic	FALSE	10/30/2020	11/23/2020		29.5	2.8	54%	79%	2.09	100%	0%	0.0475	0.0031	0.0444
G-100627-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/30/2020	11/23/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-101314-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/30/2020	11/23/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-91189-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99670-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95941-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97224-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100959-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					11/2/2020	11/23/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102202-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102347-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/2/2020	11/23/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-93941-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100953-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	11/23/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-101244-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101101-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		78 Hybrid	FALSE	11/4/2020	11/23/2020		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100282-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	11/23/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102237-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	11/23/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101404-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.8		60 Non-Catalytic	FALSE	11/5/2020	11/23/2020		22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-101231-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101232-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2020	11/23/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-93167-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99812-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100399-A1	Kings	Open Hearth Fireplace	Gas Insert					11/6/2020	11/23/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102420-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88085-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/6/2020	11/23/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102079-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2020	11/23/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-102419-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91710-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/9/2020	11/23/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91794-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99834-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100057-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100890-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2020	11/23/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101387-A1	Merced	Certified Wood Insert	Gas Insert				FALSE	11/10/2020	11/23/2020		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-101690-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4		72 Non-Catalytic	FALSE	11/11/2020	11/23/2020		29.5	2.8	54%	72%	2.4	100%	0%	0.0545	0.0039	0.0506
G-102326-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	11/23/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101631-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		11/12/2020	11/23/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-91238-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	11/23/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101546-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic	FALSE	11/15/2020	11/23/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-95266-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.49		63 Non-Catalytic	FALSE	11/15/2020	11/23/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86872-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2020	11/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98023-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/3/2020	11/24/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100018-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2020	11/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100365-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/23/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97017-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/26/2020	11/24/2020		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-99703-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101537-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93278-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101753-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2020	11/24/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100826-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/31/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98130-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic	FALSE	11/3/2020	11/24/2020		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-101245-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102200-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98741-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	11/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-98861-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	11/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102517-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102020-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100960-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2020	11/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101840-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102264-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	11/24/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99772-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102085-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2020	11/24/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101097-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic		11/14/2020	11/24/2020		29.5	3.6	54%	71%	2.4	100%	0%	0.0545	0.0051	0.0495
G-102093-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2020	11/24/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100306-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2020	11/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102042-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2020	11/24/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96559-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	9/30/2020	12/1/2020		14.5785	0	68%	68%	2.61	33%	57%	0.0098	0.0000	0.0098
G-96347-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	12/1/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-94064-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2020	12/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101001-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	12/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101456-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2020	12/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101680-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2020	12/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101996-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		11/3/2020	12/1/2020		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102337-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	12/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98081-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/5/2020	12/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100674-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2020	12/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99701-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/6/2020	12/1/2020		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-100289-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		76 Non-Catalytic	TRUE	11/7/2020	12/1/2020		22.7	2.2	7%	76%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101501-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68		11/12/2020	12/1/2020		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-101302-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/1/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101752-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/12/2020	12/1/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102464-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/12/2020	12/1/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100842-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2020	12/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2020	12/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101064-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2020	12/1/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102405-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/1/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101099-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/1/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100254-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/23/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98668-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	10/14/2020	12/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101023-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68 Non-Catalytic		10/21/2020	12/2/2020		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-97183-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	12/2/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99693-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/22/2020	12/2/2020		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-100713-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	10/27/2020	12/2/2020		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-100370-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2020	12/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-99143-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101720-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2020	12/2/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101751-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2020	12/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99705-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2020	12/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98962-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic		11/9/2020	12/2/2020		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101315-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2020	12/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101712-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					11/10/2020	12/2/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-99104-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	12/2/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101045-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	11/12/2020	12/2/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-102398-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/2/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99191-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2020	12/2/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101230-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.7		74 Non-Catalytic	TRUE	11/16/2020	12/2/2020		29.5	3.4	54%	74%	2.1	61%	38%	0.0290	0.0027	0.0264
G-102606-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102749-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2020	12/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99486-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101479-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert					11/17/2020	12/2/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-102534-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2020	12/2/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102569-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102402-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102700-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2020	12/2/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102757-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/2/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102418-A1	Madera	Open Hearth Fireplace	Gas Insert					11/19/2020	12/2/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102410-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.9		72 Non-Catalytic	TRUE	11/20/2020	12/2/2020		22.7	3.8	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-102120-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89560-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2020	12/2/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103046-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	0.49		63 Non-Catalytic		11/22/2020	12/2/2020		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103000-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2020	12/2/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100817-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-85122-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic	FALSE	10/14/2020	12/3/2020		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101825-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2020	12/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102335-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	12/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99052-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92767-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102403-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102407-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2020	12/3/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102204-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102636-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2020	12/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102092-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/18/2020	12/3/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102198-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2020	12/3/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-101676-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102479-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert					11/19/2020	12/3/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-102551-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/3/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103060-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/3/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90707-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	11/24/2020	12/3/2020		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-100415-A1	Madera	Non-Certified Wood Insert	Gas Insert				FALSE	10/21/2020	12/8/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-100242-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	11/9/2020	12/8/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101261-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	12/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102191-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	12/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101321-A1	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	1.7		76 Hybrid		11/16/2020	12/8/2020		22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100238-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2020	12/8/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-100056-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/21/2020	12/8/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100836-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/8/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99548-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2020	12/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-98663-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	12/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92737-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/21/2020	12/9/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100288-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					10/22/2020	12/9/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-102096-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2020	12/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99355-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	12/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100021-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98920-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	12/9/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100784-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96770-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100124-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101630-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102086-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2020	12/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102640-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2020	12/9/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-100373-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/9/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102001-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/20/2020	12/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102767-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103227-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/9/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-83457-A1	Fresno	Non-Certified Wood Insert	Gas Insert					11/21/2020	12/9/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-92632-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	12/9/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93128-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	11/24/2020	12/9/2020		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-99540-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	11/24/2020	12/9/2020		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-94382-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/9/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97389-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/25/2020	12/9/2020		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-102077-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2020	12/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102110-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	12/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100679-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2020	12/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100751-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2020	12/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102295-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2020	12/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101830-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/16/2020	12/10/2020		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-102904-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/10/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-97143-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2020	12/10/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100988-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/23/2020	12/10/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98748-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/10/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103474-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2020	12/10/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94197-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.5		71 Non-Catalytic		5/29/2020	12/14/2020		22.7	3	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100705-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-92604-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99435-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100631-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2020	12/14/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-100998-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2020	12/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90099-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100583-A1	Merced	Non-Certified Wood Insert	Certified Pellet Insert	1.5	68	Non-Catalytic		11/17/2020	12/14/2020		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-101792-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2020	12/14/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102414-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/18/2020	12/14/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102455-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102983-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102249-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic		11/19/2020	12/14/2020		29.5	5	54%	70%	2.61	100%	0%	0.0593	0.0078	0.0515
G-102400-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2020	12/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102752-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	11/19/2020	12/14/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-87618-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/14/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102156-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	11/21/2020	12/14/2020		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-102381-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102825-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/23/2020	12/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95225-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/23/2020	12/14/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103056-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.7	78	Non-Catalytic	TRUE	11/23/2020	12/14/2020		22.7	1.4	7%	78%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102236-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/14/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102877-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102756-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102771-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102818-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102865-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93476-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102864-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102861-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101178-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					11/30/2020	12/14/2020		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-102887-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103151-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/14/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100405-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic	TRUE	12/2/2020	12/14/2020		22.7	3	7%	69%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-100812-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	12/14/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103169-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	12/14/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-94693-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.78	64	Non-Catalytic		6/30/2020	12/15/2020		2.9	1.56	68%	64%	2.1	100%	0%	0.0047	0.0027	0.0020
G-100257-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100121-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Hybrid	FALSE	10/21/2020	12/15/2020		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-98967-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	12/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100634-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99060-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2020	12/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98160-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	11/9/2020	12/15/2020		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-101133-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101416-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101322-A1	Fresno	Open Hearth Fireplace	Freestanding Certified Wood Stove	1.4	74	Non-Catalytic		11/16/2020	12/15/2020		22.7	2.8	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101048-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/15/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101826-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101059-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101675-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/19/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102554-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103021-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90874-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101329-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101876-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/20/2020	12/15/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102527-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102723-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102206-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					11/23/2020	12/15/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-102831-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102513-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102516-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103238-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	11/24/2020	12/15/2020		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-100780-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101458-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102292-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102495-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102741-A1	Fresno	Non-Certified Pellet Insert	Gas Insert					11/28/2020	12/15/2020		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-100231-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90071-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99887-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100823-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101010-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/15/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99764-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92938-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/15/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96915-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/5/2020	12/15/2020		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-97750-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove					12/12/2020	12/15/2020		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-100245-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2020	12/15/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86537-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2019	12/16/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2020	12/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99899-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2020	12/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99199-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic	FALSE	10/22/2020	12/16/2020		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101148-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.5	65	Non-Catalytic		11/4/2020	12/16/2020		2.9	3	68%	65%	1.15	100%	0%	0.0026	0.0028	-0.0002
G-102680-A1	Tulare	Wood-Burning Firebox	Certified Pellet Insert	1.5	65	Non-Catalytic	FALSE	11/16/2020	12/16/2020		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102832-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2020	12/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102763-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2020	12/16/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102459-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	11/20/2020	12/16/2020		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-101002-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	12/16/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101144-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2020	12/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101226-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2020	12/16/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103453-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	12/16/2020		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102766-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	11/24/2020	12/16/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-102244-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	0.7	78	Non-Catalytic	TRUE	11/25/2020	12/16/2020		2.9	1.4	68%	78%	2.1	61%	38%	0.0029	0.0013	0.0015

																Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate							EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-102368-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103140-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102803-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103519-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic	TRUE	11/30/2020	12/16/2020							22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102835-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103112-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103141-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103654-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/16/2020							22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-92114-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic		12/1/2020	12/16/2020							22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100905-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.89	70	Non-Catalytic	FALSE	12/2/2020	12/16/2020							29.5	1.78	54%	70%	2.1	100%	0%	0.0477	0.0022	0.0455
G-97615-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		12/2/2020	12/16/2020							22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102828-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102884-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/16/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103134-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103584-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/16/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96936-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/16/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102451-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2020	12/16/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103622-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	12/16/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-85590-A2	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/20/2020	12/16/2020							22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97467-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/12/2020	12/17/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100230-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95505-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100401-A1	Kings	Non-Certified Wood Insert	Gas Insert					11/10/2020	12/17/2020							29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-99506-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/17/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102574-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/19/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102870-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102855-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.8	74	Non-Catalytic	TRUE	11/23/2020	12/17/2020							29.5	3.6	54%	74%	2.1	68%	32%	0.0322	0.0031	0.0291
G-103451-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1	66	Non-Catalytic	TRUE	11/23/2020	12/17/2020							22.7	2.2	7%	66%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102318-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102353-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2020	12/17/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101810-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/17/2020							22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102570-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/17/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102641-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	12/17/2020							22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100717-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic	FALSE	12/1/2020	12/17/2020							22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102114-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/1/2020	12/17/2020							29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-103138-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102642-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102823-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102102-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102830-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92631-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	12/17/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100029-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	65	Non-Catalytic		12/4/2020	12/17/2020							29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-102130-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/17/2020							22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102327-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2020	12/17/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101870-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102094-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/17/2020							22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103307-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	65	Non-Catalytic		12/7/2020	12/17/2020							29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-101725-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103919-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	12/17/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94625-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/24/2020	12/21/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99184-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/20/2020	12/21/2020							29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-101451-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	12/21/2020							22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101369-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2020	12/21/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96465-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2020	12/21/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103014-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	12/21/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100166-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/21/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103620-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	12/21/2020							22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103162-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2020	12/21/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103049-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2020	12/21/2020							29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-103255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2020	12/21/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102350-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102351-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96074-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/17/2020	12/22/2020							22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103006-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102491-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102324-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	12/3/2020	12/22/2020							22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102504-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101948-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	12/22/2020							22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103605-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99777-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103575-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102853-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	12/22/2020							22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-103050-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103300-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93955-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94510-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103905-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	12/10/2020	12/22/2020							22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-102106-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	12/22/2020							22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103166-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104011-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89379-A1	Tulare	Open Hearth Fireplace	Freestanding Certified Wood Stove	3.2	74	Non-Catalytic	TRUE	12/11/2020	12/22/2020							22.7	6.4	7%	74%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-102591-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/12/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101324-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	12/22/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102868-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101601-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	12/22/2020							22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87919-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2020	12/29/2020							22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-97592-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	12/29/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88691-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101756-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2020	12/29/2020		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102433-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100758-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102080-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	12/29/2020		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103598-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	12/29/2020		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102661-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	12/29/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104225-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	12/29/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104519-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103471-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	12/29/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100410-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103476-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-76278-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		70 Non-Catalytic	FALSE	12/21/2020	12/29/2020		29.5	2.6	54%	70%	2.61	100%	0%	0.0593	0.0040	0.0553
G-104390-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2020	12/29/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99700-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93324-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	10/4/2020	12/30/2020		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-100340-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102109-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2020	12/30/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101995-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/20/2020	12/30/2020		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
G-101611-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	2		72 Non-Catalytic	TRUE	11/24/2020	12/30/2020		2.9	4	68%	72%	1.15	61%	38%	0.0016	0.0022	-0.0006
G-102924-A1	Madera	Non-Certified Wood Insert	Gas Insert				FALSE	11/24/2020	12/30/2020		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-102982-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101769-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102772-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103450-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic	FALSE	11/30/2020	12/30/2020		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102900-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100821-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102015-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103395-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/30/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103971-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102901-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88013-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103590-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	12/30/2020		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-97556-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89802-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	12/30/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92474-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/11/2020	12/30/2020		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-102714-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102899-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2020	12/30/2020		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103324-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	12/30/2020		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103880-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	12/30/2020		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92448-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		76 Non-Catalytic		9/17/2020	1/5/2021		2.9	2.2	68%	76%	2.1	100%	0%	0.0047	0.0032	0.0015
G-101094-A1	Fresno	Non-Certified Wood Insert	Gas Insert					10/23/2020	1/5/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-93977-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101924-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102250-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102240-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/18/2020	1/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97235-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102743-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102906-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102755-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2020	1/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102973-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/27/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99702-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.1		76 Non-Catalytic		11/30/2020	1/5/2021		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-102577-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2020	1/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103310-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/2/2020	1/5/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103699-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101786-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102333-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103428-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104035-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		12/5/2020	1/5/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-101480-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	12/7/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100889-A1	Tulare	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/8/2020	1/5/2021		14.5785	0	68%	68%	2.4	53%	43%	0.0144	0.0000	0.0144
G-103597-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/5/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103899-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92688-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102744-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103676-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103777-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103787-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103981-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102112-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104116-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/10/2020	1/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102113-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102634-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/11/2020	1/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104106-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2020	1/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101460-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103067-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102663-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic		12/14/2020	1/5/2021		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102452-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103830-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103813-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	12/14/2020	1/5/2021		22.7	4.6	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-95685-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101797-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101989-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103426-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104009-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	1/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89177-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic	FALSE	12/15/2020	1/5/2021		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-103580-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.9		72 Non-Catalytic	TRUE	12/16/2020	1/5/2021		22.7	3.8	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-103033-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/5/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-102738-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103570-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103791-A1	Kern	Wood-Burning Firebox	Gas Insert					12/18/2020	1/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102695-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2020	1/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104111-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104327-A1	Merced	Wood-Burning Firebox	Gas Insert					12/22/2020	1/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-94960-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/8/2020	1/6/2021		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-92955-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100256-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95129-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101528-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102518-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102822-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101179-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/3/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102599-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102712-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102297-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	1/6/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95120-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103517-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.8		71 Non-Catalytic	TRUE	12/4/2020	1/6/2021		22.7	3.6	7%	71%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103101-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103309-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94907-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100100-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/6/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102366-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103700-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89212-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100486-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/6/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103313-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103671-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104243-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101722-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	12/11/2020	1/6/2021		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102768-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98187-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.3		71 Non-Catalytic		12/11/2020	1/6/2021		29.5	2.6	54%	71%	2.1	100%	0%	0.0477	0.0032	0.0445
G-102454-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/12/2020	1/6/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-101240-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103440-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104134-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		12/14/2020	1/6/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103572-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/6/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-98956-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100580-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	12/16/2020	1/6/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102940-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/16/2020	1/6/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103825-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104518-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104516-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94486-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103934-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104127-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104320-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/18/2020	1/6/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102307-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2020	1/6/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102686-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2020	1/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104171-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	12/22/2020	1/6/2021		22.7	4.6	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-88015-A2	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		70 Non-Catalytic	TRUE	12/9/2020	1/6/2021		22.7	2.2	7%	70%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102671-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102948-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99890-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102984-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103061-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102827-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103550-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101441-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/8/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103320-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103513-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104513-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99071-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103548-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95596-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	1/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103042-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92038-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101818-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102751-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102128-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103664-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103669-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102754-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	1/8/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101943-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103161-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2020	1/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100620-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	1/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100377-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2020	1/11/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102358-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2020	1/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102995-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2020	1/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100382-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/1/2020	1/11/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100768-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	12/1/2020	1/11/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102462-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	1/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102111-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2020	1/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102990-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2020	1/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102812-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/11/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103430-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102088-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic		12/6/2020	1/11/2021		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102564-A1	Kern	Wood-Burning Firebox	Gas Insert					12/7/2020	1/11/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate			EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-102981-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/11/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103767-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98087-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102762-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2020	1/11/2021			22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103503-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/9/2020	1/11/2021			29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-104014-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104015-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101603-A1	Tulare	Non-Certified Pellet Insert	Gas Insert					12/10/2020	1/11/2021			2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-104037-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2020	1/11/2021			29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-103557-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102314-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2020	1/11/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102157-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	12/15/2020	1/11/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103243-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103460-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	1/11/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102108-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/11/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104466-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102563-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2020	1/11/2021			29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-102819-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103359-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2020	1/11/2021			22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103670-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103754-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103872-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2020	1/11/2021			29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-102371-A1	Tulare	Non-Certified Wood Insert	Gas Insert				FALSE	12/18/2020	1/11/2021			29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-102445-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103785-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102440-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102708-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102776-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103164-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/19/2020	1/11/2021			29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-103946-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89582-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92787-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/19/2020	1/11/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104098-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103629-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2020	1/11/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103918-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103965-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2020	1/11/2021			22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103966-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/21/2020	1/11/2021			2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-100482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102238-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/22/2020	1/11/2021			29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-103357-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103687-A1	Kern	Wood-Burning Firebox	Gas Insert					12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103786-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104335-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95754-A1	Merced	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2020	1/11/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100822-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103547-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103877-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104541-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102798-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/24/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103910-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104013-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103839-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90401-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102980-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/11/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102994-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103137-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103458-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/11/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103589-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/29/2020	1/11/2021			29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-104122-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/11/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102935-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104395-A1	Tulare	Certified Pellet Insert	Gas Insert				TRUE	12/30/2020	1/11/2021			2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-101888-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic	TRUE	12/31/2020	1/11/2021			22.7	2.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100808-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/8/2020	1/12/2021			29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-100686-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		Non-Catalytic		10/14/2020	1/12/2021			22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100834-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/4/2020	1/12/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-99683-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	1/12/2021			22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102891-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100406-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102562-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2020	1/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103406-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	1/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103459-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	1/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101663-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2		72 Non-Catalytic		12/2/2020	1/12/2021			22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102083-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101306-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/3/2020	1/12/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-101068-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2020	1/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103665-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101994-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102544-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103062-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	1/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103673-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	1/12/2021			22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103103-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	12/8/2020	1/12/2021			22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102087-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	1/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102824-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/10/2020	1/12/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102116-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/12/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103552-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104081-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/12/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-97191-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic	FALSE	12/11/2020	1/12/2021			29.5	2.8	54%	74%	2.61	100%	0%	0.0593	0.0041	0.0552
G-103311-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2020	1/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103327-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103696-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2020	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88198-A1	Merced	Open Hearth Fireplace	Gas Insert				FALSE	12/12/2020	1/12/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102383-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic		12/14/2020	1/12/2021		29.5	4	54%	72%	2.09	100%	0%	0.0475	0.0048	0.0426
G-103576-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103582-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2020	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102833-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98831-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103287-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103740-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103692-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103731-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/12/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103737-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103254-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104399-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103593-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103924-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	1/12/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103962-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100303-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	12/22/2020	1/12/2021		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-103229-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2020	1/12/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103452-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2	72	Non-Catalytic	TRUE	12/23/2020	1/12/2021		22.7	2.4	7%	72%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-93836-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102760-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	12/24/2020	1/12/2021		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-103571-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103821-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103530-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Insert				TRUE	12/26/2020	1/12/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-103635-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104148-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2020	1/12/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102821-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.72	81	Hybrid		12/28/2020	1/12/2021		22.7	1.44	7%	81%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104074-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105125-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2020	1/12/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103456-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2020	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105005-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104220-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		12/29/2020	1/12/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-103027-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103524-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103663-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/30/2020	1/12/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104227-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2020	1/12/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103930-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104542-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2021	1/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103963-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic	FALSE	1/3/2021	1/12/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103544-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic	FALSE	1/4/2021	1/12/2021		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102084-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/4/2021	1/12/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-102427-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	1/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102697-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	1/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-96979-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	65	Non-Catalytic	FALSE	9/11/2020	1/20/2021		29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-100779-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/13/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103002-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	1/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98288-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	71	Non-Catalytic		12/4/2020	1/20/2021		29.5	3	54%	71%	2.4	100%	0%	0.0545	0.0042	0.0503
G-101688-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/5/2020	1/20/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-98766-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102921-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102956-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103335-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102923-A1	Tulare	Wood-Burning Firebox	Gas Insert					12/17/2020	1/20/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102943-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1	66	Non-Catalytic	TRUE	12/18/2020	1/20/2021		22.7	2.2	7%	66%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103115-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104283-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103270-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	12/21/2020	1/20/2021		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-102988-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1	66	Non-Catalytic		12/23/2020	1/20/2021		22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104680-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2020	1/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104324-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103574-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104380-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102764-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102848-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2021	1/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104379-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2021	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104386-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/2/2021	1/20/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102957-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	1/20/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	1/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-81069-A1	Tulare	Open Hearth Fireplace	Gas Insert					8/7/2019	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104249-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104857-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87566-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					7/1/2020	1/21/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-92739-A1	Tulare	Open Hearth Fireplace	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic	FALSE	8/27/2020	1/21/2021		22.7	3.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-89529-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/20/2020	1/21/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-101789-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic	FALSE	10/26/2020	1/21/2021		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-98966-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic		11/7/2020	1/21/2021		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-100576-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	11/17/2020	1/21/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-101795-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100261-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/25/2020	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102862-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/1/2020	1/21/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-103242-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99878-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103308-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96741-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101923-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101291-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103756-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/16/2020	1/21/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-102975-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/17/2020	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102843-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101011-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103264-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103758-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	12/21/2020	1/21/2021		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-103841-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/21/2020	1/21/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103866-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104238-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102538-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102815-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103467-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104236-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104498-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8		73 Catalytic	FALSE	12/23/2020	1/21/2021		22.7	3.6	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103789-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/24/2020	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104872-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.7		78 Non-Catalytic	TRUE	12/26/2020	1/21/2021		29.5	1.4	54%	78%	1.55	54%	44%	0.0191	0.0007	0.0184
G-94901-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/27/2020	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103829-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102978-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103563-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101839-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.7		74 Non-Catalytic		12/30/2020	1/21/2021		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-103698-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103864-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2020	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103928-A1	Tulare	Non-Certified Wood Insert	Gas Insert					12/30/2020	1/21/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-104985-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	1/21/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-84843-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	12/30/2020	1/21/2021		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102360-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103909-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104730-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104603-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104734-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101734-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104517-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/5/2021	1/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104607-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104860-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101683-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104226-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	1/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104398-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2021	1/21/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-104365-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	1/8/2021	1/21/2021		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-104622-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/8/2021	1/21/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102078-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103686-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	1/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105084-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105227-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105680-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2021	1/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101463-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2020	1/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100064-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/2/2020	1/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102889-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	11/21/2020	1/22/2021		29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-102090-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	1/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103523-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2020	1/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102567-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic		12/12/2020	1/22/2021		29.5	3	54%	71%	2.61	100%	0%	0.0593	0.0046	0.0547
G-104844-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2020	1/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105168-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	1/22/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102750-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	1/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102846-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2021	1/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103577-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2021	1/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104624-A1	Kings	Non-Certified Wood Insert	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	1/9/2021	1/22/2021		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-105722-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.3		Non-Catalytic	TRUE	1/9/2021	1/22/2021		22.7	2.6	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102970-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/11/2021	1/22/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-104000-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	1/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101354-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2		72 Non-Catalytic	FALSE	1/12/2021	1/22/2021		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-104826-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2021	1/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104631-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5		65 Non-Catalytic	FALSE	1/13/2021	1/22/2021		29.5	3	54%	65%	2.09	100%	0%	0.0475	0.0040	0.0435
G-104601-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	1/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104837-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	1/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-99707-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic	FALSE	12/8/2020	1/26/2021		29.5	2.8	54%	74%	2.61	100%	0%	0.0593	0.0041	0.0552
G-104539-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2020	2/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104907-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2021	2/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102987-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	2/1/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103040-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104034-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		1/8/2021	2/1/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-105049-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2021	2/1/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104817-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/12/2021	2/1/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103674-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104846-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2021	2/1/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106263-A1	Tulare	Wood-Burning Firebox	Gas Insert					1/15/2021	2/1/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105922-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	1/20/2021	2/1/2021		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-95051-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	2.4		Non-Catalytic	TRUE	5/14/2020	2/2/2021		22.7	4.8	7%	68%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-92371-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100110-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/22/2020	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92068-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103326-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2020	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101867-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97651-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99067-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	12/4/2020	2/2/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-103766-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-102566-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100833-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					12/19/2020	2/2/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103672-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103675-A1	Fresno	Non-Certified Wood Insert	Gas Insert					12/22/2020	2/2/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-104251-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103761-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	2/2/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-99694-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9		78 Hybrid	FALSE	12/29/2020	2/2/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102955-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103583-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88694-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104816-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		60 Non-Catalytic	FALSE	12/31/2020	2/2/2021		2.9	3.6	68%	60%	2.09	100%	0%	0.0047	0.0066	-0.0019
G-102682-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104337-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/4/2021	2/2/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103463-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic	FALSE	1/5/2021	2/2/2021		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104662-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104673-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84609-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102416-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2021	2/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103258-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103623-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2021	2/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104006-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103911-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		1/6/2021	2/2/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102773-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103585-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102408-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.3		72 Non-Catalytic		1/8/2021	2/2/2021		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-103360-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1		70 Non-Catalytic		1/8/2021	2/2/2021		29.5	4.2	54%	70%	2.09	100%	0%	0.0475	0.0052	0.0423
G-102705-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	2/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104989-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	2/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105775-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		72 Non-Catalytic	FALSE	1/8/2021	2/2/2021		29.5	4.6	54%	72%	1.15	100%	0%	0.0261	0.0031	0.0231
G-103932-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/9/2021	2/2/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103959-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/9/2021	2/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104659-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/2/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105046-A1	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	1/9/2021	2/2/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105518-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/2/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103121-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105032-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105116-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105174-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105215-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103867-A1	Stanislaus	Wood-Burning Firebox	Certified Pellet Insert	0.74		76 Non-Catalytic	TRUE	1/12/2021	2/2/2021		22.7	1.48	7%	76%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105083-A1	Fresno	Wood-burning firebox	Gas Insert				TRUE	1/12/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-98955-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic		1/12/2021	2/2/2021		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-101798-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	0.93		73 Catalytic	FALSE	1/13/2021	2/2/2021		29.5	1.86	54%	73%	2.1	100%	0%	0.0477	0.0022	0.0455
G-103644-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97786-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103236-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2021	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103596-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-97746-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		73 Non-Catalytic		1/15/2021	2/2/2021		29.5	4.6	54%	73%	2.61	100%	0%	0.0593	0.0068	0.0524
G-100555-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2021	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102769-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2021	2/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102979-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/18/2021	2/2/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-105889-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/2/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-91726-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/19/2021	2/2/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-104815-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101678-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	2/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-85579-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2020	2/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99036-A1	Tulare	Non-Certified Wood Insert	Gas Insert				FALSE	10/13/2020	2/3/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-99671-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	10/21/2020	2/3/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102095-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2020	2/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99503-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	11/30/2020	2/3/2021		22.7	3	7%	69%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-103837-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2020	2/3/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-95446-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2020	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103560-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2020	2/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103810-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/2/2021	2/3/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103125-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103677-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2021	2/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104181-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105003-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103035-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2021	2/3/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105124-A1	Tulare	Non-Certified Wood Insert	Gas Insert					1/7/2021	2/3/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-104675-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/3/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-105104-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	1/9/2021	2/3/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102484-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/3/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101540-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/12/2021	2/3/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-104641-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2021	2/3/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102765-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102875-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/3/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103807-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/3/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103831-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105805-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106036-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89183-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	4.2		Non-Catalytic		8/13/2020	2/8/2021		2.9	8.4	68%	68%	2.09	100%	0%	0.0047	0.0135	-0.0089
G-103516-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic	FALSE	1/6/2021	2/8/2021		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104082-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	2/8/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105966-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-105614-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92073-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101608-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2020	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99432-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	11/18/2020	2/9/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-100810-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2020	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103657-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2020	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103455-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102758-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.6	78	Non-Catalytic	FALSE	12/3/2020	2/9/2021		29.5	1.2	54%	78%	2.09	100%	0%	0.0475	0.0013	0.0461
G-103446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2020	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101517-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102309-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2020	2/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-101008-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102679-A1	Kings	Open Hearth Fireplace	Gas Insert				FALSE	12/23/2020	2/9/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104120-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2020	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103801-A1	Madera	Non-Certified Pellet Insert	Gas Insert				TRUE	12/30/2020	2/9/2021		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-103876-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104929-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic	TRUE	12/30/2020	2/9/2021		29.5	4.6	54%	72%	2.67	68%	32%	0.0409	0.0051	0.0358
G-103826-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/1/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96828-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101883-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	1/4/2021	2/9/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-103144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103833-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104389-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103159-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic		1/7/2021	2/9/2021		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-104318-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96306-A1	Stanislaus	Open Hearth Fireplace	Freestanding Gas Stove				TRUE	1/7/2021	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103591-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2021	2/9/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-103842-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2021	2/9/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-105078-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104231-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic	TRUE	1/9/2021	2/9/2021		22.7	3	7%	69%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-101957-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104514-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2021	2/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104545-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97354-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/12/2021	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103413-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104242-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105955-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic	TRUE	1/13/2021	2/9/2021		22.7	1.56	7%	64%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104800-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105490-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104239-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97730-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104204-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104756-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105487-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105913-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/18/2021	2/9/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-101605-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103843-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104807-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100954-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic	TRUE	1/20/2021	2/9/2021		22.7	3	7%	65%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-102888-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103579-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104150-A1	Tulare	Non-Certified Wood Insert	Gas Insert					1/20/2021	2/9/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-106204-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101800-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102849-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103094-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103733-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-97743-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103638-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/22/2021	2/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105035-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94239-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104646-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105547-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105877-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103052-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105870-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103037-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104163-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104332-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105609-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104091-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2021	2/9/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97823-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/26/2020	2/10/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-96765-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2020	2/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101366-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2020	2/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102730-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/25/2020	2/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102133-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic		12/4/2020	2/10/2021		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102690-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103850-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100646-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104003-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/16/2021	2/10/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102953-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104588-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/22/2021	2/10/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104794-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/22/2021	2/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105277-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/10/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104005-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2021	2/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102415-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2021	2/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-104250-A1	Kings	Open Hearth Fireplace	Gas Insert					1/27/2021	2/10/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100485-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/2/2020	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101111-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101794-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	2/11/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103491-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	TRUE	12/9/2020	2/11/2021		22.7	3.4	7%	74%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101701-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/17/2020	2/11/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103139-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2020	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103297-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/2/2021	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102233-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/5/2021	2/11/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-100830-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace					1/7/2021	2/11/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103660-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103736-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	2/11/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105370-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic	FALSE	1/12/2021	2/11/2021		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105341-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/15/2021	2/11/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103747-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104363-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106240-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88603-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/20/2021	2/11/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-103502-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105340-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106295-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic	TRUE	1/22/2021	2/11/2021		22.7	1.56	7%	64%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106379-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.1	68	Non-Catalytic	TRUE	1/23/2021	2/11/2021		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106486-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.2	72	Non-Catalytic	TRUE	1/23/2021	2/11/2021		22.7	2.4	7%	72%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105956-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93358-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2021	2/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95678-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/11/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103587-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	1/28/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102817-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90307-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	12/11/2020	2/16/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104416-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.3	72	Non-Catalytic	TRUE	12/14/2020	2/16/2021		22.7	2.6	7%	72%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-99678-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2020	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103551-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103039-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2020	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103998-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/1/2021	2/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104108-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	2/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105102-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	1/8/2021	2/16/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-103809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104727-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104114-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	1/13/2021	2/16/2021		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-104582-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104757-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103732-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104758-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104754-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	2/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104957-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2021	2/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104546-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104262-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic	FALSE	1/19/2021	2/16/2021		29.5	4	54%	72%	2.67	100%	0%	0.0606	0.0062	0.0545
G-103506-A1	Kings	Open Hearth Fireplace	Gas Insert				FALSE	1/19/2021	2/16/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105345-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105897-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/19/2021	2/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104586-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105028-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2021	2/16/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103852-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105381-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104378-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/22/2021	2/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104625-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106429-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105011-A1	Fresno	Wood-Burning Firebox	Gas Insert					1/27/2021	2/16/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102115-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.89	70	Non-Catalytic	FALSE	1/28/2021	2/16/2021		2.9	1.78	68%	70%	1.57	100%	0%	0.0035	0.0021	0.0014
G-103679-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103832-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2021	2/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103797-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2021	2/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105804-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	2/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103123-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/1/2021	2/16/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-104750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104115-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94071-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2020	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104199-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2020	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104168-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2020	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91428-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2020	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105355-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic	FALSE	1/4/2021	2/17/2021		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104669-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/5/2021	2/17/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-104665-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/6/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102992-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105029-A1	Merced	Open Hearth Fireplace	Gas Insert					1/10/2021	2/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105383-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104829-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic	TRUE	1/15/2021	2/17/2021		22.7	1.56	7%	64%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105325-A1	Tulare	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic	FALSE	1/16/2021	2/17/2021		2.9	3	68%	69%	2.4	100%	0%	0.0054	0.0055	-0.0001
G-104851-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/18/2021	2/17/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-105031-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105831-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-87686-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/19/2021	2/17/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-103592-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106199-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104973-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-106012-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2021	2/17/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104772-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105240-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105823-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					1/23/2021	2/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-90240-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105343-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/25/2021	2/17/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-105629-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-82323-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	1/25/2021	2/17/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-103625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103958-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/26/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105826-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105915-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104923-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103781-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104228-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104879-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106217-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/28/2021	2/17/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-105039-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2021	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103693-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	2/17/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104729-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104875-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2021	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105426-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	2/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105651-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2021	2/17/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106053-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2021	2/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102656-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	5		72 Non-Catalytic		2/2/2021	2/17/2021		2.9	10	68%	72%	2.09	100%	0%	0.0047	0.0152	-0.0105
G-103879-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106366-A1	Madera	Non-Certified Pellet Insert	Gas Insert				TRUE	2/2/2021	2/17/2021		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-106849-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.9		72 Non-Catalytic	TRUE	2/4/2021	2/17/2021		29.5	3.8	54%	72%	2.1	54%	44%	0.0258	0.0028	0.0231
G-106296-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2021	2/17/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-87814-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2021	2/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106858-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic	FALSE	2/6/2021	2/17/2021		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2020	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103053-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2020	2/19/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103757-A1	Kern	Non-Certified Pellet Insert	Gas Insert					1/4/2021	2/19/2021		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-104247-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104230-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104427-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/8/2021	2/19/2021		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-104050-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105212-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89465-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104130-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105786-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93117-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103092-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105592-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103759-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/15/2021	2/19/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-104169-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104585-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99704-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97306-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104731-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105461-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104019-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/20/2021	2/19/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103771-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103886-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104499-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/19/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-102746-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105912-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103529-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105160-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103739-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106118-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106203-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103984-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102974-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104692-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104602-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104803-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	2/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105271-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	2/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102354-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/30/2020	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103561-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97941-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/10/2020	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87776-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	2/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102753-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	2/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103412-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2020	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103553-A1	Kern	Non-Certified Wood Insert	Gas Insert				FALSE	12/23/2020	2/22/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-103793-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105484-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104674-A1	Madera	Open Hearth Fireplace	Gas Insert					1/14/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103114-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103792-A1	Kern	Wood-Burning Firebox	Gas Insert					1/20/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104854-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102514-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103749-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	2/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106200-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/22/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105166-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103534-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	2/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104984-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					1/26/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104002-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104992-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105123-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2021	2/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102972-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105176-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104017-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/29/2021	2/22/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-106013-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106047-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106375-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	1/29/2021	2/22/2021		29.5	3	54%	69%	2.1	54%	44%	0.0258	0.0023	0.0235
G-103515-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	1/30/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-100800-A1	Stanislaus	Certified Pellet Insert	Gas Fireplace				TRUE	2/1/2021	2/22/2021		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-105709-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105845-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106474-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96641-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103334-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	2/2/2021	2/22/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-103525-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/2/2021	2/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105867-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106439-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106481-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105088-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105952-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90526-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106413-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		2/3/2021	2/22/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-105925-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		2/4/2021	2/22/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-103882-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104553-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104760-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106117-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106239-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104866-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105358-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/5/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106266-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/5/2021	2/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106078-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	2/8/2021	2/22/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-104904-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2021	2/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104234-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2021	2/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-95936-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	3.5		Non-Catalytic	TRUE	8/3/2020	2/23/2021		29.5	7	54%	68%	1.55	54%	44%	0.0191	0.0040	0.0151
G-99677-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2020	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102985-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2020	2/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103400-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7		73 Non-Catalytic		12/18/2020	2/23/2021		29.5	3.4	54%	73%	2.1	100%	0%	0.0477	0.0041	0.0436
G-103814-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2020	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105624-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105027-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104188-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/13/2021	2/23/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-102977-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	2/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104079-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103794-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103522-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103840-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104258-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					1/26/2021	2/23/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106151-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/28/2021	2/23/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-103941-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	2/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104008-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104004-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104880-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	2/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105752-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/1/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106337-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	2/1/2021	2/23/2021		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-101875-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic		2/3/2021	2/23/2021		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103806-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104732-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104110-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104170-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104740-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104939-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105180-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96574-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103163-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92946-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101170-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102683-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102559-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/10/2021	2/23/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-104154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104197-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	2/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91937-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2020	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99181-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2020	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101049-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1		70 Non-Catalytic		12/9/2020	2/24/2021		29.5	4.2	54%	70%	1.15	100%	0%	0.0261	0.0029	0.0233
G-104245-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2020	2/24/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103549-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93751-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105644-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104400-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2021	2/24/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103779-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	2/24/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103594-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	2/24/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103305-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2021	2/24/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-100685-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic		1/30/2021	2/24/2021		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-95063-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104381-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/6/2021	2/24/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-104698-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106405-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/24/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106415-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	2/24/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102726-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102944-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2021	2/24/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103047-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102632-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102770-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	2/10/2021	2/24/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-103933-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104530-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105882-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	2/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96723-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	0.93	73	Catalytic	FALSE	2/10/2021	2/24/2021		29.5	1.86	54%	73%	2.1	100%	0%	0.0477	0.0022	0.0455
G-104105-A1	Kern	Wood-Burning Firebox	Gas Insert					2/12/2021	2/24/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103897-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2021	2/24/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103595-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	3/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102851-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2021	3/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105780-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2021	3/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105929-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	3/1/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104969-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2021	3/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104254-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Hybrid		2/9/2021	3/1/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104253-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106739-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2021	3/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107065-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.4	72	Non-Catalytic	TRUE	2/13/2021	3/1/2021		22.7	4.8	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-106561-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/16/2021	3/1/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-97266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2020	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104990-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2021	3/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103051-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102341-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	3/3/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-104811-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103568-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.78	64	Non-Catalytic		1/29/2021	3/3/2021		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104970-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2021	3/3/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106473-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106201-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2021	3/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106039-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2021	3/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106640-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107037-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103403-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107351-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106696-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic		2/11/2021	3/3/2021		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105843-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106406-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106774-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/3/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106827-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106899-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/12/2021	3/3/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106098-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2021	3/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-87264-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95591-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2020	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-99015-A1	Tulare	Wood-Burning Firebox	Freestanding Certified Wood Stove	2	72	Non-Catalytic		11/17/2020	3/4/2021		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-88992-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2020	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103943-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2020	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-93934-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103883-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/21/2020	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102775-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/28/2020	3/4/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-102384-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103738-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/5/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102729-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103878-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103891-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.1	70	Non-Catalytic	TRUE	1/24/2021	3/4/2021		22.7	4.2	7%	70%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-102565-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	3/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106019-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104007-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	1/30/2021	3/4/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-101154-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	3/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105554-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/2/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106562-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/2/2021	3/4/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-104044-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104235-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105480-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105811-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/4/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100530-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106046-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102949-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	77	Non-Catalytic	FALSE	2/8/2021	3/4/2021		29.5	3	54%	77%	2.61	100%	0%	0.0593	0.0042	0.0551
G-103231-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106202-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					2/8/2021	3/4/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103031-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104681-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105089-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105926-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic		2/9/2021	3/4/2021		29.5	3.4	54%	72%	2.4	100%	0%	0.0545	0.0047	0.0498
G-102448-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/4/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105264-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106245-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106558-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.1	79	Hybrid	FALSE	2/10/2021	3/4/2021		22.7	2.2	7%	79%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104583-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.3	72	Non-Catalytic	FALSE	2/11/2021	3/4/2021		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-107181-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102091-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104157-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	2/12/2021	3/4/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-104677-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105590-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106614-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107070-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105872-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104071-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	77	Non-Catalytic	FALSE	2/15/2021	3/4/2021		29.5	3	54%	77%	1.15	100%	0%	0.0261	0.0019	0.0243
G-107421-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/15/2021	3/4/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-104165-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/16/2021	3/4/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104504-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106933-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107162-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102991-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103637-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/4/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105819-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/17/2021	3/4/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-106683-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106900-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/17/2021	3/4/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-106923-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105047-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105959-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107136-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/18/2021	3/4/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106114-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/4/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101713-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2020	3/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102600-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.8	60	Non-Catalytic	FALSE	12/22/2020	3/5/2021		29.5	3.6	54%	60%	2.1	100%	0%	0.0477	0.0052	0.0425
G-106575-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2021	3/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104991-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2021	3/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105038-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2021	3/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104762-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103643-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2021	3/5/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106550-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2021	3/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104369-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106185-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105048-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102450-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2020	3/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	3/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105360-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2021	3/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105520-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103417-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2020	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100487-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/21/2020	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103555-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2020	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103621-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	3/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104394-A1	Kings	Open Hearth Fireplace	Gas Insert					1/7/2021	3/9/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-99195-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104043-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/15/2021	3/9/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-104587-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104608-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103045-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103817-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2021	3/9/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105548-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2021	3/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102605-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103578-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104155-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103874-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2021	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104649-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107077-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107168-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104595-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2021	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104668-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2021	3/9/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90926-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2021	3/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106472-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2021	3/9/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106725-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2021	3/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105371-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106597-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106915-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102962-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104092-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/17/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104377-A1	Kings	Open Hearth Fireplace	Gas Insert					2/17/2021	3/9/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107377-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/9/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-105409-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105701-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	2/19/2021	3/9/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-106264-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					2/19/2021	3/9/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107232-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.3	72	Non-Catalytic		2/20/2021	3/9/2021		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-97185-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2021	3/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89987-A1	Madera	Non-Certified Pellet Insert	Freestanding Certified Pellet Stove	0.95	77	Non-Catalytic	FALSE	2/26/2021	3/9/2021		2.9	1.9	68%	77%	2.1	100%	0%	0.0047	0.0027	0.0020
G-104401-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107388-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2021	3/9/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-88582-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2021	3/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90673-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/15/2020	3/10/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-94027-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2020	3/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101664-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	76	Non-Catalytic		11/21/2020	3/10/2021		22.7	3	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103345-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2020	3/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103893-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2020	3/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101761-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/8/2021	3/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104259-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2021	3/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104326-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	1/16/2021	3/10/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-103588-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2021	3/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103775-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	3/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102790-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2021	3/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104806-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100701-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	3/10/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101721-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/4/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104563-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	3/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104799-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	2/5/2021	3/10/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-104107-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97825-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105374-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/13/2021	3/10/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104174-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104232-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103023-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/18/2021	3/10/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-104113-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104609-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104256-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2021	3/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104919-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104604-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103642-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		66 Non-Catalytic	TRUE	2/22/2021	3/10/2021		22.7	2.2	7%	66%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-103849-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2021	3/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104728-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90982-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104271-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.4		67 Non-Catalytic	FALSE	2/24/2021	3/10/2021		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102941-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103783-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2021	3/10/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-88463-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5		69 Non-Catalytic	FALSE	3/1/2021	3/10/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103944-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2021	3/10/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-104087-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2021	3/10/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-103262-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	3/2/2021	3/10/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-103356-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104543-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2020	3/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104366-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	3/11/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102748-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/11/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105844-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2021	3/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106005-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.72		81 Hybrid		1/29/2021	3/15/2021		29.5	1.44	54%	81%	2.67	100%	0%	0.0606	0.0020	0.0587
G-105958-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	2/3/2021	3/15/2021		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-105040-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	3/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104417-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2021	3/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104501-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/19/2021	3/15/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-105851-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/15/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105427-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/23/2021	3/15/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106289-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	2/24/2021	3/15/2021		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-107273-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/2/2021	3/15/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105688-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2021	3/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104647-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6		73 Non-Catalytic	FALSE	3/4/2021	3/15/2021		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104666-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2021	3/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105214-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/25/2021	3/16/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105022-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.89		70 Non-Catalytic	FALSE	1/25/2021	3/16/2021		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105810-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/26/2021	3/16/2021		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-105517-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/10/2021	3/16/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-105684-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105969-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105930-A1	Kern	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/16/2021	3/16/2021		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-105543-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106349-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105008-A1	San Joaquin	Certified Wood Insert	Gas Insert					2/19/2021	3/16/2021		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-105876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105515-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106020-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106086-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106110-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106229-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104988-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105012-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2021	3/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104596-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104705-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105279-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106191-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	3/16/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105667-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/26/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105901-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104954-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105894-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105625-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106216-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106452-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104643-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2021	3/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106262-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107244-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	3/3/2021	3/16/2021		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-104672-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106449-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-96548-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2020	3/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103581-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2020	3/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105835-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2021	3/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107078-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic		2/9/2021	3/17/2021		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105932-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	3/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106589-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		2/12/2021	3/17/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-106243-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2021	3/17/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107001-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/15/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107298-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105262-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106578-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107004-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/18/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107415-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/18/2021	3/17/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107417-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103990-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/17/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106587-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106901-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2021	3/17/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107300-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107742-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9	77	Hybrid	FALSE	2/19/2021	3/17/2021	29.5	3.8	54%	77%	2.61	100%	0%	0.0593	0.0054	0.0539
G-106718-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106777-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107513-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2021	3/17/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107626-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	2/22/2021	3/17/2021	14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-106737-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/23/2021	3/17/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107076-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/23/2021	3/17/2021	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-107650-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					2/23/2021	3/17/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107672-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107789-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/17/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107865-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	2/23/2021	3/17/2021	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-106983-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107006-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/24/2021	3/17/2021	29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-107702-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107072-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic		2/24/2021	3/17/2021	22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-100172-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	2/25/2021	3/17/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106006-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/17/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107522-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107601-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107739-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106837-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/17/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107947-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107523-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8	71	Non-Catalytic		2/27/2021	3/17/2021	22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-106639-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107310-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107401-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/17/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107412-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104367-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104664-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105446-A1	Tulare	Non-Certified Wood Insert	Gas Insert					3/2/2021	3/17/2021	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-106077-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	3/2/2021	3/17/2021	29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-106552-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/17/2021	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-106595-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/3/2021	3/17/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106937-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/3/2021	3/17/2021	29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-106986-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/17/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107792-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/17/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107908-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/3/2021	3/17/2021	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-107939-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/17/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100129-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					3/4/2021	3/17/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103145-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106617-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/4/2021	3/17/2021	29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-106848-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2021	3/17/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107905-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/17/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104319-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	3/17/2021	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-104222-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic		1/2/2021	3/18/2021	22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102774-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/7/2021	3/18/2021	2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-103889-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104463-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104529-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105368-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	3/18/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-105499-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107392-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/18/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106926-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	3/18/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102104-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/18/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106591-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/18/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104221-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/18/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106579-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	3/18/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-99962-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5	79	Non-Catalytic	FALSE	11/18/2020	3/19/2021	29.5	3	54%	79%	2.61	100%	0%	0.0593	0.0041	0.0552
G-102672-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2020	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103032-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105979-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/20/2021	3/19/2021	14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-102357-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2021	3/19/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103844-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/26/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100711-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103411-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104833-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2021	3/19/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103358-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2021	3/19/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104824-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104920-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104751-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	3/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106823-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	3/19/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103735-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/27/2021	3/19/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107745-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100413-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2021	3/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107857-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108070-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108133-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2021	3/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102107-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106694-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	3/5/2021	3/19/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-98562-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107393-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2021	3/19/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104359-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2021	3/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106981-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2021	3/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104088-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2020	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104089-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104589-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105662-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2021	3/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105105-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105813-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		2/25/2021	3/22/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-107861-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94694-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	3/4/2021	3/22/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-107984-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	3/5/2021	3/22/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-107008-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107049-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107555-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93238-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/6/2021	3/22/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103527-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103531-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105190-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2021	3/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103398-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/10/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108291-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104874-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/12/2021	3/22/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-105015-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106244-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106967-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2021	3/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94663-A2	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/27/2020	3/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105899-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107348-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103111-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	3/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-91768-A1	Kings	Open Hearth Fireplace	Gas Fireplace				TRUE	2/3/2021	3/23/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102703-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106332-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	0.95		77 Non-Catalytic	FALSE	2/13/2021	3/23/2021		2.9	1.9	68%	77%	2.09	100%	0%	0.0047	0.0027	0.0020
G-107046-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104562-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2021	3/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105916-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105365-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.72		81 Hybrid	TRUE	2/22/2021	3/23/2021		29.5	1.44	54%	81%	2.67	68%	32%	0.0409	0.0014	0.0395
G-104537-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/23/2021	3/23/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-90306-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/23/2021	3/23/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-105790-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106407-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101331-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105576-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108017-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	TRUE	3/4/2021	3/23/2021		22.7	3.6	7%	74%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105906-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106978-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107557-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98664-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		72 Non-Catalytic	FALSE	3/5/2021	3/23/2021		29.5	3.8	54%	72%	2.61	100%	0%	0.0593	0.0057	0.0536
G-104876-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107167-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107859-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102791-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/8/2021	3/23/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105880-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108059-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/9/2021	3/23/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-70091-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					3/9/2021	3/23/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106839-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108008-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/10/2021	3/23/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108231-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/10/2021	3/23/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106253-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107291-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	3/23/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107912-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106824-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	3/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108019-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		60 Non-Catalytic		3/12/2021	3/23/2021		22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-102961-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105350-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2021	3/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102731-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103535-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	3/23/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104715-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106898-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105280-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	3/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103559-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2021	3/24/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	3/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93113-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.2		77 Non-Catalytic	FALSE	12/3/2020	3/29/2021		2.9	2.4	68%	77%	2.61	100%	0%	0.0058	0.0043	0.0016
G-102951-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	12/16/2020	3/29/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-103558-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2020	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2020	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-101450-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	1/22/2021	3/29/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-104581-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107066-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2021	3/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104522-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/11/2021	3/29/2021		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-97331-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/15/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107452-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/17/2021	3/29/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-104667-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	0.74		76 Non-Catalytic	TRUE	2/26/2021	3/29/2021		22.7	1.48	7%	76%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105730-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105881-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/1/2021	3/29/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-106298-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107589-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100828-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107738-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103655-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2021	3/29/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104372-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/8/2021	3/29/2021		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-105908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108236-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107318-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108267-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/11/2021	3/29/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108293-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108354-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106059-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105504-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106068-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102933-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106555-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106400-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106402-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101249-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/18/2021	3/29/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-103566-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	3/29/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-107398-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	3/29/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108603-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	3/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103567-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105994-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/20/2021	3/29/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105989-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107319-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2021	3/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102401-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/17/2020	4/1/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105657-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2021	4/1/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105377-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105683-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2021	4/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104974-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2021	4/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106113-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2021	4/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106726-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106574-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108292-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106419-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2021	4/1/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108068-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	4/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106446-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/17/2021	4/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108604-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106770-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107410-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105896-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	4/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106748-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106241-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic		3/23/2021	4/1/2021		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-107786-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	4/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104094-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	2/8/2021	4/2/2021		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-106677-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	4/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108482-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	4/2/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107349-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	4/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105890-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	3/15/2021	4/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107799-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106780-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107973-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	4/2/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105787-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2021	4/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106767-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	4/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105642-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2021	4/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106475-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/8/2021	4/5/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106616-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	3/9/2021	4/5/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-106293-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	3/10/2021	4/5/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-107158-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/10/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106380-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106416-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108360-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106627-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106638-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2021	4/5/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-106776-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2021	4/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107371-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106590-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3		74 Catalytic	TRUE	3/19/2021	4/5/2021		22.7	2.6	7%	74%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-106594-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106757-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107422-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106846-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2021	4/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106346-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	4/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105655-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-107413-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2021	4/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105103-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/7/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108535-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/7/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106192-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2021	4/7/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-98299-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2021	4/7/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101336-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.49	63	Non-Catalytic		4/1/2021	4/7/2021		29.5	0.98	54%	63%	2.09	100%	0%	0.0475	0.0014	0.0461
G-97780-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2020	4/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104131-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2020	4/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103681-A1	Tulare	Non-Certified Wood Insert	Gas Insert					12/24/2020	4/8/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-102969-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	1/20/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104357-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	4/8/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-105510-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	4/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104580-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106553-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106233-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106017-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105781-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104933-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106089-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/6/2021	4/8/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103639-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106603-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94130-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic	TRUE	3/12/2021	4/8/2021		29.5	3.4	54%	74%	2.1	61%	38%	0.0290	0.0027	0.0264
G-103599-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105859-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107802-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104223-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105637-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106782-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104075-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	4/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105850-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105940-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/19/2021	4/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108363-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106093-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108357-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	4/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104637-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106670-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107689-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/23/2021	4/8/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-109211-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108722-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2021	4/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107756-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105194-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2021	4/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97939-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/7/2020	4/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105473-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	4/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102783-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2020	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104362-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103945-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2021	4/13/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106403-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105785-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102850-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105263-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107483-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107796-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	2/27/2021	4/13/2021		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-108130-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic		3/1/2021	4/13/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-106619-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2021	4/13/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105923-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic	TRUE	3/4/2021	4/13/2021		2.9	4.6	68%	72%	2.67	68%	32%	0.0040	0.0064	-0.0024
G-108601-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103122-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104433-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108021-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2021	4/13/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108398-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105421-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107481-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107656-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-90532-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/13/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-108683-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104241-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	0.89	70	Non-Catalytic	FALSE	3/16/2021	4/13/2021		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105327-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108072-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101491-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102515-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/17/2021	4/13/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-106692-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108590-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2021	4/13/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106319-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2021	4/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106632-A1	Kern	Wood-Burning Firebox	Gas Insert				FALSE	3/19/2021	4/13/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107459-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/13/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108348-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108172-A1	Tulare	Wood-Burning Firebox	Gas Insert					3/21/2021	4/13/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104187-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	4/13/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105175-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2021	4/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106724-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/22/2021	4/13/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-107685-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	3/22/2021	4/13/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-104178-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105438-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105565-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105702-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	3/23/2021	4/13/2021	14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-106087-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106994-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-107179-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107740-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/23/2021	4/13/2021	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-108069-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/13/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104203-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104871-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106479-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/24/2021	4/13/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107182-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2021	4/13/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107260-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93212-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100720-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107307-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92288-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	3/25/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103029-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/13/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106991-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107018-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106528-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107324-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2021	4/13/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106592-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		2/23/2021	4/14/2021	22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-107290-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		2/23/2021	4/14/2021	22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-106115-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/13/2021	4/14/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106736-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104397-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic		3/24/2021	4/14/2021	22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-107800-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107590-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/14/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106713-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108241-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106442-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2021	4/14/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107161-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105892-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2021	4/14/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102966-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2021	4/14/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108570-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2021	4/14/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106586-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	0.49		63 Non-Catalytic	FALSE	4/3/2021	4/14/2021	22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-88060-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2021	4/15/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104515-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	2/2/2021	4/15/2021	14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-102890-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2021	4/15/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104085-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/4/2021	4/15/2021	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-107375-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	4/15/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104413-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/12/2021	4/15/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-105425-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/12/2021	4/15/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106822-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2021	4/15/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107942-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/15/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107812-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	4/15/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103976-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	4/15/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104877-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2021	4/15/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-109044-A1	Madera	Open Hearth Fireplace	Freestanding Gas Stove					3/25/2021	4/15/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106411-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	4/15/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108185-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2021	4/15/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107972-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2021	4/15/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108652-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2021	4/15/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105639-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		66 Non-Catalytic	FALSE	3/31/2021	4/15/2021	22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-108156-A1	San Joaquin	Certified Wood Insert	Gas Insert				FALSE	3/31/2021	4/15/2021	14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-108577-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2021	4/15/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108934-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2021	4/15/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106041-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.5		69 Non-Catalytic		4/1/2021	4/15/2021	29.5	3	54%	69%	2.1	100%	0%	0.0477	0.0038	0.0439
G-107801-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2021	4/15/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104209-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	4/19/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106257-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/6/2021	4/19/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107039-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106691-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106359-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104375-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/19/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108711-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105090-A1	Merced	Wood-Burning Firebox	Gas Fireplace				TRUE	3/26/2021	4/19/2021	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-107069-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					3/29/2021	4/19/2021	29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-106605-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2021	4/19/2021	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-109326-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2021	4/19/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109324-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		4/1/2021	4/19/2021	22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-107156-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107716-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	4/2/2021	4/19/2021	14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-106015-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106373-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106537-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108480-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107833-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	4/19/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109140-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	4/19/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88933-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	4/19/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103228-A1	Madera	Non-Certified Pellet Insert	Gas Insert				TRUE	4/7/2021	4/19/2021	2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-107396-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2021	4/21/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107003-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	4/21/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103562-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2021	4/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105256-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2021	4/21/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-104801-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.5		71 Non-Catalytic	TRUE	3/9/2021	4/21/2021		29.5	3	54%	71%	2.1	61%	38%	0.0290	0.0024	0.0266
G-108171-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2021	4/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103682-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2021	4/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102367-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106545-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106664-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	4/21/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104878-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.5		65 Non-Catalytic		3/20/2021	4/21/2021		2.9	3	68%	65%	2.1	100%	0%	0.0047	0.0051	-0.0004
G-106643-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103469-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	4/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109466-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105582-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107035-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		78 Hybrid	FALSE	3/31/2021	4/21/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-107080-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108721-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2021	4/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-103612-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	4/2/2021	4/21/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-108899-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2021	4/21/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108315-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2021	4/21/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-107334-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107965-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.72		81 Hybrid	FALSE	4/7/2021	4/21/2021		22.7	1.44	7%	81%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105580-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106025-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106941-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108586-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109133-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2021	4/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-92892-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	4/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104629-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2021	4/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109322-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/6/2021	4/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105346-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103763-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/11/2021	4/28/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104173-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105328-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103688-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	3/8/2021	4/28/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-106571-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2021	4/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106536-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	4/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107849-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	4/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105824-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106350-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109277-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	4/28/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-100832-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106646-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108927-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2021	4/28/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107194-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106765-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107456-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	4/1/2021	4/28/2021		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-106695-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2		72 Non-Catalytic	TRUE	4/2/2021	4/28/2021		29.5	4	54%	72%	2.67	68%	32%	0.0409	0.0044	0.0365
G-108358-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/3/2021	4/28/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103347-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109248-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/5/2021	4/28/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106070-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2021	4/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106996-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/6/2021	4/28/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104930-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106106-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108135-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	4/28/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108774-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104036-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	4/8/2021	4/28/2021		29.5	4.6	54%	72%	2.1	53%	43%	0.0254	0.0033	0.0221
G-105267-A1	Madera	Certified Wood Insert	Gas Insert				FALSE	4/8/2021	4/28/2021		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-106075-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2021	4/28/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107471-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/8/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108983-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109155-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	4/8/2021	4/28/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-109039-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		4/8/2021	4/28/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-106860-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.7		70 Non-Catalytic	FALSE	4/9/2021	4/28/2021		22.7	3.4	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-106689-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108345-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2021	4/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108596-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/9/2021	4/28/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-105266-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2021	4/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108891-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2021	4/28/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-97636-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/12/2021	4/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104832-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	4/14/2021	4/28/2021		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-102535-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2021	4/29/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106147-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2021	4/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104597-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2021	4/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105258-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2021	4/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107434-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	3/26/2021	4/29/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-108705-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	4/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109043-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		4/15/2021	4/29/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-109386-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2021	4/29/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-109050-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2021	4/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104638-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	1/6/2021	5/3/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-101028-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106037-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107159-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	0.72		81 Hybrid	TRUE	2/15/2021	5/3/2021		22.7	1.44	7%	81%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-105502-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Gas Insert				TRUE	2/24/2021	5/3/2021		2.9	0	68%	68%	1.15	61%	38%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103464-A1	Kern	Open Hearth Fireplace	Gas Insert				FALSE	3/4/2021	5/3/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108071-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic	FALSE	3/6/2021	5/3/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104820-A1	Madera	Wood-Burning Firebox	Gas Insert					3/17/2021	5/3/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106948-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107165-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					3/26/2021	5/3/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-108044-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102662-A1	Madera	Non-Certified Wood Insert	Gas Insert				FALSE	4/1/2021	5/3/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-106133-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/2/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109465-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108042-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107311-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107313-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106747-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108976-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107503-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	4/7/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107690-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106635-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106912-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	4/9/2021	5/3/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104077-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104358-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108743-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100477-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	4/13/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106237-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	5/3/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108251-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108801-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110232-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104645-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107175-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107578-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/14/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110126-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99870-A1	Madera	Non-Certified Wood Insert	Gas Insert					4/14/2021	5/3/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-106219-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106251-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108566-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109152-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110568-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic		4/20/2021	5/3/2021		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102011-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	5/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-92390-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2021	5/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106921-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.78	64	Non-Catalytic	TRUE	2/18/2021	5/4/2021		29.5	1.56	54%	64%	2.1	54%	44%	0.0258	0.0013	0.0246
G-106557-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2021	5/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109267-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2021	5/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105109-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109478-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106693-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109320-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109358-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	4/13/2021	5/4/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-107296-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110484-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	4/16/2021	5/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-88238-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2021	5/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106323-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109506-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2021	5/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-89980-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	2/14/2020	5/12/2021		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-100525-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/24/2020	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105808-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-98291-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/2/2021	5/12/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-103556-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106935-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/1/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107520-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	3/5/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102965-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	3/12/2021	5/12/2021		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-107376-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic		3/12/2021	5/12/2021		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106526-A1	Madera	Certified Wood Insert	Gas Insert				FALSE	3/18/2021	5/12/2021		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-109116-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/20/2021	5/12/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-105821-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2021	5/12/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-92162-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/28/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107150-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106816-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	3/31/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107261-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2021	5/12/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-107315-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105686-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106351-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106913-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108610-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107021-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109434-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/8/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103427-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2021	5/12/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-105866-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2021	5/12/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-107272-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108250-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106716-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108329-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109500-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105265-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105553-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/15/2021	5/12/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107420-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-108761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109483-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/12/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109819-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	5/12/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107607-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109990-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102068-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106896-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/17/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107389-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/17/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-109806-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104759-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109079-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/19/2021	5/12/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103147-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	5/12/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104027-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108716-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/20/2021	5/12/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-108247-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/12/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110247-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/12/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104255-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic		4/22/2021	5/12/2021		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-103457-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/22/2021	5/12/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-105977-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/12/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107494-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	4/23/2021	5/12/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-103030-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.5		69 Non-Catalytic		4/25/2021	5/12/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-92622-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104128-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2021	5/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105516-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2021	5/13/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-107407-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109224-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107952-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107727-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108173-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/22/2021	5/13/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-110136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109543-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		4/22/2021	5/13/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-103636-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	4/23/2021	5/13/2021		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-107400-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2021	5/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107425-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107508-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110197-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/13/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-110200-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109400-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2021	5/13/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109046-A1	Merced	Non-Certified Wood Insert	Gas Insert					4/26/2021	5/13/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-104915-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103501-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89293-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2021	5/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104591-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	3/5/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105849-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	3/10/2021	5/17/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-107395-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110272-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104257-A1	Madera	Wood-Burning Firebox	Gas Fireplace				FALSE	4/16/2021	5/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-106356-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/20/2021	5/17/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106529-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109654-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107045-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107271-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108180-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/22/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107160-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2021	5/17/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-106364-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107895-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88622-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/26/2021	5/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110599-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	5/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103964-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104240-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108476-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107295-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	5/19/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106198-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/31/2021	5/19/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-109094-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	4/8/2021	5/19/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-107270-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107748-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110152-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/15/2021	5/19/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-108242-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108313-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108568-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/19/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108674-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108399-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/22/2021	5/19/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103409-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107369-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107509-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/23/2021	5/19/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-108582-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109502-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/23/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110822-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2021	5/19/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-108148-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2021	5/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107562-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove					4/28/2021	5/19/2021		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-108521-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106395-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	5/19/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-108734-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	4/30/2021	5/19/2021		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-109149-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2021	5/19/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109462-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	5/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-109743-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	5/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107981-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2021	5/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106831-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2021	5/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108763-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	3/18/2021	5/26/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107720-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103292-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107403-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/16/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108158-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2021	5/26/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109321-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2021	5/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105320-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2021	5/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109218-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109567-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/23/2021	5/26/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107499-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107715-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109048-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102155-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105563-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106377-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107863-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108182-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110248-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	5/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109121-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109489-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105820-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/30/2021	5/26/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107044-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	4/30/2021	5/26/2021		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-107944-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/30/2021	5/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108309-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109410-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/30/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110937-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	5/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108538-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/1/2021	5/26/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-109907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110161-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106771-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	5/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2021	5/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110121-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2021	5/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-110663-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	5/4/2021	5/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110817-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	5/4/2021	5/26/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-108598-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2021	5/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104125-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2021	6/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103846-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106990-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108630-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2021	6/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106547-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2021	6/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108559-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2021	6/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107648-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		4/9/2021	6/8/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-108061-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106268-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	6/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106740-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/24/2021	6/8/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106335-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108043-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110125-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107346-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109231-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110760-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105971-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	4/29/2021	6/8/2021		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-107347-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108760-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	6/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109319-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/29/2021	6/8/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108321-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107067-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	5/1/2021	6/8/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-108355-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107591-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107639-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/3/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108724-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-97450-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94863-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2		72 Non-Catalytic	FALSE	5/3/2021	6/8/2021		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-103466-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6		73 Non-Catalytic	FALSE	5/5/2021	6/8/2021		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-102409-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/5/2021	6/8/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106033-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2021	6/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106665-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	5/6/2021	6/8/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-109405-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110583-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107694-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108370-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/7/2021	6/8/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-110000-A1	Tulare	Wood-Burning Firebox	Gas Insert					5/7/2021	6/8/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-110819-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2021	6/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-110915-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2021	6/8/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109096-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102332-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110947-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2021	6/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106554-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	6/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103569-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	6/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108602-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	6/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-97444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107166-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	4/2/2021	6/9/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-108600-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2021	6/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106659-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/20/2021	6/9/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107730-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	4/20/2021	6/9/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-107293-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	70	Non-Catalytic	TRUE	4/27/2021	6/9/2021		22.7	3	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-110924-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107423-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2021	6/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108361-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	6/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109652-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/9/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-111637-A1	Madera	Non-Certified Wood Insert	Gas Insert					5/4/2021	6/9/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-105711-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108050-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/5/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106436-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108614-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108025-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2021	6/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-84238-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/16/2020	6/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104676-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic		12/31/2020	6/16/2021		29.5	5	54%	70%	2.09	100%	0%	0.0475	0.0062	0.0413
G-103431-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	2/16/2021	6/16/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-87488-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2021	6/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107428-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2021	6/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106648-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	3/25/2021	6/16/2021		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-104980-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic		3/26/2021	6/16/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-107337-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2021	6/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-86318-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.7	73	Non-Catalytic	TRUE	4/19/2021	6/16/2021		29.5	3.4	54%	73%	2.1	61%	38%	0.0290	0.0027	0.0263
G-106265-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	4/23/2021	6/16/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-110119-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		4/23/2021	6/16/2021		2.9	1.96	68%	76%	2.1	100%	0%	0.0047	0.0028	0.0019
G-104986-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	4/26/2021	6/16/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-103564-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108890-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	6/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109655-A1	Merced	Open Hearth Fireplace	Gas Insert				FALSE	4/30/2021	6/16/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-86457-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107932-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108806-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	5/11/2021	6/16/2021		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-110481-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2021	6/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-79747-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106000-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	5/15/2021	6/16/2021		2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-111071-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108382-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/17/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108405-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/17/2021	6/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-109733-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2021	6/16/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-104237-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	6/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95121-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	6/16/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-111903-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	5/21/2021	6/16/2021		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-110661-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/21/2021	6/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107409-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	5/22/2021	6/16/2021		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-111918-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic		5/26/2021	6/16/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-111905-A1	Kern	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic		5/28/2021	6/16/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-112085-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	5/29/2021	6/16/2021		22.7	4.6	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-94783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2021	6/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108569-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.3	72	Non-Catalytic		6/1/2021	6/16/2021		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-110131-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2021	6/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-94897-A2	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2021	6/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106021-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	2/18/2021	6/17/2021		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-106976-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	2.1	70	Non-Catalytic	TRUE	3/5/2021	6/17/2021		22.7	4.2	7%	70%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-108564-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/10/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104121-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102698-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107670-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107268-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	4/7/2021	6/17/2021		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108629-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105369-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109667-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103034-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105208-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/2/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109409-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/3/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109789-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106535-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109995-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107940-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109809-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106710-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107195-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2021	6/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-107390-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110415-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102826-A1	Fresno	Wood-Burning Firebox	Gas Insert					5/10/2021	6/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-109056-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110137-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109213-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-110180-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106773-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107188-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107247-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109054-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-109633-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110482-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107959-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109468-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105165-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105348-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109542-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110424-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112028-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	5/14/2021	6/17/2021		22.7	4.6	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-109850-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	5/15/2021	6/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-110314-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106294-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107953-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/17/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105895-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107695-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107240-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106092-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106336-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	5/21/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107098-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/25/2021	6/17/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106422-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107698-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	5/26/2021	6/17/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102842-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108993-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109159-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	5/28/2021	6/17/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112471-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/29/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108074-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2021	6/17/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111934-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107609-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/3/2021	6/17/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-110354-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2021	6/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103504-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic	TRUE	6/6/2021	6/17/2021		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-110357-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2021	6/17/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101102-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2020	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102298-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2020	6/27/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-108830-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105349-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/26/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107588-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108948-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		69 Non-Catalytic		4/3/2021	6/27/2021		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-108972-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104976-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102203-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2021	6/27/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108594-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110543-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	TRUE	4/22/2021	6/27/2021		22.7	3.6	7%	74%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100150-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	4/29/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104960-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	6/27/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105338-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	4/29/2021	6/27/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-110746-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1		73 Non-Catalytic	TRUE	4/29/2021	6/27/2021		29.5	2	54%	73%	2.1	54%	44%	0.0258	0.0014	0.0244
G-110749-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		66 Non-Catalytic	TRUE	4/30/2021	6/27/2021		22.7	2.2	7%	66%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106532-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103118-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	5/6/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108562-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111465-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107054-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2021	6/27/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107974-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107294-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/12/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109989-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103247-A1	Kern	Non-Certified Wood Insert	Gas Fireplace				TRUE	5/13/2021	6/27/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-105974-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	5/13/2021	6/27/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-106919-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108892-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109037-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108066-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	5/14/2021	6/27/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-101815-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106476-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108575-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109100-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/14/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109800-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109931-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110658-A1	Tulare	Open Hearth Fireplace	Gas Insert					5/15/2021	6/27/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104652-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/18/2021	6/27/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110527-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	5/18/2021	6/27/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108597-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109271-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic	TRUE	5/20/2021	6/27/2021		22.7	2.2	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103508-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/20/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111615-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	6/27/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-111760-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/20/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106855-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic	FALSE	5/21/2021	6/27/2021		29.5	2.8	54%	74%	2.61	100%	0%	0.0593	0.0041	0.0552
G-108982-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.9		73 Non-Catalytic	FALSE	5/21/2021	6/27/2021		29.5	3.8	54%	73%	2.61	100%	0%	0.0593	0.0056	0.0536
G-109095-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	5/21/2021	6/27/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-111264-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.95		77 Non-Catalytic	FALSE	5/21/2021	6/27/2021		29.5	1.9	54%	77%	1.57	100%	0%	0.0357	0.0016	0.0341
G-105607-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111703-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110414-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103232-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/27/2021	6/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107380-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111312-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					6/1/2021	6/27/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-108127-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2021	6/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112543-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					6/8/2021	6/27/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-97594-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/7/2020	6/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111269-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2021	6/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100667-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	6/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2021	6/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96180-A1	Madera	Wood-Burning Firebox	Gas Insert					11/9/2020	7/15/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102294-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	11/11/2020	7/15/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-102463-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/3/2020	7/15/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-109338-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2021	7/15/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108290-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2021	7/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110492-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove					5/20/2021	7/15/2021		2.9	0	68%	68%	2.61	100%	0%	0.0058	0.0000	0.0058
G-108289-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	5/22/2021	7/15/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-111616-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/22/2021	7/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108742-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2021	7/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107553-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2021	7/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109038-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2021	7/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108680-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/14/2021	7/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112315-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/15/2021	7/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94752-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	7/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113182-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/18/2021	7/15/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-108615-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	6/19/2021	7/15/2021		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-112895-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/20/2021	7/15/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-103653-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	6/22/2021	7/15/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-113171-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/26/2021	7/15/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-113589-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/1/2021	7/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111901-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	7/22/2021	7/15/2021		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-103429-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	7/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-91068-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2021	7/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111107-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111268-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2021	7/20/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109746-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110320-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110565-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/25/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111197-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108793-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2021	7/20/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109650-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2021	7/20/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110934-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	6/10/2021	7/20/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-102727-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/11/2021	7/20/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102745-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2021	7/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-110368-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2021	7/21/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-108888-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2021	7/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105997-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/29/2021	7/21/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-109309-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103113-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic		5/3/2021	7/21/2021		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104118-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109541-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	5/7/2021	7/21/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-108375-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2021	7/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92894-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/11/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110485-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107999-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/20/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109539-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/21/2021	7/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-111194-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	5/22/2021	7/21/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-110005-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110936-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/27/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108232-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/28/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108765-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2021	7/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109467-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/28/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111707-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107180-A1	Tulare	Wood-Burning Firebox	Gas Insert					6/1/2021	7/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-108981-A1	Madera	Wood-Burning Firebox	Gas Fireplace				FALSE	6/1/2021	7/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-112074-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/1/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112219-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2021	7/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106221-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/6/2021	7/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-97019-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert					6/7/2021	7/21/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-111914-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2021	7/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112470-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2021	7/21/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89809-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/9/2021	7/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112762-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				FALSE	6/23/2021	7/21/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-105492-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107336-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/16/2021	7/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110387-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				FALSE	2/26/2021	7/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107657-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-97650-A1	Fresno	Non-Certified Wood Insert	Heat Pump - Ductless				FALSE	4/11/2021	7/22/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-101088-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109546-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109327-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/5/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105042-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.2	66	Non-Catalytic		5/10/2021	7/22/2021		22.7	2.4	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-107983-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					5/13/2021	7/22/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-107608-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/14/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109222-A1	Madera	Non-Certified Wood Insert	Freestanding Certified Wood Stove	2.1	70	Non-Catalytic		5/14/2021	7/22/2021		29.5	4.2	54%	70%	2.1	100%	0%	0.0477	0.0052	0.0425
G-111704-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104072-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108681-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/25/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109303-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/28/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-111262-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	5/28/2021	7/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-98305-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/28/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107475-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112443-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2021	7/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106954-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110259-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	6/4/2021	7/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102182-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105803-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2021	7/22/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-111835-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112218-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111460-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2		72 Non-Catalytic		6/8/2021	7/22/2021		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-106960-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107946-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108336-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108889-A1	Merced	Wood-Burning Firebox	Gas Fireplace				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-110129-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-111351-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-90450-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/9/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-90479-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99504-A1	Kern	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	6/10/2021	7/22/2021		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-112542-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/11/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112931-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/14/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109220-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106104-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106441-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111772-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107000-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/17/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-110002-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2021	7/22/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110497-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/18/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101529-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/19/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107794-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112861-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/19/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105827-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/20/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110657-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/20/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106461-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109714-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/21/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112808-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101046-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106232-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2021	7/22/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110537-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/23/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111353-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2021	7/22/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-111651-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-112849-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-112858-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2021	7/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-110690-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.9		78 Hybrid	FALSE	6/24/2021	7/22/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-113442-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	6/24/2021	7/22/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-113498-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/24/2021	7/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-107157-A1	Fresno	Wood-Burning Firebox	Gas Insert					6/25/2021	7/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-111195-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/25/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107737-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2021	7/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109437-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2021	7/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112153-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	7/17/2021	7/22/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-102429-A1	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	11/24/2020	7/26/2021		2.9	2.2	68%	76%	2.1	100%	0%	0.0047	0.0032	0.0015
G-102572-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/8/2021	7/26/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106720-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107817-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	5/20/2021	7/26/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-107453-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2021	7/26/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107382-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103532-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110479-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/24/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113200-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112699-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2021	7/26/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113639-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111541-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2021	7/26/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112837-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/1/2021	7/26/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113659-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/2/2021	7/26/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113365-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2021	7/26/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105026-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	1/16/2021	8/5/2021		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-108073-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/28/2021	8/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112287-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2021	8/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111943-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2021	8/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-89969-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2021	8/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113512-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2021	8/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112150-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2021	8/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-113808-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114040-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	7/17/2021	8/5/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102319-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/12/2020	8/6/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-106644-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2021	8/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109636-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/8/2021	8/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108529-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	4/19/2021	8/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108612-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2021	8/6/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-105731-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2021	8/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107958-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2021	8/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111394-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2021	8/6/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate			EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-109027-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	6/4/2021	8/6/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-109642-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104950-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107316-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/11/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108611-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/11/2021	8/6/2021			22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-109030-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/11/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108813-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/14/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106325-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105829-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2		72 Non-Catalytic		6/28/2021	8/6/2021			29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-107427-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace				TRUE	6/28/2021	8/6/2021			29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-108893-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111702-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106955-A1	Madera	Freestanding Certified Wood Stove	Gas Fireplace				FALSE	6/30/2021	8/6/2021			14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-108281-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110358-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111895-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/1/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112623-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103288-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107677-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107855-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109430-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111413-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113115-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/6/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112876-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113130-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113674-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/8/2021	8/6/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-106645-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107968-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113666-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2021	8/6/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113939-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/9/2021	8/6/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103152-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/6/2021			22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-106936-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108085-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113247-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108343-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/15/2021	8/6/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109145-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/15/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113672-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	1.1		66 Non-Catalytic		7/15/2021	8/6/2021			22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-112800-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/16/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104938-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108816-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2021	8/6/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101390-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2021	8/6/2021			22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101547-A1	Merced	Non-Certified Wood Insert	Gas Insert				FALSE	7/20/2021	8/6/2021			29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-97975-A1	Stanislaus	Freestanding Certified Wood Stove	Gas Fireplace					8/18/2020	8/11/2021			14.5785	0	68%	68%	1.55	100%	0%	0.0174	0.0000	0.0174
G-103028-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.9		78 Hybrid		2/5/2021	8/11/2021			29.5	3.8	54%	78%	2.1	100%	0%	0.0477	0.0043	0.0434
G-105033-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	4/30/2021	8/11/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102903-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/6/2021	8/11/2021			29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-104621-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2021	8/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105199-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2021	8/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113562-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2021	8/11/2021			22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-114487-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/22/2021	8/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104198-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/29/2021	8/11/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-92829-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2021	8/11/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108764-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/2/2021	8/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-113211-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/9/2021	8/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111979-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		76 Hybrid		7/2/2021	8/12/2021			22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-113511-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105613-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ductless				TRUE	7/6/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107896-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/6/2021	8/12/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-113118-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2021	8/12/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106389-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110385-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	7/14/2021	8/12/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-111981-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2021	8/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106615-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2021	8/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112513-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/16/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113181-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112546-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/20/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105943-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	7/21/2021	8/12/2021			2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-112054-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113585-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2021	8/12/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112477-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/22/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113063-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/22/2021	8/12/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-113180-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	7/22/2021	8/12/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-114889-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic	TRUE	7/26/2021	8/12/2021			22.7	1.56	7%	64%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112760-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113074-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/27/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113617-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113209-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/28/2021	8/12/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-114409-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113934-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/30/2021	8/12/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107187-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2021	8/17/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109812-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	5/6/2021	8/19/2021			2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-110873-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2021	8/19/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-108139-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2021	8/19/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-112888-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.2	72	Non-Catalytic	FALSE	6/16/2021	8/19/2021		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-110480-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	6/22/2021	8/19/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-109547-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	7/9/2021	8/19/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-101173-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	7/15/2021	8/19/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-112975-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/15/2021	8/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109820-A1	Madera	Wood-Burning Firebox	Gas Insert					7/29/2021	8/19/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-113665-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	8/19/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112631-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2021	8/19/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-99452-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/22/2021	8/24/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-106408-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2021	8/24/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114939-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2021	8/24/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-92479-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2021	8/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105559-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/21/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107697-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106840-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110271-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	7/1/2021	8/25/2021		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-105275-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	7/14/2021	8/25/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-108595-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103167-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/22/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104270-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114867-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2021	8/25/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-104942-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114228-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	8/25/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112576-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2021	8/25/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113113-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/29/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113189-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103314-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	8/25/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-104955-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/30/2021	8/25/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-113476-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108749-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114575-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114891-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2021	8/25/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115343-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2021	8/25/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115454-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114565-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	8/25/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-107935-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2021	8/25/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115469-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2021	8/25/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115667-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	8/25/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108799-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/3/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108543-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112436-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2021	9/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110567-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/25/2021	9/1/2021		29.5	0	54%	68%	1.57	100%	0%	0.0357	0.0000	0.0357
G-108992-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109712-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/1/2021	9/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-101852-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic		7/6/2021	9/1/2021		29.5	4	54%	72%	2.67	100%	0%	0.0606	0.0062	0.0545
G-112492-A1	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	7/7/2021	9/1/2021		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-111136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110875-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic		7/16/2021	9/1/2021		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-104233-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2021	9/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112690-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic		7/21/2021	9/1/2021		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-110917-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/25/2021	9/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103241-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107333-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2021	9/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113850-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2021	9/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-110128-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	9/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113079-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/28/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112001-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114675-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2021	9/1/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104606-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/3/2021	9/1/2021		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-111958-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/3/2021	9/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108381-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107153-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/5/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113805-A1	Tulare	Non-Certified Wood Insert	Gas Insert					8/5/2021	9/1/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-113924-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.4	77	Non-Catalytic		8/5/2021	9/1/2021		29.5	2.8	54%	77%	2.1	100%	0%	0.0477	0.0032	0.0445
G-107364-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2021	9/1/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-102058-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2021	9/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109717-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					8/4/2021	9/2/2021		29.5	0	54%	68%	2.09	100%	0%	0.0475	0.0000	0.0475
G-115486-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2021	9/7/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-115497-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2021	9/7/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102481-A1	San Joaquin	Freestanding Certified Wood Stove	Gas Fireplace					12/31/2020	9/8/2021		14.5785	0	68%	68%	1.15	100%	0%	0.0129	0.0000	0.0129
G-109232-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.53	82	Non-Catalytic	FALSE	6/10/2021	9/8/2021		29.5	1.06	54%	82%	2.4	100%	0%	0.0545	0.0013	0.0532
G-113119-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2021	9/8/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113226-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/22/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114397-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2021	9/8/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-101402-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2021	9/8/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114666-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114556-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	9/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115071-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114398-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2021	9/8/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112158-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	9/8/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-108815-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114665-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113374-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/5/2021	9/8/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-114147-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	8/5/2021	9/8/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-113342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99346-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109323-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2021	9/8/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-115279-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2021	9/8/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108817-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		76 Hybrid		8/12/2021	9/8/2021	22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105195-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/14/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105454-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2021	9/8/2021	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-115612-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/21/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115953-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2021	9/8/2021	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-116135-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2021	9/8/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112674-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		72 Non-Catalytic		8/27/2021	9/8/2021	29.5	4.6	54%	72%	2.61	100%	0%	0.0593	0.0069	0.0524
G-114836-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115616-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2021	9/8/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103088-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	12/19/2021	9/8/2021	22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-74695-A2	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	8/6/2021	9/8/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111571-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2021	9/9/2021	29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-112766-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/12/2021	9/9/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112878-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2021	9/9/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106671-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	7/16/2021	9/9/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105017-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/17/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106521-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	7/23/2021	9/9/2021	29.5	3	54%	69%	1.55	54%	44%	0.0191	0.0017	0.0174
G-112278-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/29/2021	9/9/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107262-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2021	9/9/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106109-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/6/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108886-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104356-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110874-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/12/2021	9/9/2021	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107353-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/13/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108897-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103149-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107779-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.8		60 Non-Catalytic		8/19/2021	9/9/2021	22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-103132-A1	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	8/19/2021	9/9/2021	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-104565-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2021	9/9/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102816-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	6/12/2021	9/15/2021	29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-108484-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2021	9/15/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114091-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.7		74 Non-Catalytic		7/17/2021	9/20/2021	22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-114733-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	7/29/2021	9/20/2021	14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-115054-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic		7/29/2021	9/20/2021	22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-113675-A1	Fresno	Freestanding Non-Certified Pellet Stove	Certified Pellet Insert	1.1		76 Non-Catalytic		8/1/2021	9/20/2021	2.9	2.2	68%	76%	2.09	100%	0%	0.0047	0.0032	0.0015
G-113426-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/5/2021	9/20/2021	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-113935-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	8/6/2021	9/20/2021	14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-114218-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114450-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/10/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114746-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114672-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/12/2021	9/20/2021	29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-113561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114869-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114400-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	8/17/2021	9/20/2021	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-114294-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/18/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114408-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	9/20/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108137-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8		71 Non-Catalytic		3/27/2021	9/22/2021	29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-109035-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2021	9/22/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113014-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2021	9/22/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109503-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	1.5		71 Non-Catalytic		7/28/2021	9/22/2021	22.7	3	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105006-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2021	9/22/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114927-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	7/31/2021	9/22/2021	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-112097-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/3/2021	9/22/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104579-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115455-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114804-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114587-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2021	9/22/2021	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113760-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/12/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106370-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/13/2021	9/22/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113357-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114296-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2021	9/22/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-114167-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/16/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114326-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114909-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				TRUE	8/17/2021	9/22/2021	2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-115269-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	8/17/2021	9/22/2021	29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-115607-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101785-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113124-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/18/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113301-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	9/22/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113384-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	9/22/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114403-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2021	9/22/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-114838-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7		76 Hybrid		8/19/2021	9/22/2021	29.5	3.4	54%	76%	2.1	100%	0%	0.0477	0.0039	0.0438
G-112494-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2021	9/22/2021	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115668-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.2		72 Non-Catalytic		8/20/2021	9/22/2021	22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-113482-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/23/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100054-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116426-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2021	9/22/2021	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106330-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	9/22/2021	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114566-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	8/26/2021	9/22/2021	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-114580-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	9/22/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-116677-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1		66 Non-Catalytic	TRUE	8/26/2021	9/22/2021		29.5	2.2	54%	66%	1.55	54%	44%	0.0191	0.0013	0.0178
G-116424-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	8/27/2021	9/22/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-112285-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/30/2021	9/22/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115665-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/30/2021	9/22/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107982-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/1/2021	9/22/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-113121-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	9/22/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-94381-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2021	9/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115723-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2021	9/29/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109099-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2021	9/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103812-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic	FALSE	1/15/2021	10/1/2021		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-109715-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/14/2021	10/1/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-110513-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/14/2021	10/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109055-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/14/2021	10/1/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112202-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2021	10/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112330-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2021	10/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-87708-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	10/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110664-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2021	10/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106228-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2021	10/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107980-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/30/2021	10/1/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102635-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106386-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109739-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-105883-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2021	10/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106908-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2021	10/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107366-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	9/11/2021	10/1/2021		2.9	3	68%	65%	2.1	100%	0%	0.0047	0.0051	-0.0004
G-111439-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/13/2021	10/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-93879-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2021	10/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114606-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/18/2021	10/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112605-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.5		78 Hybrid		8/21/2021	10/4/2021		29.5	1	54%	78%	2.4	100%	0%	0.0545	0.0013	0.0532
G-114497-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116044-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112678-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/26/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116021-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	8/26/2021	10/4/2021		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-116305-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	10/4/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-114377-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/27/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114812-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114919-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2021	10/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115778-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/4/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-113661-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2021	10/4/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114295-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	9/2/2021	10/4/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-116300-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2021	10/4/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2021	10/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116425-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/1/2021	10/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116649-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2021	10/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106287-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/3/2021	10/5/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-116572-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/8/2021	10/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116978-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert					9/9/2021	10/5/2021		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-116807-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	9/10/2021	10/5/2021		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-97323-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/17/2021	10/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108380-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2021	10/5/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-110313-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	6/29/2021	10/6/2021		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-114038-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2021	10/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115373-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/11/2021	10/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116643-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2021	10/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107850-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2021	10/6/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117494-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2021	10/6/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115812-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	10/12/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-116223-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2021	10/13/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-114448-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4		77 Non-Catalytic		9/10/2021	10/13/2021		29.5	2.8	54%	77%	2.61	100%	0%	0.0593	0.0039	0.0553
G-103306-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111630-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/8/2021	10/14/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114662-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116328-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2021	10/14/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-115801-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic		8/20/2021	10/14/2021		29.5	3	54%	71%	2.61	100%	0%	0.0593	0.0046	0.0547
G-110738-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	8/24/2021	10/14/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-113806-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/14/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-116520-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2021	10/14/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-114982-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2021	10/14/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-113676-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2021	10/14/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101523-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/7/2021	10/14/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116522-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2021	10/14/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-116648-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2021	10/14/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-102196-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108152-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110151-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	10/14/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116234-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/13/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106108-A1	Kings	Open Hearth Fireplace	Gas Fireplace				TRUE	9/14/2021	10/14/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-94395-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2021	10/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-100746-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/23/2021	10/14/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104910-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	1/16/2021	10/15/2021		29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-104741-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2021	10/15/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-112598-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2021	10/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108751-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	6/17/2021	10/15/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-108960-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2021	10/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110916-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2021	10/15/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112449-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/19/2021	10/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109422-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2021	10/15/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115135-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/19/2021	10/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate			EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-111928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115280-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/27/2021	10/15/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-115459-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2021	10/15/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115363-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2021	10/15/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114999-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/30/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115138-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109999-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2021	10/15/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105310-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/9/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112069-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2021	10/15/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-115375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115270-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		76 Hybrid		9/10/2021	10/15/2021			22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-115001-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	9/11/2021	10/15/2021			22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-107718-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/14/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109216-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-101507-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115386-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/17/2021	10/15/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107075-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	9/18/2021	10/15/2021			22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-91439-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/18/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115130-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2021	10/15/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108708-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108563-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103317-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.9		72 Non-Catalytic	TRUE	9/29/2021	10/15/2021			22.7	3.8	7%	72%	0.299465	54%	44%	0.0028	0.0001	0.0028
G-109849-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2021	10/15/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-103117-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2021	10/15/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104614-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	10/4/2021	10/15/2021			14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-97187-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	10/15/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-96842-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/31/2020	10/18/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115756-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2021	10/18/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-116190-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	8/31/2021	10/18/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116521-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2021	10/18/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116285-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2021	10/18/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115951-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic		9/2/2021	10/18/2021			29.5	2.8	54%	74%	2.09	100%	0%	0.0475	0.0033	0.0442
G-115973-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2021	10/18/2021			22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-115977-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2021	10/18/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105905-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	10/18/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-101855-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/23/2021	10/18/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115811-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2021	10/18/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115597-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic		9/27/2021	10/18/2021			29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-117355-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/2/2021	10/18/2021			29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-108887-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2021	10/20/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112371-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	8/5/2021	10/20/2021			29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-116301-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2021	10/20/2021			22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115132-A1	Tulare	Open Hearth Fireplace	Gas Insert					9/9/2021	10/20/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-115579-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/9/2021	10/20/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105261-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2021	10/20/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117287-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	9/13/2021	10/20/2021			22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-109134-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2021	10/20/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115749-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2021	10/20/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116578-A1	Tulare	Non-Certified Pellet Insert	Gas Insert				TRUE	9/18/2021	10/20/2021			2.9	0	68%	68%	2.1	53%	43%	0.0025	0.0000	0.0025
G-117570-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2021	10/20/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116630-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2021	10/20/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116676-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2021	10/20/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116904-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/22/2021	10/20/2021			29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-115776-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2021	10/20/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116140-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.72		81 Hybrid	TRUE	9/28/2021	10/20/2021			22.7	1.44	7%	81%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-115976-A1	Fresno	Non-Certified Wood Insert	Gas Insert					9/29/2021	10/20/2021			29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-116261-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2021	10/20/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116673-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		9/30/2021	10/20/2021			22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-116294-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2021	10/20/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116736-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	10/3/2021	10/20/2021			22.7	3	7%	69%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-106821-A1	Tulare	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	3/12/2021	10/27/2021			29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-110935-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114837-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114037-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113739-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104593-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2021	10/27/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113170-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic		9/8/2021	10/27/2021			29.5	2.8	54%	74%	2.61	100%	0%	0.0593	0.0041	0.0552
G-114856-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114881-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	9/8/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116295-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/10/2021	10/27/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-113206-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/13/2021	10/27/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113643-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117493-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/16/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114077-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/17/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117082-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic	TRUE	9/17/2021	10/27/2021			29.5	3	54%	71%	1.55	54%	44%	0.0191	0.0016	0.0174
G-117495-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2021	10/27/2021			22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117053-A1	Fresno	Wood-Burning Firebox	Gas Insert					9/21/2021	10/27/2021			22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-114600-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114603-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	10/27/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106920-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	9/23/2021	10/27/2021			14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-117566-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117018-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2021	10/27/2021			22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-117654-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2021	10/27/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117286-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117288-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/25/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117943-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116819-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2021	10/27/2021			22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117716-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2021	10/27/2021			22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-116767-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	TRUE	9/28/2021	10/27/2021		22.7	2.2	7%	76%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117809-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/29/2021	10/27/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-117081-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		9/30/2021	10/27/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-117284-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2021	10/27/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117319-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113637-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118281-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/1/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112457-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2021	10/27/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117289-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118066-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118005-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	10/5/2021	10/27/2021		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-115991-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2021	10/27/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-116196-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2021	10/27/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-74855-A1	Kern	Non-Certified Wood Insert	Gas Insert					12/11/2020	11/2/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-115777-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	9/25/2021	11/2/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-104093-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2021	11/3/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-115024-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/3/2021	11/3/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106749-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/7/2021	11/3/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-114858-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2021	11/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2021	11/3/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114454-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove					9/24/2021	11/3/2021		2.9	0	68%	68%	2.61	100%	0%	0.0058	0.0000	0.0058
G-99806-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic		9/24/2021	11/3/2021		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-106111-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2021	11/3/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111929-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1	77	Non-Catalytic		10/14/2021	11/3/2021		29.5	2.2	54%	77%	2.61	100%	0%	0.0593	0.0031	0.0562
G-109751-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	10/14/2021	11/3/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-101260-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2020	11/5/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-115003-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106651-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic	FALSE	8/27/2021	11/5/2021		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-111502-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/7/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116313-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/9/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116109-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.4	72	Non-Catalytic	TRUE	9/13/2021	11/5/2021		22.7	4.8	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-117040-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/18/2021	11/5/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-104100-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116265-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	9/21/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113716-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106894-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116985-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107397-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.8	71	Non-Catalytic		10/4/2021	11/5/2021		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-105505-A1	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	10/4/2021	11/5/2021		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-117975-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/6/2021	11/5/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117162-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic		10/6/2021	11/5/2021		29.5	4	54%	72%	2.09	100%	0%	0.0475	0.0048	0.0426
G-104137-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/8/2021	11/5/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-111927-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		10/9/2021	11/5/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-117161-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/9/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117279-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic		10/9/2021	11/5/2021		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117298-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110318-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.3	72	Non-Catalytic	FALSE	10/12/2021	11/5/2021		22.7	2.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-111350-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117237-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117125-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	11/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115751-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic	TRUE	10/15/2021	11/5/2021		29.5	3	54%	69%	2.4	53%	43%	0.0291	0.0026	0.0265
G-106596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109227-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112112-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116774-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111416-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	11/5/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-100097-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105235-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112149-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	11/5/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115670-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2021	11/5/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117984-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.9	72	Non-Catalytic	TRUE	10/7/2021	11/9/2021		29.5	3.8	54%	72%	2.1	54%	44%	0.0258	0.0028	0.0231
G-113500-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2021	11/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112291-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	11/9/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-113922-A1	Madera	Open Hearth Fireplace	Gas Insert					7/2/2021	11/10/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-115673-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	8/17/2021	11/10/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-115476-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic	TRUE	8/30/2021	11/10/2021		29.5	3	54%	69%	2.4	53%	43%	0.0291	0.0026	0.0265
G-115410-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2021	11/10/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-115602-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic	FALSE	9/7/2021	11/10/2021		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-112524-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	11/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-88192-A1	Madera	Open Hearth Fireplace	Gas Insert					9/23/2021	11/10/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-114886-A1	San Joaquin	Wood-Burning Firebox	Certified Wood Insert	1.9	78	Hybrid		9/28/2021	11/10/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-112626-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/5/2021	11/10/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-114387-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	10/6/2021	11/10/2021		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-113714-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	11/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115568-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	11/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-109492-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2021	11/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114913-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2021	11/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103322-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2021	11/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-109579-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2021	11/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113663-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2021	11/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107700-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2021	11/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-104773-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2020	11/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107056-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	8/10/2021	11/15/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-105975-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/27/2021	11/15/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115371-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	8/27/2021	11/15/2021		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-114644-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	11/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115554-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/24/2021	11/15/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-115452-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/27/2021	11/15/2021		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-115780-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.7	76	Hybrid		9/27/2021	11/15/2021		22.7	3.4	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-116139-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	10/7/2021	11/15/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-115762-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic	FALSE	10/17/2021	11/15/2021		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-116111-A1	Fresno	Non-Certified Wood Insert	Gas Insert					10/20/2021	11/15/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-115676-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	11/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115876-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic	TRUE	10/26/2021	11/15/2021		22.7	3.4	7%	73%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116274-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2021	11/15/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110388-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2021	11/15/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-116987-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2021	11/17/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114802-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2021	11/17/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114602-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2021	11/18/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114751-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	11/18/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106612-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-111270-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	8/9/2021	11/23/2021		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-113248-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116324-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/1/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106384-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/3/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113673-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98	76	Non-Catalytic		9/8/2021	11/23/2021		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-116671-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117213-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	9/20/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117167-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112885-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116899-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117840-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	9/25/2021	11/23/2021		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-116638-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105837-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/28/2021	11/23/2021		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-116309-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112558-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	74	Non-Catalytic	FALSE	9/30/2021	11/23/2021		29.5	3.6	54%	74%	2.61	100%	0%	0.0593	0.0053	0.0540
G-116883-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116788-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/2/2021	11/23/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-116302-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic		10/2/2021	11/23/2021		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-116984-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115818-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/4/2021	11/23/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-117310-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117371-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-110665-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116611-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115011-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117573-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117752-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117739-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114876-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.4	67	Non-Catalytic	FALSE	10/12/2021	11/23/2021		29.5	2.8	54%	67%	2.1	100%	0%	0.0477	0.0036	0.0441
G-116523-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/12/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-116768-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	11/23/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-85061-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/12/2021	11/23/2021		29.5	0	54%	68%	1.55	54%	44%	0.0191	0.0000	0.0191
G-116960-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117565-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117584-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2021	11/23/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-106835-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117007-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117265-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116817-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116835-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-82357-A1	Merced	Wood-Burning Firebox	Gas Insert					10/15/2021	11/23/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-116403-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	10/16/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117808-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117369-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/18/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114753-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117003-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117098-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/22/2021	11/23/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117281-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117282-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117285-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113219-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116956-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2021	11/23/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-116964-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2021	11/23/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117115-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113605-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8	74	Non-Catalytic	FALSE	10/28/2021	11/23/2021		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-117410-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.89	70	Non-Catalytic		10/29/2021	11/23/2021		29.5	1.78	54%	70%	1.15	100%	0%	0.0261	0.0012	0.0249
G-107050-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113034-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116662-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2021	11/23/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111980-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112437-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2021	11/23/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-114895-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2021	11/23/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116545-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	11/10/2021	11/23/2021		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-92935-A2	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2021	11/23/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107726-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	11/24/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117897-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2021	11/24/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108129-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/3/2021	12/1/2021		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-117293-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/13/2021	12/1/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-117905-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1	66	Non-Catalytic	TRUE	9/23/2021	12/1/2021		22.7	2.2	7%	66%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-117976-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118208-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/28/2021	12/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117974-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2021	12/1/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-118110-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2021	12/1/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115387-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	9/30/2021	12/1/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117915-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/30/2021	12/1/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112649-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118372-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic		10/2/2021	12/1/2021		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-118382-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2021	12/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118371-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.1	76	Non-Catalytic		10/6/2021	12/1/2021		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-117910-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107934-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/9/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116770-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/13/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118394-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118046-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	12/1/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118206-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117930-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	10/18/2021	12/1/2021		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-118150-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	10/18/2021	12/1/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-118209-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					10/19/2021	12/1/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117983-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118044-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117928-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115748-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117813-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118273-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2021	12/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118436-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	FALSE	10/26/2021	12/1/2021		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118006-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2021	12/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111746-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2021	12/1/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118393-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/4/2021	12/1/2021		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-103271-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/1/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109033-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/1/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-114674-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2021	12/2/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116423-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/29/2021	12/2/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-117579-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2021	12/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119870-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		10/29/2021	12/2/2021		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-118437-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.1	68	Non-Catalytic		11/2/2021	12/2/2021		29.5	2.2	54%	68%	2.1	100%	0%	0.0477	0.0028	0.0449
G-119792-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic	FALSE	11/2/2021	12/2/2021		29.5	3.2	54%	73%	2.67	100%	0%	0.0606	0.0049	0.0558
G-117571-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic		11/3/2021	12/2/2021		29.5	3.4	54%	72%	2.4	100%	0%	0.0545	0.0047	0.0498
G-119425-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/2/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2021	12/2/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119470-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	11/11/2021	12/2/2021		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-118441-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2021	12/8/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-106018-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/21/2021	12/9/2021		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-114882-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1	66	Non-Catalytic		10/6/2021	12/9/2021		22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118644-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2021	12/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119165-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					10/20/2021	12/9/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119163-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119169-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	10/21/2021	12/9/2021		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-119409-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2021	12/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105412-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	10/26/2021	12/9/2021		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-119205-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2021	12/9/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-119402-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119573-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119410-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	12/9/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119467-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	10/28/2021	12/9/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-119320-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted				TRUE	10/28/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119399-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	TRUE	10/28/2021	12/9/2021		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-119310-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2021	12/9/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119472-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2021	12/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119228-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119292-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2021	12/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119042-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/9/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119293-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/9/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118616-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert					8/13/2021	12/10/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-118280-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118676-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118823-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/13/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118650-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	12/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118515-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	10/16/2021	12/10/2021		22.7	2.6	7%	70%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118592-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	12/10/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118959-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	12/10/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-118887-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118727-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118986-A1	Madera	Certified Wood Insert	Gas Insert				FALSE	10/23/2021	12/10/2021		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-118897-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	10/26/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118774-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2021	12/10/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118875-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118464-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2021	12/10/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118723-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/29/2021	12/10/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-102138-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2021	12/10/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118501-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2021	12/10/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117971-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.7	73	Non-Catalytic		11/3/2021	12/10/2021		29.5	3.4	54%	73%	2.1	100%	0%	0.0477	0.0041	0.0436
G-117370-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.7	72	Non-Catalytic		9/22/2021	12/13/2021		2.9	3.4	68%	72%	1.15	100%	0%	0.0026	0.0028	-0.0003
G-117916-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2021	12/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119077-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119538-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/13/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119076-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/13/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119301-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2021	12/13/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-117972-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2021	12/13/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117520-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.4	67	Non-Catalytic	FALSE	10/5/2021	12/14/2021		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118656-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/22/2021	12/14/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119236-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2021	12/14/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-117973-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118787-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119206-A1	Fresno	Open Hearth Fireplace	Gas Insert					10/28/2021	12/14/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119300-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2021	12/14/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119539-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117929-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/4/2021	12/14/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-119223-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic	FALSE	11/4/2021	12/14/2021		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119390-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/5/2021	12/14/2021		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-119444-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118002-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118047-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/14/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118687-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119545-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/16/2021	12/14/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118888-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5	68	Non-Catalytic		11/17/2021	12/14/2021		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-118764-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118906-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	12/14/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119423-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	12/14/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118203-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/14/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-119244-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2021	12/14/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117899-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	TRUE	11/23/2021	12/14/2021		22.7	3.6	7%	71%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-119201-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	11/23/2021	12/14/2021		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118962-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic	TRUE	10/29/2021	12/15/2021		22.7	3	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-116405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113952-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/5/2021	12/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-108692-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116868-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2021	12/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-116712-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118585-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116844-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117661-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116654-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	72	Non-Catalytic	FALSE	10/22/2021	12/16/2021		29.5	4.6	54%	72%	2.61	100%	0%	0.0593	0.0069	0.0524
G-119602-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118513-A1	Merced	Wood-Burning Firebox	Certified Wood Insert	0.72	81	Hybrid	TRUE	10/27/2021	12/16/2021		22.7	1.44	7%	81%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-118502-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/28/2021	12/16/2021		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-118663-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/29/2021	12/16/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-119426-A1	Madera	Freestanding Non-Certified Wood Stove	Certified Wood Insert	1.8	74	Non-Catalytic		10/30/2021	12/16/2021		29.5	3.6	54%	74%	2.61	100%	0%	0.0593	0.0053	0.0540
G-117015-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic		11/1/2021	12/16/2021		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-119322-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic	FALSE	11/1/2021	12/16/2021		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-109362-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118864-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119588-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116073-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116855-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118503-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119589-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2021	12/16/2021		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119795-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119549-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119998-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105283-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108423-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118447-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118591-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119853-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110522-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117632-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-114074-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118504-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117208-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5	65	Non-Catalytic	FALSE	11/10/2021	12/16/2021		29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-115559-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	11/11/2021	12/16/2021		29.5	0.98	54%	63%	2.1	100%	0%	0.0477	0.0014	0.0463
G-113296-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118274-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2021	12/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118620-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119563-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117645-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.4	67	Non-Catalytic	FALSE	11/12/2021	12/16/2021		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-108174-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117914-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2021	12/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119387-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	12/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-113104-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119585-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118364-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2021	12/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118400-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118438-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/16/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119647-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117898-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118632-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118205-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5	69	Non-Catalytic		11/19/2021	12/16/2021		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119912-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2021	12/16/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119959-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2021	12/16/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103952-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/20/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117352-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119869-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2021	12/16/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119016-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2021	12/16/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116826-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic		10/2/2021	12/21/2021		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119029-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120030-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	12/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119631-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic		11/5/2021	12/21/2021		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118815-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120068-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/21/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119075-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	12/21/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-119072-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2021	12/21/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120002-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2021	12/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118623-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	12/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117270-A1	Madera	Non-Certified Pellet Insert	Gas Insert				FALSE	11/24/2021	12/21/2021		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-118293-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2021	12/21/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118368-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	12/21/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-119047-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.1	70	Non-Catalytic	FALSE	10/30/2021	12/22/2021		29.5	4.2	54%	70%	2.09	100%	0%	0.0475	0.0052	0.0423
G-99801-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	11/2/2021	12/22/2021		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-118662-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	73	Non-Catalytic		11/19/2021	12/22/2021		29.5	3.4	54%	73%	2.1	100%	0%	0.0477	0.0041	0.0436
G-117581-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/30/2021	12/22/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102024-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2020	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108138-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105903-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106242-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.9	78	Hybrid		4/5/2021	12/28/2021		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-105513-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113807-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/29/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117163-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2021	12/28/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-113131-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/7/2021	12/28/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-101623-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106360-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116896-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/16/2021	12/28/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-99903-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/21/2021	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-110877-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/25/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119214-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/26/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105999-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107449-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106634-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119676-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2021	12/28/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116894-A1	Tulare	Non-Certified Pellet Insert	Gas Fireplace					11/5/2021	12/28/2021		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-117306-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/7/2021	12/28/2021		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-103645-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106488-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118859-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119045-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105616-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107634-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/9/2021	12/28/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-118899-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.3	74	Catalytic	FALSE	11/9/2021	12/28/2021		29.5	2.6	54%	74%	2.1	100%	0%	0.0477	0.0031	0.0446
G-102241-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	11/10/2021	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112900-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117004-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103586-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120283-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/12/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108900-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116902-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116989-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120338-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113099-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2021	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117262-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116994-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	11/17/2021	12/28/2021		29.5	3.2	54%	73%	2.1	100%	0%	0.0477	0.0038	0.0439
G-120042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120242-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2021	12/28/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-106897-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116874-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/28/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120400-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116821-A1	Stanislaus	Freestanding Non-Certified Pellet Stove	Gas Fireplace				TRUE	11/19/2021	12/28/2021		2.9	0	68%	68%	1.55	54%	44%	0.0019	0.0000	0.0019
G-120245-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115460-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.7	76	Hybrid		11/20/2021	12/28/2021		2.9	3.4	68%	76%	2.09	100%	0%	0.0047	0.0049	-0.0002
G-111138-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-102502-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103967-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117280-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104623-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	0.98	76	Non-Catalytic	FALSE	11/23/2021	12/28/2021		22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-105973-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120154-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2021	12/28/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119590-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110582-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119273-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119872-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	12/28/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-107729-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105783-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	12/28/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107370-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-92907-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	12/28/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115385-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2021	12/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115425-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/9/2021	12/29/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117127-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/5/2021	12/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116608-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118213-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1	68	Non-Catalytic		10/20/2021	12/29/2021		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-116741-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	12/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118876-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted				TRUE	10/26/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119654-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	10/30/2021	12/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119843-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119851-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	11/6/2021	12/29/2021		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-119891-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119889-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	65	Non-Catalytic		11/6/2021	12/29/2021		29.5	3	54%	65%	2.1	100%	0%	0.0477	0.0040	0.0437
G-119754-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.8	60	Non-Catalytic	TRUE	11/8/2021	12/29/2021		22.7	3.6	7%	60%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-104368-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119763-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	12/29/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120142-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119740-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5	65	Non-Catalytic		11/10/2021	12/29/2021		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119073-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	12/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119875-A1	Madera	Non-Certified Wood Insert	Gas Insert					11/11/2021	12/29/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-119198-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic		11/11/2021	12/29/2021		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-119730-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.5	71	Non-Catalytic	FALSE	11/11/2021	12/29/2021		29.5	3	54%	71%	2.1	100%	0%	0.0477	0.0037	0.0440

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-116574-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119208-A1	Kings	Open Hearth Fireplace	Gas Insert					11/15/2021	12/29/2021		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-115099-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119764-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116626-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116656-A1	Madera	Non-Certified Wood Insert	Gas Insert				FALSE	11/18/2021	12/29/2021		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-118988-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2021	12/29/2021		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-120151-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.7		72 Non-Catalytic	FALSE	11/18/2021	12/29/2021		2.9	3.4	68%	72%	2.09	100%	0%	0.0047	0.0052	-0.0005
G-119477-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119445-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.4		77 Non-Catalytic	FALSE	11/20/2021	12/29/2021		2.9	2.8	68%	77%	2.09	100%	0%	0.0047	0.0040	0.0007
G-113951-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/20/2021	12/29/2021		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-114087-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119868-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2021	12/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116131-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	12/29/2021		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116696-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	12/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114778-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115231-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120076-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	12/29/2021		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120014-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2021	12/29/2021		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120147-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2021	12/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	12/29/2021		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117272-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	12/8/2021	12/29/2021		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-109529-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	12/29/2021		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110206-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					8/12/2021	1/3/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118377-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	1/3/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120184-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		11/6/2021	1/3/2022		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-117836-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	1/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117826-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2021	1/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120987-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	1/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119570-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2021	1/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112506-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		77 Non-Catalytic	TRUE	8/11/2021	1/7/2022		29.5	3	54%	77%	1.15	61%	38%	0.0159	0.0012	0.0147
G-102161-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2021	1/7/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112884-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2021	1/7/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110602-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2021	1/7/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119541-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	1/7/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114286-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2021	1/7/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117580-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	1/7/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121104-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2021	1/7/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114452-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	12/6/2021	1/7/2022		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-118769-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	1/7/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121757-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	12/15/2021	1/7/2022		22.7	4.6	7%	72%	0.299465	53%	43%	0.0028	0.0001	0.0027
G-115453-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.78		64 Non-Catalytic	FALSE	12/29/2020	1/10/2022		29.5	1.56	54%	64%	2.1	100%	0%	0.0477	0.0021	0.0456
G-115404-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2021	1/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103537-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2021	1/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-109749-A1	Tulare	Open Hearth Fireplace	Gas Insert					6/5/2021	1/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117401-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.4		77 Non-Catalytic		9/17/2021	1/10/2022		22.7	2.8	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-117576-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	9/30/2021	1/10/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-117291-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111483-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2021	1/10/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-117277-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/14/2021	1/10/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-117347-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	10/22/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105159-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117235-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116289-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119677-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.4		77 Non-Catalytic	TRUE	11/10/2021	1/10/2022		29.5	2.8	54%	77%	2.1	54%	44%	0.0258	0.0019	0.0239
G-112188-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116187-A1	Madera	Wood-Burning Firebox	Gas Insert					11/12/2021	1/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-120126-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-111438-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118845-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/13/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113222-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	11/17/2021	1/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120544-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116533-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2021	1/10/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-120545-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104663-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107383-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	1/10/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-116138-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert					11/22/2021	1/10/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-120515-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-103773-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	1/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120412-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121015-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120518-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120639-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120651-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		70 Non-Catalytic	FALSE	11/24/2021	1/10/2022		29.5	2.6	54%	70%	2.09	100%	0%	0.0475	0.0032	0.0442
G-116786-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		71 Non-Catalytic		11/30/2021	1/10/2022		22.7	3	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-114177-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	1/10/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-114500-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120511-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/1/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121105-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104391-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-102670-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105339-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113729-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117266-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.3		72 Non-Catalytic	FALSE	12/8/2021	1/10/2022		22.7	2.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-109365-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112071-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-114652-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112593-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-116822-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic	FALSE	12/10/2021	1/10/2022		29.5	2.8	54%	77%	2.61	100%	0%	0.0593	0.0039	0.0553
G-106674-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115424-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.2	72	Non-Catalytic		12/14/2021	1/10/2022		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-116853-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2021	1/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121343-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	1/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121682-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122425-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122566-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	1/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-94127-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	1/11/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118814-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic		10/28/2021	1/12/2022		29.5	2.8	54%	77%	1.55	100%	0%	0.0352	0.0023	0.0329
G-118165-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106626-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118725-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118953-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	1/12/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119207-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	11/23/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119026-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117657-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					12/3/2021	1/12/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117944-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117475-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117529-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic	FALSE	12/7/2021	1/12/2022		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-118872-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2021	1/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121542-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	1/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117653-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118494-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117428-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.89	70	Non-Catalytic		12/13/2021	1/12/2022		29.5	1.78	54%	70%	2.1	100%	0%	0.0477	0.0022	0.0455
G-119220-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119078-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2021	1/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121671-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2021	1/12/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122993-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	1/12/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-110997-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/30/2021	1/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-116020-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic		10/28/2021	1/24/2022		29.5	5	54%	70%	2.09	100%	0%	0.0475	0.0062	0.0413
G-119618-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116675-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2021	1/24/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119846-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119586-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119645-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2021	1/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119311-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120029-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	11/12/2021	1/24/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-119861-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	69	Non-Catalytic		11/13/2021	1/24/2022		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-119571-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/17/2021	1/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119871-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2021	1/24/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-119600-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	1/24/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119731-A1	Merced	Wood-Burning Firebox	Gas Fireplace				FALSE	11/24/2021	1/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119850-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2021	1/24/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121294-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	11/24/2021	1/24/2022		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-119802-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	1.5	68	Non-Catalytic	FALSE	11/24/2021	1/24/2022		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119733-A1	Tulare	Wood-Burning Firebox	Certified Pellet Insert	1.5	68	Non-Catalytic		11/29/2021	1/24/2022		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119793-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	1/24/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119854-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/30/2021	1/24/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-121314-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	1/24/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120008-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119661-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119553-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119727-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic		12/7/2021	1/24/2022		29.5	1.98	54%	77%	1.16	100%	0%	0.0263	0.0012	0.0251
G-119609-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121867-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105987-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120686-A1	Tulare	Non-Certified Wood Insert	Gas Insert				FALSE	12/20/2021	1/24/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-121538-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	1/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123296-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	1/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118689-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103497-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2021	1/25/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120586-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	1/25/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120631-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/19/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121191-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted				TRUE	11/19/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120062-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	0.98	76	Non-Catalytic	FALSE	11/22/2021	1/25/2022		22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-120646-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120169-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120231-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120146-A1	Tulare	Wood-Burning Firebox	Certified Pellet Insert	1.5	68	Non-Catalytic	TRUE	11/29/2021	1/25/2022		22.7	3	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0027
G-120461-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120557-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120650-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120308-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	1/25/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121163-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/1/2021	1/25/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-120919-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121002-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121134-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120332-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120657-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121091-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121162-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121166-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121215-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1	76	Non-Catalytic		12/4/2021	1/25/2022		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-120239-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/25/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120945-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121239-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120190-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1	76	Catalytic	FALSE	12/7/2021	1/25/2022		22.7	2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-120241-A1	Tulare	Non-Certified Wood Insert	Gas Insert					12/7/2021	1/25/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-120520-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120668-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121195-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/7/2021	1/25/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-120585-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121380-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120676-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	1/25/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121576-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	1/25/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120982-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	TRUE	12/10/2021	1/25/2022		22.7	4.6	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-121086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121102-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121149-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121694-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	1/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120170-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121678-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2021	1/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120270-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2021	1/25/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-121321-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2021	1/25/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-117052-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117402-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/30/2021	2/8/2022		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-114063-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					10/26/2021	2/8/2022		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-116775-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	10/29/2021	2/8/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119801-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2021	2/8/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120926-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107386-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-96679-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	2/8/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117118-A1	San Joaquin	Wood-Burning Firebox	Gas Insert					12/2/2021	2/8/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-110457-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2021	2/8/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119535-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	2/8/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121319-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	2/8/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118287-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	12/5/2021	2/8/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-112860-A1	Madera	Non-Certified Wood Insert	Gas Insert					12/7/2021	2/8/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-120323-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117247-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116000-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2021	2/8/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-115340-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/21/2021	2/8/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116275-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		77 Non-Catalytic	FALSE	12/22/2021	2/8/2022		29.5	3	54%	77%	2.61	100%	0%	0.0593	0.0042	0.0551
G-106342-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	2/8/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118298-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121194-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.1		79 Hybrid		12/28/2021	2/8/2022		22.7	2.2	7%	79%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-116232-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	2/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115771-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	2/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117583-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	10/28/2021	2/9/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-120128-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119479-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	2/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119544-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119817-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115370-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120028-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119168-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		11/12/2021	2/9/2022		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-120233-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120073-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119641-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120044-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120521-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120319-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	2/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120522-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2021	2/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120512-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2021	2/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120456-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	12/5/2021	2/9/2022		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-120508-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic		12/6/2021	2/9/2022		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-114178-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/7/2021	2/9/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-120573-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120025-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120238-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119864-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120448-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2021	2/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-111944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118004-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120393-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121171-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118709-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2021	2/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120009-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119324-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120234-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120336-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120517-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2021	2/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-112820-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/15/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113292-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120502-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120584-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122274-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118318-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121068-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120551-A1	Kern	Non-Certified Wood Insert	Gas Fireplace				TRUE	12/17/2021	2/9/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-120629-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118201-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120216-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/18/2021	2/9/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-120271-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120579-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	2/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121533-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	2/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-121669-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	2/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119990-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120567-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2021	2/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120210-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2021	2/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121217-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3		74 Catalytic	TRUE	1/10/2022	2/9/2022		22.7	2.6	7%	74%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-121211-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/11/2022	2/9/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-118982-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.4		72 Non-Catalytic		1/13/2022	2/9/2022		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-122352-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2022	2/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-111448-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/30/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117819-A1	Merced	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	10/28/2021	2/10/2022		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-119540-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	11/2/2021	2/10/2022		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-119680-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/11/2021	2/10/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-120652-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117613-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120321-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.5		71 Non-Catalytic	FALSE	12/1/2021	2/10/2022		29.5	3	54%	71%	2.1	100%	0%	0.0477	0.0037	0.0440
G-121776-A1	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.1		76 Non-Catalytic		12/3/2021	2/10/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118516-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	2/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121817-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104244-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121272-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108024-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic	TRUE	12/9/2021	2/10/2022		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-120671-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.4		67 Non-Catalytic	TRUE	12/9/2021	2/10/2022		29.5	2.8	54%	67%	2.1	54%	44%	0.0258	0.0022	0.0236
G-121222-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121275-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2021	2/10/2022		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-117585-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120860-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121574-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121782-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118402-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121190-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121336-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121364-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121675-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121738-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	2/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120670-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.1		76 Non-Catalytic		12/17/2021	2/10/2022		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-119420-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2021	2/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121176-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121787-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121816-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121884-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121783-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/18/2021	2/10/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-117557-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	12/19/2021	2/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118729-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119232-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/20/2021	2/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121106-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120078-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.1		70 Non-Catalytic	FALSE	12/21/2021	2/10/2022		22.7	4.2	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-121312-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121329-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121830-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121900-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116524-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121890-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	2/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121814-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2021	2/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122734-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122754-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121367-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122953-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	2/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124404-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	2/10/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-122753-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	2/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121084-A1	Tulare	Open Hearth Fireplace	Gas Insert					10/11/2021	2/14/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118385-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119652-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2021	2/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118807-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119591-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120394-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121544-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109706-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121666-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic		12/3/2021	2/14/2022		29.5	2.8	54%	74%	2.09	100%	0%	0.0475	0.0033	0.0442
G-101619-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120723-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121071-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121072-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	2/14/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121069-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/10/2021	2/14/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-119264-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120196-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121135-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2021	2/14/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-121620-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120979-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/14/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121059-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121338-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121050-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121063-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121132-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121703-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117492-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2021	2/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121075-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2021	2/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121358-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121648-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121742-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121870-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-120225-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2021	2/14/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-120275-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121355-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121376-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121571-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121649-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	2/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121679-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/22/2021	2/14/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-121344-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119478-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121710-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120457-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121345-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121722-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107638-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121062-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121235-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	12/30/2021	2/14/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-121750-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121755-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119626-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2021	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120192-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2021	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119604-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120058-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120248-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/14/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-121916-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2022	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109538-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120630-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/14/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121852-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/14/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119054-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	11/5/2021	2/15/2022		29.5	3	54%	69%	2.1	61%	38%	0.0290	0.0025	0.0265
G-119407-A1	Kern	Wood-Burning Firebox	Gas Insert				FALSE	11/19/2021	2/15/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119164-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	2/15/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121958-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2021	2/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119865-A1	Fresno	Wood-Burning Firebox	Gas Insert					12/15/2021	2/15/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121974-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119623-A1	San Joaquin	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/16/2021	2/15/2022		14.5785	0	68%	68%	1.15	61%	38%	0.0079	0.0000	0.0079
G-121646-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	2/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121150-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	2/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121791-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	2/15/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121630-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	2/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120540-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/24/2021	2/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118761-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-119269-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	2/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121154-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/30/2021	2/15/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-121760-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	2/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118893-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		1/5/2022	2/15/2022		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121160-A1	Fresno	Non-Certified Wood Insert	Gas Insert					1/5/2022	2/15/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-118415-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2022	2/15/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121545-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	2/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112177-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace					6/9/2021	2/16/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-119856-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118847-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.7		74 Non-Catalytic		11/16/2021	2/16/2022		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-118643-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/17/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114736-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2021	2/16/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-121076-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121976-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122316-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122223-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118686-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122428-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2021	2/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119537-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2021	2/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122700-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/15/2021	2/16/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-121781-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/16/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-122120-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/16/2021	2/16/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-122238-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122618-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102312-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122206-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122304-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111773-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122294-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122527-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122249-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	2/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122295-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/27/2021	2/16/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-122608-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122339-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122347-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121970-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122305-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122423-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/30/2021	2/16/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122312-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2021	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105122-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122349-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2022	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123750-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109679-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122354-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112086-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/6/2022	2/16/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122209-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123594-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123105-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123315-A1	San Joaquin	Certified Wood Insert	Gas Fireplace				TRUE	1/9/2022	2/16/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-101437-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109127-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120342-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		77 Non-Catalytic		1/12/2022	2/16/2022		29.5	3	54%	77%	1.55	100%	0%	0.0352	0.0025	0.0327
G-105482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107824-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/14/2022	2/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122880-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2022	2/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120171-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124076-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122821-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		1/21/2022	2/16/2022		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-122816-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2022	2/16/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122992-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106565-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124149-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	2/16/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-107265-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121060-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2022	2/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105606-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122899-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2022	2/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117141-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	2/16/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-121794-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	2/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122483-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122550-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119685-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2021	2/22/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120513-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2021	2/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120405-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	2/22/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121307-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122239-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2021	2/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120541-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120403-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		12/15/2021	2/22/2022		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-122227-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121637-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/21/2021	2/22/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-116669-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.7		73 Non-Catalytic	TRUE	12/22/2021	2/22/2022		29.5	3.4	54%	73%	2.1	54%	44%	0.0258	0.0025	0.0234
G-121949-A1	Fresno	Non-Certified Wood Insert	Gas Insert					12/23/2021	2/22/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-119475-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5		65 Non-Catalytic		12/28/2021	2/22/2022		2.9	3	68%	65%	2.1	100%	0%	0.0047	0.0051	-0.0004
G-119243-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121963-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122528-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122647-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	2/22/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-122697-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	2/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121283-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2021	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122468-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2021	2/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123005-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2021	2/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116448-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2022	2/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122750-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/3/2022	2/22/2022		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-122901-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2022	2/22/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123009-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	2/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118980-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.7		73 Non-Catalytic		1/5/2022	2/22/2022		29.5	3.4	54%	73%	2.1	100%	0%	0.0477	0.0041	0.0436
G-120996-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122254-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120236-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/6/2022	2/22/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2022	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121901-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	1/7/2022	2/22/2022		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-121947-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/7/2022	2/22/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122513-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/22/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122649-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2022	2/22/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123001-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123007-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2022	2/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123089-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	2/22/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-121246-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	1/10/2022	2/22/2022		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-122203-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	2/22/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122345-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	2/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122246-A1	San Joaquin	Non-Certified Wood Insert	Certified Wood Insert	1.5		69 Non-Catalytic		1/13/2022	2/22/2022		29.5	3	54%	69%	2.1	100%	0%	0.0477	0.0038	0.0439
G-122201-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	2/22/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121568-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	2/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118970-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	1/18/2022	2/22/2022		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-102854-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121019-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2021	2/23/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119650-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	12/15/2021	2/23/2022		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-120316-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2021	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122502-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	12/17/2021	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121788-A1	Merced	Non-Certified Wood Insert	Certified Pellet Insert	1.1		76 Non-Catalytic		12/18/2021	2/23/2022		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-121842-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2021	2/23/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-102739-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120553-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123836-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2022	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102235-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	2/23/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121946-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2022	2/23/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-120897-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/8/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123310-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	2/23/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-123727-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2022	2/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123833-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123872-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123832-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2022	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123669-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123792-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123799-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123835-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	2/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123309-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6		73 Non-Catalytic	FALSE	1/14/2022	2/23/2022		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-124158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123755-A1	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	1/18/2022	2/23/2022		2.9	0	7%	68%	0.299465	100%	0%	0.0007	0.0000	0.0007

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-123804-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117484-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic		2/3/2022	2/23/2022		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-122420-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123178-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	2/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123004-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2022	3/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110722-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2021	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115681-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/23/2021	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115023-A1	Fresno	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove					8/28/2021	3/4/2022		2.9	0	68%	68%	2.09	100%	0%	0.0047	0.0000	0.0047
G-110148-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2021	3/4/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118584-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.4		72 Non-Catalytic		10/18/2021	3/4/2022		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-120328-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic	FALSE	11/12/2021	3/4/2022		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-118633-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2021	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104189-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2021	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122965-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/22/2021	3/4/2022		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-123011-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2021	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109041-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/31/2021	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122879-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123291-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123102-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123293-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122707-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122801-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2022	3/4/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-110051-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118700-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120331-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	3/4/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-122698-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	3/4/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123010-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2022	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-108803-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118113-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123061-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2022	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123245-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/13/2022	3/4/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-103136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122701-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109204-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123171-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120344-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123129-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2022	3/4/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118721-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.89		70 Non-Catalytic		1/20/2022	3/4/2022		29.5	1.78	54%	70%	2.67	100%	0%	0.0606	0.0028	0.0578
G-108269-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2022	3/4/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117837-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117655-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2022	3/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116110-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120396-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2022	3/4/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-115647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120153-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/2/2021	3/8/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-120067-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2021	3/8/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-120886-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	3/8/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120532-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	3/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121051-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	3/8/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122960-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	3/8/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2022	3/8/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121866-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/21/2022	3/8/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-119935-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/8/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119171-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/27/2022	3/8/2022		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-110384-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	10/28/2021	3/9/2022		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-120649-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/17/2021	3/9/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-120250-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2021	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121797-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119849-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2021	3/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122862-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119601-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122904-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123263-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	1/7/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119079-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/8/2022	3/9/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122982-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	3/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122845-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120455-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118958-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120935-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121049-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121937-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/17/2022	3/9/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-122119-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122702-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123264-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118961-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121818-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2022	3/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122350-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123306-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/18/2022	3/9/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121356-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/19/2022	3/9/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-122688-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/19/2022	3/9/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122755-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123121-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121677-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2022	3/9/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122343-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123674-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120507-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122997-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120678-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.5		71 Non-Catalytic	FALSE	1/22/2022	3/9/2022		22.7	3	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121844-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122567-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-122736-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122782-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	1/22/2022	3/9/2022		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-123222-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121186-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123671-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119025-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic	FALSE	1/25/2022	3/9/2022		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-121534-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122313-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2022	3/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122561-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	3/9/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122079-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124339-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2022	3/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119039-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	3/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117295-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic		10/21/2021	3/10/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119862-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2021	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120214-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2021	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115657-A1	Fresno	Wood-Burning Firebox	Freestanding Gas Stove				TRUE	12/8/2021	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117033-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2021	3/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120673-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	12/30/2021	3/10/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121647-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	3/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121726-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	3/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123801-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/10/2022	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122344-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122573-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122087-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123943-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120194-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122605-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2022	3/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123976-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121061-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/18/2022	3/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-123726-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	3/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123734-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123840-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123884-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124312-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2022	3/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125066-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-87935-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/10/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-124073-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123786-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123907-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	3/10/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-124308-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.4	67	Non-Catalytic		1/24/2022	3/10/2022		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-123851-A1	San Joaquin	Non-Certified Pellet Insert	Gas Fireplace				TRUE	1/25/2022	3/10/2022		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-122751-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124151-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	3/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121271-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123711-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	3/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124423-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	3/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-115714-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/28/2022	3/10/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123042-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124039-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118803-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123767-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121792-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2022	3/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121097-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2022	3/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123051-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123873-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120932-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic		2/4/2022	3/10/2022		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121601-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	3/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120274-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	3/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111720-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace					8/18/2021	3/16/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-115102-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.5	70	Non-Catalytic		9/24/2021	3/16/2022		29.5	5	54%	70%	1.55	100%	0%	0.0352	0.0046	0.0306
G-117851-A1	Fresno	Non-Certified Pellet Insert	Certified Wood Insert	1.8	74	Non-Catalytic		10/20/2021	3/16/2022		2.9	3.6	68%	74%	2.1	100%	0%	0.0047	0.0053	-0.0007
G-120046-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2021	3/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118841-A1	Madera	Non-Certified Wood Insert	Freestanding Certified Wood Stove	1.4	74	Non-Catalytic		11/15/2021	3/16/2022		29.5	2.8	54%	74%	2.1	100%	0%	0.0477	0.0033	0.0444
G-115358-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	11/18/2021	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120514-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2021	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105750-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2	72	Non-Catalytic	FALSE	12/2/2021	3/16/2022		29.5	4	54%	72%	2.61	100%	0%	0.0593	0.0060	0.0533
G-120072-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2021	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119468-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2021	3/16/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-119070-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120047-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.4	72	Non-Catalytic	FALSE	12/13/2021	3/16/2022		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-108541-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/14/2021	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121316-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2021	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119166-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2021	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120207-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123906-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	3/16/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-123728-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124087-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124183-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/26/2022	3/16/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124361-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	3/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-113660-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123785-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124321-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125062-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124028-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	1/29/2022	3/16/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-123964-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124092-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124245-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2022	3/16/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-124256-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124329-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-124427-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120464-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	0.72		81 Hybrid	TRUE	2/1/2022	3/16/2022		22.7	1.44	7%	81%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-123606-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123805-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2022	3/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124416-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/1/2022	3/16/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-125244-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125285-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2022	3/16/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-112770-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124382-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124411-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122711-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124559-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120509-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122482-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/4/2022	3/16/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-122585-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124082-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124654-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124429-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123900-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	2/7/2022	3/16/2022		2.9	3	68%	65%	2.1	100%	0%	0.0047	0.0051	-0.0004
G-119074-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124040-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124426-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2022	3/16/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124156-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	2/9/2022	3/16/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-124552-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	3/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119373-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123787-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	2/11/2022	3/16/2022		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-123899-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124515-A1	Tulare	Wood-Burning Firebox	Gas Insert					2/11/2022	3/16/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118440-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2022	3/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125578-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2022	3/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123807-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	3/17/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121118-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.4		72 Non-Catalytic	TRUE	12/11/2021	3/23/2022		22.7	4.8	7%	72%	0.299465	61%	38%	0.0032	0.0001	0.0031
G-121131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119027-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2021	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118856-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2021	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120580-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	12/29/2021	3/23/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-122807-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121826-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120340-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106905-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121053-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2022	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120168-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123099-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	3/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120915-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123314-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122353-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125387-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117795-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122909-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/11/2022	3/23/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-121373-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118395-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122983-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2022	3/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121165-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/16/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122836-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2022	3/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125877-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2022	3/23/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-117312-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/30/2021	3/24/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118884-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2021	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120506-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic	TRUE	11/18/2021	3/24/2022		22.7	3	7%	69%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-117126-A1	Kern	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove				TRUE	12/17/2021	3/24/2022		2.9	0	68%	68%	1.57	31%	51%	0.0011	0.0000	0.0011
G-103805-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122731-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124075-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114996-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	1/21/2022	3/24/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123802-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	3/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125021-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124623-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	2/2/2022	3/24/2022		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-125190-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2022	3/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124526-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125198-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	2/3/2022	3/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122437-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	3/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125162-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	3/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124661-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125147-A1	Madera	Open Hearth Fireplace	Gas Insert					2/5/2022	3/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-125290-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2022	3/24/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-125027-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	2/7/2022	3/24/2022		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-125194-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125887-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2022	3/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125276-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic	FALSE	2/7/2022	3/24/2022		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-124655-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124588-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		71 Non-Catalytic	FALSE	2/9/2022	3/24/2022		29.5	3	54%	71%	2.61	100%	0%	0.0593	0.0046	0.0547
G-125445-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	3/24/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125468-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125627-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	1.8		75 Non-Catalytic		2/10/2022	3/24/2022		22.7	3.6	7%	75%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-125284-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125446-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2022	3/24/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-90420-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2022	3/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124333-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/26/2022	3/24/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-126244-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	3/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2022	3/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119258-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2021	4/6/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-123131-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2022	4/6/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121365-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121871-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	4/6/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120879-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2022	4/6/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122580-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125026-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118701-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121865-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2022	4/6/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122234-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123790-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123955-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125573-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2022	4/6/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-122758-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122837-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125011-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121082-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3		70 Non-Catalytic		2/15/2022	4/6/2022		22.7	2.6	7%	70%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-122603-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2022	4/6/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122727-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/16/2022	4/6/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123947-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2022	4/6/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124419-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/6/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125688-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	4/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117754-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.1		77 Non-Catalytic		10/6/2021	4/12/2022		29.5	2.2	54%	77%	2.61	100%	0%	0.0593	0.0031	0.0562
G-118724-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.4		77 Non-Catalytic	TRUE	10/13/2021	4/12/2022		22.7	2.8	7%	77%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-119578-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/18/2021	4/12/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106101-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/22/2021	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111810-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2021	4/12/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-117652-A1	Kern	Wood-Burning Firebox	Gas Insert				FALSE	12/15/2021	4/12/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121879-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-106734-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	4/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123294-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117519-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	4/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117775-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace				TRUE	2/8/2022	4/12/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-116959-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/15/2022	4/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125472-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2022	4/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125088-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2022	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115959-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/18/2022	4/12/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-124145-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115310-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2022	4/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107803-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2021	4/13/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112146-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					5/24/2021	4/13/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-112318-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2021	4/13/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-112276-A1	Madera	Non-Certified Wood Insert	Gas Fireplace					9/1/2021	4/13/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-115268-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/18/2021	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118398-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/22/2021	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113156-A1	Fresno	Freestanding Certified Pellet Stove	Gas Fireplace				TRUE	12/20/2021	4/13/2022		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-121295-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2021	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120627-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.3		74 Catalytic		12/27/2021	4/13/2022		22.7	2.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-122737-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120024-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2022	4/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125010-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	4/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122193-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120045-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/2/2022	4/13/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118505-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/5/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118667-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2022	4/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125020-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2022	4/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125195-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	4/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-125351-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125085-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	2/9/2022	4/13/2022		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-125579-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	4/13/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121764-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125142-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123797-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125864-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	4/13/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122903-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic		2/19/2022	4/13/2022		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-125263-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	4/13/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-126081-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	4/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126086-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	4/13/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125677-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118661-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.1		66 Non-Catalytic		2/23/2022	4/13/2022		29.5	2.2	54%	66%	2.1	100%	0%	0.0477	0.0029	0.0448
G-125475-A1	Tulare	Non-Certified Wood Insert	Gas Insert					3/1/2022	4/13/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-126385-A1	Merced	Non-Certified Pellet Insert	Certified Pellet Insert	0.49		63 Non-Catalytic	FALSE	3/1/2022	4/13/2022		2.9	0.98	68%	63%	2.1	100%	0%	0.0047	0.0017	0.0030
G-125569-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2022	4/13/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-126842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2022	4/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111910-A1	Kings	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	10/21/2021	4/14/2022		29.5	0	54%	68%	1.16	48%	48%	0.0125	0.0000	0.0125
G-119393-A1	Tulare	Non-Certified Wood Insert	Heat Pump - Ductless					10/30/2021	4/14/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-120882-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.5		69 Non-Catalytic		12/16/2021	4/14/2022		29.5	3	54%	69%	2.1	100%	0%	0.0477	0.0038	0.0439
G-123006-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2021	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122625-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123800-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125101-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113778-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117515-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121718-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121869-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125161-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2022	4/14/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-125474-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-125076-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125530-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/12/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119858-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125922-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125947-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126069-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125384-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	2/17/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119384-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122955-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123082-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124077-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/18/2022	4/14/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-126088-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/19/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121903-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124036-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125014-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119804-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125449-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125641-A1	Tulare	Freestanding Non-Certified Pellet Stove	Freestanding Gas Stove					2/24/2022	4/14/2022		2.9	0	68%	68%	2.4	100%	0%	0.0054	0.0000	0.0054
G-126378-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112962-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119245-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126401-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126013-A1	Fresno	Non-Certified Wood Insert	Gas Insert					2/26/2022	4/14/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-126700-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2022	4/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-117793-A1	Merced	Open Hearth Fireplace	Gas Fireplace				TRUE	11/28/2021	4/15/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-121827-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2021	4/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122225-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2021	4/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120188-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2022	4/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122122-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic		2/2/2022	4/15/2022		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121378-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	4/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122471-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/17/2022	4/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126191-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121605-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/30/2021	4/18/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123791-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2022	4/18/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-123806-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2022	4/18/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121381-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/11/2022	4/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121119-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2022	4/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124510-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	4/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120727-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2022	4/18/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-122306-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2022	4/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122446-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.3		74 Catalytic	FALSE	12/29/2021	4/19/2022		22.7	2.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-119686-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2022	4/20/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122601-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124159-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/27/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124544-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123014-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123676-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2022	4/20/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124249-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	1/31/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103154-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122804-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	4/20/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125116-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124084-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	2/7/2022	4/20/2022		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-123951-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124247-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123122-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114222-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	2/14/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-118350-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/15/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126068-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121975-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124666-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123942-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124060-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	4/20/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124167-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122547-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125019-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115000-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2022	4/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118782-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	4/20/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124089-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	4/20/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-124403-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2022	4/20/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121306-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124535-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125289-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2022	4/20/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124401-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124514-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124678-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120247-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/28/2022	4/20/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123830-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126203-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124316-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126631-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	4/20/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123109-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125495-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2022	4/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126796-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	3/2/2022	4/20/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-124366-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2022	4/21/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122443-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	4/21/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-124375-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/17/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125855-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120352-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123088-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-124545-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2022	4/21/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-125664-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125925-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122103-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125515-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125518-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125550-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	4/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124388-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125016-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2022	4/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126924-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace				TRUE	3/4/2022	4/21/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-118634-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	10/27/2021	4/25/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118642-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68 Non-Catalytic	TRUE	11/15/2021	4/25/2022		29.5	3	54%	68%	2.1	53%	43%	0.0254	0.0023	0.0232
G-121828-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	4/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-88681-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2022	4/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123977-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	1/15/2022	4/25/2022		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-123090-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2022	4/25/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122854-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/22/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123262-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2022	4/25/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-124648-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2022	4/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125120-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted				TRUE	2/17/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125651-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	2/26/2022	4/25/2022		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-123043-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125878-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105534-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125880-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.7		74 Non-Catalytic	FALSE	3/3/2022	4/25/2022		29.5	3.4	54%	74%	2.09	100%	0%	0.0475	0.0040	0.0435
G-121005-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123047-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125856-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126844-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126202-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2022	4/25/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-126280-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127167-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2022	4/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-104521-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/8/2022	4/27/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-106556-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	4/27/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106628-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2022	4/27/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-95847-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	4/27/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125265-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2022	4/27/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-108131-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2021	4/28/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-120877-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2021	4/28/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120931-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	4/28/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-124165-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	4/28/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123898-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2022	4/28/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-120023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	4/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125605-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2022	4/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121665-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic	TRUE	4/2/2022	4/28/2022		22.7	0.98	7%	63%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-106136-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	2/2/2021	5/2/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-120345-A1	Merced	Non-Certified Wood Insert	Certified Wood Insert	2		72 Non-Catalytic		12/16/2021	5/2/2022		29.5	4	54%	72%	2.1	100%	0%	0.0477	0.0049	0.0429
G-121914-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2021	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123093-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123837-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120905-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121583-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	2/2/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121584-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123972-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112096-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				FALSE	2/10/2022	5/2/2022		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-125566-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124311-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove					2/11/2022	5/2/2022		29.5	0	54%	68%	2.4	100%	0%	0.0545	0.0000	0.0545
G-125483-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124428-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	5/2/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123695-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	2/22/2022	5/2/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125470-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126106-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126670-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116567-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122846-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/7/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123297-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	5/2/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123247-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	0.98		76 Non-Catalytic		3/8/2022	5/2/2022		29.5	1.96	54%	76%	2.1	100%	0%	0.0477	0.0023	0.0454
G-106931-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124100-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126252-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/9/2022	5/2/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-123882-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120944-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2022	5/2/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2022	5/2/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107679-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/15/2021	5/3/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-121784-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122565-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	2.3		72 Non-Catalytic		1/14/2022	5/3/2022		29.5	4.6	54%	72%	2.1	100%	0%	0.0477	0.0056	0.0421
G-124609-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126016-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/11/2022	5/3/2022		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-114411-A1	San Joaquin	Non-Certified Wood Insert	Gas Fireplace				FALSE	3/3/2022	5/3/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-126584-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	5/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110091-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116872-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105597-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126824-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112331-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/30/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106581-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2022	5/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105167-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2022	5/4/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-122843-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2022	5/4/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125508-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2022	5/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-103680-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122358-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	2/23/2022	5/4/2022		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-122127-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/25/2022	5/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123301-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/2/2022	5/4/2022		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-123075-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/4/2022	5/4/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-126011-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2022	5/4/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123307-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2022	5/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124656-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/8/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125658-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125666-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2022	5/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114538-A1	Fresno	Freestanding Certified Wood Stove	Gas Fireplace				TRUE	3/10/2022	5/4/2022		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-124136-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2022	5/4/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126105-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2022	5/4/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121066-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/12/2022	5/4/2022		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-117268-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2021	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121313-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic		12/10/2021	5/5/2022		22.7	2.2	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121621-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2021	5/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122812-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2021	5/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120174-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	1/3/2022	5/5/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-118111-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2022	5/5/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-125650-A1	San Joaquin	Certified Wood Insert	Gas Fireplace				FALSE	2/16/2022	5/5/2022		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-122093-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125885-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125341-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/11/2022	5/5/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-123628-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117424-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/15/2022	5/5/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125423-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2022	5/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125998-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122128-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2022	5/5/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124409-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/16/2022	5/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126084-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/16/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-113718-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126577-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/5/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-118843-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2022	5/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114399-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	10/27/2022	5/5/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-101104-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/3/2021	5/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-110182-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2021	5/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122131-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic	TRUE	11/30/2021	5/9/2022		22.7	2.2	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121124-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	5/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120176-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	1/8/2022	5/9/2022		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-122407-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2022	5/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123114-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/19/2022	5/9/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-95616-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/22/2022	5/9/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-121322-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	2/14/2022	5/9/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-120335-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2022	5/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124096-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2022	5/9/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-124465-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2022	5/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122990-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2022	5/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124253-A1	Tulare	Certified Wood Insert	Gas Fireplace				TRUE	3/12/2022	5/9/2022		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-118015-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/15/2022	5/9/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127180-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/16/2022	5/9/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-122629-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2022	5/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127595-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2022	5/9/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113017-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2022	5/9/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118369-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/22/2021	5/10/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123673-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2022	5/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121905-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118877-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	2/10/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124458-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2022	5/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-125596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124462-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2022	5/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126923-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2022	5/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-127123-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2022	5/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126825-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2022	5/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127119-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2022	5/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127414-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124010-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126827-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/10/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-124513-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2022	5/10/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125458-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/18/2022	5/10/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-126620-A1	Fresno	Freestanding Certified Wood Stove	Gas Insert				FALSE	3/18/2022	5/10/2022		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-127407-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123092-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	3/21/2022	5/10/2022		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-123901-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125193-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126962-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126221-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2022	5/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128498-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	4/21/2022	5/10/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125262-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	5/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126292-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2022	5/11/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126071-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	3/2/2022	5/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125663-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	5/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126012-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2022	5/11/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123746-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/14/2022	5/11/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-124378-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	3/17/2022	5/11/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-125487-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/11/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125024-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2022	5/11/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-125507-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2022	5/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125087-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2022	5/11/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122140-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/28/2022	5/13/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-126245-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2022	5/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107047-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124090-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	3/22/2022	5/13/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-127534-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2022	5/13/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-123107-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/13/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-122250-A1	Merced	Open Hearth Fireplace	Gas Insert					1/7/2022	5/16/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121607-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/22/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121159-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122411-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126083-A1	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	3/4/2022	5/16/2022		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-126920-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125558-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/11/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127459-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120252-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	3/22/2022	5/16/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-126623-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127872-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2022	5/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121206-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					3/23/2022	5/16/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-126803-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/16/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-127398-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2022	5/16/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124425-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2022	5/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127517-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	3/25/2022	5/16/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-127402-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/26/2022	5/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123265-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2022	5/16/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122324-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2022	5/16/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123904-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2022	5/17/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-126465-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	3/1/2022	5/17/2022		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-127183-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2022	5/17/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-122247-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic		3/25/2022	5/17/2022		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-121948-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2022	5/17/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126627-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2022	5/17/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127743-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2022	5/17/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122413-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2022	5/17/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127157-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2022	5/17/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-105050-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	3/31/2022	5/17/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-113212-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/10/2021	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116058-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic	TRUE	10/7/2021	5/18/2022		22.7	1.56	7%	64%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-115584-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.89		70 Non-Catalytic	FALSE	10/29/2021	5/18/2022		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-123304-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2022	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124464-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	0.5		78 Hybrid		2/2/2022	5/18/2022		29.5	1	54%	78%	2.4	100%	0%	0.0545	0.0013	0.0532
G-123945-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	2/7/2022	5/18/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123961-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2022	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125388-A1	Fresno	Freestanding Certified Pellet Stove	Gas Fireplace				FALSE	2/23/2022	5/18/2022		2.9	0	68%	68%	2.09	100%	0%	0.0047	0.0000	0.0047
G-116744-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.7		73 Non-Catalytic	FALSE	3/7/2022	5/18/2022		29.5	3.4	54%	73%	2.1	100%	0%	0.0477	0.0041	0.0436
G-119321-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2022	5/18/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122436-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	3/16/2022	5/18/2022		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-126222-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/18/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124108-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126713-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/24/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127390-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127615-A1	Tulare	Open Hearth Fireplace	Gas Insert					3/24/2022	5/18/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-126742-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124384-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117900-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/29/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122297-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122871-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	3/30/2022	5/18/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-126038-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127705-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	3/31/2022	5/18/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125626-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2022	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125942-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127404-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2022	5/18/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125886-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/6/2022	5/18/2022		29.5	0	54%	68%	2.61	33%	57%	0.0198	0.0000	0.0198
G-127122-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2022	5/18/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127199-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic		4/7/2022	5/18/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-117834-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2022	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120904-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2022	5/18/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122412-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/8/2022	5/18/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-125025-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2022	5/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125022-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2022	5/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-105467-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127400-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2022	5/19/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-121058-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	3/31/2022	5/19/2022		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-128573-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	4/8/2022	5/19/2022		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-116873-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	9/1/2021	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120934-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2021	5/23/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121572-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/11/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124587-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2022	5/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104281-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	5/23/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-125389-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/25/2022	5/23/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-117411-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					3/8/2022	5/23/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-125598-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2022	5/23/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-124417-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125312-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/28/2022	5/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126230-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122988-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127477-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/1/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126449-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/4/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120294-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/7/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-126944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122477-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic		4/11/2022	5/23/2022		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-124383-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2022	5/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127005-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/11/2022	5/23/2022		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-122950-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2022	5/23/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-129067-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2022	5/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-119924-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	12/15/2021	5/24/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-102151-A1	Merced	Non-Certified Wood Insert	Gas Insert				FALSE	12/20/2021	5/24/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-125660-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted				TRUE	2/15/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124305-A1	Madera	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic	FALSE	2/18/2022	5/24/2022		2.9	3.6	68%	71%	2.61	100%	0%	0.0058	0.0069	-0.0011
G-120315-A1	Madera	Wood-Burning Firebox	Gas Fireplace				FALSE	2/25/2022	5/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119162-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126052-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	3/24/2022	5/24/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-126907-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128399-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127348-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/4/2022	5/24/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120240-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2022	5/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127755-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128798-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2022	5/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127340-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/8/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116052-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-116901-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2022	5/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-115025-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/12/2022	5/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122325-A1	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.8	60	Non-Catalytic	FALSE	4/13/2022	5/24/2022		22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-122785-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125694-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2022	5/24/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-128579-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126257-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2022	5/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129720-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5	71	Non-Catalytic	FALSE	4/15/2022	5/24/2022		29.5	3	54%	71%	2.09	100%	0%	0.0475	0.0037	0.0438
G-125616-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127690-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2022	5/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122825-A1	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	4/18/2022	5/24/2022		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-116769-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2022	5/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119275-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	3/24/2022	5/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120597-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2022	5/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111759-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2022	5/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129701-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2022	5/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129000-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2022	5/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-109352-A1	Madera	Wood-Burning Firebox	Gas Fireplace					10/5/2021	5/26/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-121003-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124093-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	5/26/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-128451-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124553-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127531-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2022	5/26/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-129193-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/12/2022	5/26/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127399-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127482-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2022	5/26/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127073-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2022	5/26/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129877-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/19/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125324-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/21/2022	5/26/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-126614-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129036-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2022	5/26/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120946-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2022	5/26/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-130076-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2022	5/26/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126738-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2022	5/27/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127313-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/18/2022	5/27/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124418-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.4	77	Non-Catalytic		4/19/2022	5/27/2022		29.5	2.8	54%	77%	2.1	100%	0%	0.0477	0.0032	0.0445
G-129545-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/19/2022	5/27/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123664-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.7	78	Non-Catalytic	FALSE	4/25/2022	5/27/2022		29.5	1.4	54%	78%	2.1	100%	0%	0.0477	0.0016	0.0461
G-106611-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/3/2021	6/10/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123952-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2022	6/10/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-124415-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2022	6/10/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127428-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2022	6/10/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131329-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2022	6/10/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-115753-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2021	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121147-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2021	6/13/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120990-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.3	70	Non-Catalytic	TRUE	12/17/2021	6/13/2022		22.7	2.6	7%	70%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-120718-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	6/13/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123607-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124486-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124487-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104713-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122479-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119820-A1	San Joaquin	Freestanding Non-Certified Pellet Stove	Freestanding Certified Wood Stove	1.2	78	Catalytic	FALSE	3/18/2022	6/13/2022		2.9	2.4	68%	78%	1.15	100%	0%	0.0026	0.0019	0.0007
G-116957-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	3/24/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105751-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119919-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125077-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/30/2022	6/13/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125063-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	3/31/2022	6/13/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-126080-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-118830-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2022	6/13/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125979-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2022	6/13/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-119883-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1	73	Non-Catalytic	TRUE	4/14/2022	6/13/2022		29.5	2	54%	73%	2.1	54%	44%	0.0258	0.0014	0.0244
G-125281-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2022	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-129476-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2022	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-100772-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124355-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126050-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-99448-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119374-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.5	75	Non-Catalytic	TRUE	4/29/2022	6/13/2022		29.5	3	54%	75%	2.1	53%	43%	0.0254	0.0021	0.0234

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-119411-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120179-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2022	6/13/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126390-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/29/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122410-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2022	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118842-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	5/3/2022	6/13/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-121007-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2022	6/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120936-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/21/2021	6/14/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-118202-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				FALSE	3/23/2022	6/14/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-124435-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2022	6/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120583-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2022	6/14/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-126733-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	3/30/2022	6/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-127138-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		71 Non-Catalytic		4/8/2022	6/14/2022		29.5	2.6	54%	71%	2.4	100%	0%	0.0545	0.0037	0.0509
G-127338-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/9/2022	6/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-103765-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	4/14/2022	6/14/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127418-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/2/2022	6/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121251-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2022	6/14/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129376-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2022	6/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127532-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2022	6/15/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-129262-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130182-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127590-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/24/2022	6/15/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-129132-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130246-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2022	6/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127721-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128570-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130514-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129264-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	4/28/2022	6/15/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-129466-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2022	6/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-129573-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2022	6/15/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-129700-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2022	6/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-129406-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2022	6/15/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-127539-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2022	6/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122211-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2022	6/21/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124160-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2022	6/21/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-124139-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	2/25/2022	6/21/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118040-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	3/3/2022	6/21/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-118878-A1	Stanislaus	Non-Certified Wood Insert	Gas Fireplace				TRUE	3/25/2022	6/21/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-127561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128448-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2022	6/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127131-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129168-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2022	6/21/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-130792-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121193-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.3		76 Catalytic	TRUE	5/11/2022	6/21/2022		22.7	2.6	7%	76%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-122540-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131259-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	5/11/2022	6/21/2022		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-127759-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2022	6/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128520-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123953-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/2/2022	6/21/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-127143-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/4/2022	6/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117023-A1	Fresno	Certified Pellet Insert	Gas Insert				FALSE	10/6/2021	6/22/2022		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-122146-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic	FALSE	12/17/2021	6/22/2022		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-124359-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121645-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-112564-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118439-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace				TRUE	3/18/2022	6/22/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-117636-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.8		74 Non-Catalytic		4/20/2022	6/22/2022		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-130039-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic		4/22/2022	6/22/2022		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-117738-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122555-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127582-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127204-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	5/5/2022	6/22/2022		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-120249-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/6/2022	6/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-130805-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/7/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125884-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130619-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119437-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2022	6/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-95559-A2	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	5/12/2022	6/22/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-131599-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	5/17/2022	6/22/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-131790-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		77 Non-Catalytic		5/17/2022	6/22/2022		29.5	3	54%	77%	2.61	100%	0%	0.0593	0.0042	0.0551
G-130915-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/18/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131609-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2022	6/22/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122263-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic	FALSE	5/19/2022	6/22/2022		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-106988-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121056-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/25/2022	6/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125029-A1	Tulare	Wood-Burning Firebox	Freestanding Certified Wood Stove	1.5		69 Non-Catalytic		2/10/2022	6/23/2022		22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-126094-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126291-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120795-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120465-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/19/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128419-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122467-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/6/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129215-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2022	6/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125665-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3		72 Non-Catalytic		5/13/2022	6/23/2022		22.7	2.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-131339-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127139-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/20/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130437-A1	Tulare	Non-Certified Wood Insert	Gas Fireplace				TRUE	5/20/2022	6/23/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-131491-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/20/2022	6/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122863-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/21/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127089-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2022	6/23/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-131413-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-122937-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130317-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2022	6/23/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-120466-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130743-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2022	6/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-131970-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2022	6/23/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-126678-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	5/27/2022	6/23/2022		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-127171-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126743-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/28/2022	6/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122143-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2022	6/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123299-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2022	6/28/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123100-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2022	6/28/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-124344-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	3/3/2022	6/28/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-127613-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/29/2022	6/28/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123772-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	3/29/2022	6/28/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-127003-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2022	6/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125421-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2022	6/28/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-126624-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2022	6/28/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122703-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	5/18/2022	6/28/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-126806-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2022	6/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127437-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/23/2022	6/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118987-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	6/2/2022	6/28/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-124325-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/4/2022	6/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127565-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2022	6/28/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124491-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/11/2022	6/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129880-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2022	6/29/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-130184-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/22/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129239-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/23/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130581-A1	Fresno	Open Hearth Fireplace	Gas Insert					5/26/2022	6/29/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-132190-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129618-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130618-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	6/1/2022	6/29/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-131321-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8		71 Non-Catalytic		6/2/2022	6/29/2022		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-130438-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131660-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/4/2022	6/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132024-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	6/6/2022	6/29/2022		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-132368-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2022	6/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119188-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2021	7/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127616-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2022	7/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124690-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2022	7/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122533-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2022	7/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122414-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2022	7/5/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/6/2022	7/8/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129180-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	6/7/2022	7/8/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-126676-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2022	7/8/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-127409-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2022	7/8/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-131999-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2022	7/8/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-132176-A1	Tulare	Wood-Burning Firebox	Gas Insert					6/14/2022	7/8/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119678-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	0.89		70 Non-Catalytic	TRUE	11/18/2021	7/12/2022		29.5	1.78	54%	70%	2.1	54%	44%	0.0258	0.0013	0.0245
G-118669-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2021	7/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-120134-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2021	7/12/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123058-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2021	7/12/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-108719-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.93		73 Catalytic		1/4/2022	7/12/2022		22.7	1.86	7%	73%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122757-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-114862-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/14/2022	7/12/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-123248-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/21/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127339-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	4/1/2022	7/12/2022		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-125960-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126073-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129665-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/13/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125316-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/16/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125957-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/16/2022	7/12/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-129469-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	5/27/2022	7/12/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-119375-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/2/2022	7/12/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-131766-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131518-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2022	7/12/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-123987-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/11/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125563-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/13/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132773-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/16/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133107-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/16/2022	7/12/2022		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-133438-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	6/18/2022	7/12/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-114898-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122772-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.4		74 Non-Catalytic	FALSE	6/21/2022	7/12/2022		29.5	2.8	54%	74%	1.15	100%	0%	0.0261	0.0018	0.0243
G-131611-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125012-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.9		78 Hybrid		6/23/2022	7/12/2022		22.7	3.8	7%	78%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-124565-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117215-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121613-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		71 Non-Catalytic	FALSE	6/27/2022	7/12/2022		29.5	3.2	54%	71%	1.15	100%	0%	0.0261	0.0022	0.0240
G-123101-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	7/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133183-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	7/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-115675-A1	Tulare	Open Hearth Fireplace	Gas Insert					6/28/2022	7/12/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-133447-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	6/28/2022	7/12/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-133600-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/28/2022	7/12/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-133523-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2022	7/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123066-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2022	7/20/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130406-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/13/2022	7/20/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-102778-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/9/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123224-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129224-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2022	7/21/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125411-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128474-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2022	7/21/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-124600-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129663-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128495-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121795-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/27/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123087-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/10/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132927-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2022	7/21/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-131227-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2022	7/21/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-128373-A1	Stanislaus	Non-Certified Pellet Insert	Gas Fireplace					6/20/2022	7/21/2022		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-123677-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/21/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128574-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132988-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2022	7/21/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-91215-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2022	7/21/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-132677-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/28/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127472-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133167-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/30/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133574-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125492-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.5		69 Non-Catalytic		7/1/2022	7/21/2022		29.5	3	54%	69%	2.4	100%	0%	0.0545	0.0043	0.0502
G-125325-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/1/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126799-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132726-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107839-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/2/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134269-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	7/6/2022	7/21/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122208-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	7/7/2022	7/21/2022		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-130220-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2022	7/21/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134453-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125230-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/9/2022	7/21/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-119668-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2022	8/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125018-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2022	8/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119841-A1	Fresno	Non-Certified Pellet Insert	Gas Fireplace				TRUE	5/5/2022	8/19/2022		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-125606-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2022	8/19/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126994-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				FALSE	7/8/2022	8/19/2022		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-125522-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	7/23/2022	8/19/2022		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-122887-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122355-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127563-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	5/9/2022	8/22/2022		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-125398-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	5/16/2022	8/22/2022		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-132003-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	5/20/2022	8/22/2022		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-131724-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123127-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126748-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131629-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129804-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	6/17/2022	8/22/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-133171-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/17/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130913-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133476-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2022	8/22/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-131490-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/2/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133508-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2022	8/22/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-132183-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/7/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122763-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134861-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/8/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131923-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/11/2022	8/22/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133521-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/11/2022	8/22/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-135694-A1	Stanislaus	Certified Wood Insert	Gas Insert					7/29/2022	8/22/2022		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-119284-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.7		74 Non-Catalytic		1/7/2022	8/23/2022		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-126082-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2022	8/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128517-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2022	8/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126744-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/6/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129015-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/7/2022	8/23/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-132835-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2022	8/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132225-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122951-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134708-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125065-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	7/13/2022	8/23/2022		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-134449-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/13/2022	8/23/2022		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-113387-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/14/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125437-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/14/2022	8/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-133376-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2022	8/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-132363-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2022	8/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-135297-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/23/2022	8/23/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-133945-A1	San Joaquin	Non-Certified Pellet Insert	Gas Insert				FALSE	7/28/2022	8/23/2022		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-135205-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135251-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2022	8/23/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134034-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2022	8/23/2022		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-133465-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2022	8/23/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123682-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2022	8/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124508-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	6/2/2022	8/24/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122570-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2022	8/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124251-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2022	8/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-121825-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/5/2022	8/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128371-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/15/2022	8/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2022	8/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120988-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.7		78 Non-Catalytic	FALSE	7/19/2022	8/24/2022		22.7	1.4	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-112948-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2022	8/24/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2022	8/24/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122648-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2022	8/24/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-128800-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131998-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/31/2022	8/25/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-130571-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2022	8/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2022	8/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133021-A1	Tulare	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	7/15/2022	8/25/2022		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-134493-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2022	8/25/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-128734-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126442-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Gas Fireplace					7/25/2022	8/25/2022		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
G-131534-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2022	8/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134693-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2022	8/25/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125457-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128417-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125565-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130964-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2022	8/25/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128729-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/14/2022	9/14/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135693-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	8/3/2022	9/14/2022		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-135319-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2022	9/14/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-137545-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/20/2022	9/14/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124179-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/4/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-119294-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2022	9/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130963-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	0.67		81 Hybrid		5/16/2022	9/15/2022		22.7	1.34	7%	81%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-132050-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	6/17/2022	9/15/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124671-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	7/13/2022	9/15/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-132203-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/13/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132983-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/13/2022	9/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132376-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/27/2022	9/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132785-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/27/2022	9/15/2022		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-135509-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/29/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127416-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2022	9/15/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-130080-A1	Merced	Freestanding Non-Certified Pellet Stove	Freestanding Certified Pellet Stove	1.8		76 Non-Catalytic	FALSE	8/4/2022	9/15/2022		2.9	3.6	68%	76%	2.67	100%	0%	0.0060	0.0066	-0.0007
G-123305-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135483-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126964-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2022	9/15/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123595-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2022	9/15/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-113229-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2022	9/28/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136378-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/13/2022	9/28/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136359-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8		71 Non-Catalytic		8/24/2022	9/28/2022		29.5	3.6	54%	71%	1.55	100%	0%	0.0352	0.0033	0.0319
G-122257-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2022	9/29/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125653-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2022	9/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122259-A1	Fresno	Open Hearth Fireplace	Gas Insert					4/30/2022	9/29/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-123883-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/11/2022	9/29/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-125642-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.2		68 Catalytic		5/13/2022	9/29/2022		22.7	2.4	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-122545-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	5/20/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129178-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	5/20/2022	9/29/2022		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-105619-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	1		73 Non-Catalytic	FALSE	6/7/2022	9/29/2022		22.7	2	7%	73%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118302-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133173-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	9/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133371-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2022	9/29/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-129661-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	7/20/2022	9/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132727-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125208-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2022	9/29/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122884-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/22/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132204-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	7/22/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133679-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2022	9/29/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121644-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107556-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/4/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129470-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2022	9/29/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-129767-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2022	9/29/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126862-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2022	9/29/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138217-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	9/2/2022	9/29/2022		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-120654-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2021	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121317-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2022	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122242-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/29/2022	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129104-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		72 Non-Catalytic	FALSE	5/30/2022	10/3/2022		29.5	4.6	54%	72%	2.61	100%	0%	0.0593	0.0069	0.0524
G-131442-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	6/23/2022	10/3/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-133485-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	6/29/2022	10/3/2022		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-121702-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133040-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	8/10/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135855-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/10/2022	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136064-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/10/2022	10/3/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-136176-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	8/11/2022	10/3/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-134839-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/19/2022	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136373-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130272-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/20/2022	10/3/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-86836-A1	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	8/21/2022	10/3/2022		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-130522-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2022	10/3/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133944-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132826-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126736-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/10/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126447-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/17/2022	10/3/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123688-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3		78 Catalytic	FALSE	4/21/2022	10/12/2022		29.5	2.6	54%	78%	1.15	100%	0%	0.0261	0.0016	0.0245
G-131320-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	5/24/2022	10/12/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-135392-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					7/21/2022	10/12/2022		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-134450-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	7/26/2022	10/12/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-129927-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	7/28/2022	10/12/2022		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-123881-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				FALSE	7/28/2022	10/12/2022		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-136335-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/12/2022	10/12/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-132819-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2022	10/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125322-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2022	10/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136374-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2022	10/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138074-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2022	10/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134973-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/23/2022	10/12/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125023-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/26/2022	10/12/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122291-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2021	10/13/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-123896-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	6/9/2022	10/13/2022		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-120644-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/17/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133355-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/18/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132680-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133168-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125032-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-114633-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121064-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.7		73 Non-Catalytic		8/8/2022	10/13/2022	22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-136357-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic		8/17/2022	10/13/2022	29.5	3.2	54%	73%	1.55	100%	0%	0.0352	0.0028	0.0324
G-137761-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/18/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131768-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136149-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136361-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127621-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136455-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	8/25/2022	10/13/2022	29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-122085-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/26/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133496-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	8/26/2022	10/13/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-138596-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49		63 Non-Catalytic		8/27/2022	10/13/2022	22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-134297-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-110787-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/31/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125238-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/2/2022	10/13/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136366-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.98		76 Non-Catalytic		9/3/2022	10/13/2022	22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-135854-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2022	10/13/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-89710-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2022	10/13/2022	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122689-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2022	10/13/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122481-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					2/10/2022	10/14/2022	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-130250-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	6/7/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134265-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	7/6/2022	10/14/2022	2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-114307-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/11/2022	10/14/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132210-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/19/2022	10/14/2022	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-133941-A1	Stanislaus	Freestanding Certified Wood Stove	Gas Fireplace				TRUE	8/30/2022	10/14/2022	14.5785	0	68%	68%	1.55	54%	44%	0.0094	0.0000	0.0094
G-133948-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129226-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2022	10/14/2022	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-132375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135550-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/2/2022	10/14/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-139235-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/6/2022	10/14/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-139540-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131412-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133057-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/8/2022	10/14/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-138733-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2022	10/14/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-123244-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2022	10/14/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122504-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124420-A1	Tulare	Wood-Burning Firebox	Gas Insert					3/8/2022	11/21/2022	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-127549-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/2/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135393-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	7/23/2022	11/21/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126741-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121161-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/10/2022	11/21/2022	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-124485-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/8/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138855-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2022	11/21/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125348-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	9/25/2022	11/21/2022	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-128649-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/27/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134294-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2022	11/21/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138383-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.3		76 Catalytic		10/5/2022	11/21/2022	22.7	2.6	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-140356-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2022	11/21/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140944-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic		10/14/2022	11/21/2022	22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-120359-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2021	11/22/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131405-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	8/16/2022	11/22/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135770-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2022	11/22/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-137547-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2022	11/22/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-136632-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/14/2022	11/22/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-130595-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2022	11/22/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136456-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2022	11/22/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-104040-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2022	11/22/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139536-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2022	11/29/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121670-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2021	12/1/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-124532-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/17/2022	12/1/2022	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-133337-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/15/2022	12/1/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123721-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/30/2022	12/1/2022	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-135441-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	8/8/2022	12/1/2022	29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-135248-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/17/2022	12/1/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-135557-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2022	12/1/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-136367-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.5		69 Non-Catalytic		8/25/2022	12/1/2022	22.7	3	7%	69%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-135765-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	8/29/2022	12/1/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-108075-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2022	12/1/2022	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-134507-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2022	12/1/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135030-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/1/2022	12/1/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-135553-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	9/1/2022	12/1/2022	29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-130916-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	9/7/2022	12/1/2022	29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-135294-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2022	12/1/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-138096-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.4		67 Non-Catalytic		9/8/2022	12/1/2022	29.5	2.8	54%	67%	2.1	100%	0%	0.0477	0.0036	0.0441
G-139734-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/9/2022	12/1/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124257-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/10/2022	12/1/2022	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-139231-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	9/14/2022	12/1/2022	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-140174-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	9/14/2022	12/1/2022	22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-109017-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2022	12/1/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133528-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/16/2022	12/1/2022	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-136328-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/16/2022	12/1/2022	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-138941-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2022	12/1/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-103917-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2022	12/1/2022	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-133079-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/19/2022	12/1/2022	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-139894-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace					9/19/2022	12/1/2022	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-125036-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/20/2022	12/1/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-127181-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138095-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	9/21/2022	12/1/2022		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-126282-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2022	12/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117577-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove					9/23/2022	12/1/2022		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-137548-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2022	12/1/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-139510-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2022	12/1/2022		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-126635-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/26/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126856-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/27/2022	12/1/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126009-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/28/2022	12/1/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-130512-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	9/29/2022	12/1/2022		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-138894-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2022	12/1/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-135856-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2022	12/1/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-134234-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	10/6/2022	12/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-134451-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122546-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141384-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2022	12/1/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126801-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2022	12/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140783-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/9/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140905-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141279-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2022	12/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129735-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2022	12/1/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-135966-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140212-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2022	12/1/2022		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-134345-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2022	12/1/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128796-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141627-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139827-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141842-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2022	12/1/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128487-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	9/22/2022	12/5/2022		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-127431-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/8/2022	12/5/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132813-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/9/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141741-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138514-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2022	12/19/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-132085-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140959-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	0.49		63 Non-Catalytic		10/14/2022	12/19/2022		29.5	0.98	54%	63%	2.1	100%	0%	0.0477	0.0014	0.0463
G-140750-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139986-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141513-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	12/19/2022		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126253-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141380-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141859-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140133-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139987-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	10/26/2022	12/19/2022		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-125691-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141308-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141055-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126927-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142524-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142856-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142348-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142918-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141720-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130197-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	12/19/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145479-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	12/19/2022		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142305-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2022	12/27/2022		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-137549-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/29/2022	1/3/2023		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-125933-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122264-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2022	1/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140128-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/8/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131944-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	10/10/2022	1/3/2023		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
G-138466-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/11/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-126929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2022	1/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141288-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2022	1/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140426-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic		10/12/2022	1/3/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-141538-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138724-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2022	1/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141385-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2022	1/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140791-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141176-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136137-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic		10/17/2022	1/3/2023		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-140864-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2022	1/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126843-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129673-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-130180-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140544-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141281-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-141390-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/18/2022	1/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140910-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	1/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141640-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2022	1/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-141382-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic		10/21/2022	1/3/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-141755-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2022	1/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-115690-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					8/31/2021	1/5/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-127417-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139622-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	9/23/2022	1/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-136268-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125564-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139704-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.4		77 Non-Catalytic		10/8/2022	1/5/2023		22.7	2.8	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-140909-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2022	1/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-140925-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2022	1/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-141245-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2022	1/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-140869-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/17/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140556-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2022	1/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140811-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140984-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	1/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142034-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-116237-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140965-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	10/24/2022	1/5/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-140392-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141177-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/25/2022	1/5/2023		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-141719-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-137745-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141278-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2022	1/5/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142512-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139289-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-140795-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140992-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142537-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140188-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2022	1/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133940-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/23/2022	1/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126176-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2022	1/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138856-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/10/2022	1/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140037-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	10/25/2022	1/6/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-139538-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	10/26/2022	1/6/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-142280-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142463-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	1/6/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-142279-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2022	1/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141835-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2022	1/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141860-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2022	1/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140368-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2022	1/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141275-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	11/2/2022	1/6/2023		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-142474-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2022	1/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141836-A1	Fresno	Freestanding Certified Wood Stove	Gas Insert				TRUE	11/3/2022	1/6/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-142311-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	1/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142383-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142546-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142617-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142044-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142072-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2022	1/6/2023		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-143220-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	11/5/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-141386-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	11/9/2022	1/6/2023		22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-107675-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	1/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142754-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	1/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141389-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2022	1/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141751-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2022	1/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-123065-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	11/14/2022	1/6/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-124442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2022	1/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134504-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2022	1/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143286-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2022	1/11/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-126740-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2022	1/11/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-135904-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	9/2/2022	1/12/2023		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-142380-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	1/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-135322-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2022	1/25/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144062-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2022	1/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121324-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2022	1/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139985-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/7/2022	1/26/2023		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-142441-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2022	1/26/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-142381-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	1/26/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-141773-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/8/2022	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142045-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141722-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141864-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2022	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129174-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146244-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	1/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121965-A1	Madera	Freestanding Certified Pellet Stove	Heat Pump - Ducted/Packaged					1/11/2022	1/30/2023		2.9	0	68%	68%	2.61	100%	0%	0.0058	0.0000	0.0058
G-116641-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/13/2022	1/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-128901-A1	Fresno	Certified Wood Insert	Gas Insert					8/9/2022	1/30/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-135653-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/24/2022	1/30/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-125400-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/25/2022	1/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-134262-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2022	1/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-124254-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107823-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140637-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140018-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	1.1		76 Non-Catalytic		10/27/2022	1/30/2023		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-139604-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/28/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-134560-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2022	1/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-138220-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4		77 Non-Catalytic		11/2/2022	1/30/2023		29.5	2.8	54%	77%	2.67	100%	0%	0.0606	0.0040	0.0566
G-139043-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	1/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-141402-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140982-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3		72 Non-Catalytic	FALSE	11/3/2022	1/30/2023		29.5	4.6	54%	72%	1.15	100%	0%	0.0261	0.0031	0.0231
G-132679-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142313-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	1/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141246-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic		11/9/2022	1/30/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-142371-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/10/2022	1/30/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-140036-A1	Fresno	Certified Wood Insert	Gas Insert					11/11/2022	1/30/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-143218-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141280-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/14/2022	1/30/2023		29.5	0	54%	68%	2.4	53%	43%	0.0291	0.0000	0.0291
G-106890-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139563-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	11/15/2022	1/30/2023		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-139800-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142055-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.99	77	Non-Catalytic	FALSE	11/16/2022	1/30/2023		29.5	1.98	54%	77%	2.09	100%	0%	0.0475	0.0022	0.0452
G-142854-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2022	1/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142189-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144663-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	1/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-143885-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142877-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144984-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49	63	Non-Catalytic		12/11/2022	1/30/2023		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144100-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123666-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125567-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	1/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142317-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	1/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146299-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2022	1/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-119413-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/9/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126085-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-137331-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5	79	Non-Catalytic		9/19/2022	2/1/2023		29.5	3	54%	79%	1.15	100%	0%	0.0261	0.0018	0.0243
G-122834-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140343-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/7/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141591-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-139833-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138939-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2022	2/1/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-121831-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	10/27/2022	2/1/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-140565-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140249-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140366-A1	Fresno	Certified Wood Insert	Gas Insert					10/31/2022	2/1/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-141180-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142623-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143221-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139826-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6	71	Non-Catalytic		11/3/2022	2/1/2023		29.5	3.2	54%	71%	2.4	100%	0%	0.0545	0.0045	0.0500
G-141736-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127688-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/4/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135115-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142336-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142635-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/4/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141863-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/5/2022	2/1/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-142482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138297-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140034-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/9/2022	2/1/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-141241-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143254-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.5	71	Non-Catalytic		11/9/2022	2/1/2023		22.7	3	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-141837-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/11/2022	2/1/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-143516-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142169-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127106-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140812-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2022	2/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142132-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141927-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic		11/16/2022	2/1/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-142053-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142520-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142616-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143430-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144331-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144440-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142534-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144265-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143343-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144145-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144393-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141750-A1	Madera	Non-Certified Wood Insert	Gas Insert					11/21/2022	2/1/2023		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-142070-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142622-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143223-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143280-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144223-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144299-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	2/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144990-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141289-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-143451-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143884-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144858-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144404-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144526-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144664-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144873-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2022	2/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144394-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142750-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic	FALSE	11/30/2022	2/1/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144058-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144255-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145229-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	12/7/2022	2/1/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-134611-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/9/2022	2/1/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-144832-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145482-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2022	2/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142462-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142340-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146093-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/16/2022	2/1/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-146527-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144350-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/19/2022	2/1/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-145074-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	12/28/2022	2/1/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-143432-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-144194-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	2/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-135088-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2023	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146824-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	2/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125266-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/16/2022	2/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-122562-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131387-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted				TRUE	10/12/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140850-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140301-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.4	67	Non-Catalytic	FALSE	10/25/2022	2/2/2023		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-128858-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	10/27/2022	2/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-119673-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.8	74	Non-Catalytic	TRUE	10/31/2022	2/2/2023		29.5	3.6	54%	74%	2.1	53%	43%	0.0254	0.0025	0.0229
G-115879-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138389-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2022	2/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141444-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140849-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2022	2/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	2/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-141998-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-126545-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					11/9/2022	2/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-142807-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125946-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic	FALSE	11/10/2022	2/2/2023		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-122302-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142657-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2022	2/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-126456-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143045-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/11/2022	2/2/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-144211-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142811-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	11/12/2022	2/2/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-144252-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.5	75	Non-Catalytic	FALSE	11/12/2022	2/2/2023		22.7	3	7%	75%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-141303-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143316-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142526-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.5	71	Non-Catalytic		11/14/2022	2/2/2023		29.5	3	54%	71%	2.1	100%	0%	0.0477	0.0037	0.0440
G-143309-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131323-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-141780-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143887-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	2/2/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-140543-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic		11/17/2022	2/2/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-140744-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2022	2/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144378-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	11/20/2022	2/2/2023		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122517-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/21/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142168-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	11/22/2022	2/2/2023		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-144217-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	11/22/2022	2/2/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-144409-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic		11/22/2022	2/2/2023		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-131465-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140990-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/23/2022	2/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-143434-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/23/2022	2/2/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-144161-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144844-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-120647-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144248-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144405-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142866-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	11/28/2022	2/2/2023		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-144612-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141467-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	2/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142935-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2022	2/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144871-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/30/2022	2/2/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-144430-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144777-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144911-A1	Tulare	Open Hearth Fireplace	Gas Insert					12/5/2022	2/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-143882-A1	Fresno	Open Hearth Fireplace	Gas Insert					12/12/2022	2/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145316-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2022	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145488-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic		12/19/2022	2/2/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145543-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	2/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120317-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142133-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/19/2022	2/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-130499-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133220-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129405-A1	Fresno	Non-Certified Wood Insert	Freestanding Certified Wood Stove	1.6	71	Non-Catalytic		11/12/2022	2/3/2023		29.5	3.2	54%	71%	2.1	100%	0%	0.0477	0.0039	0.0438
G-140440-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143429-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	2/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-135032-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/23/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-136003-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-139837-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-105962-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-127318-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/28/2022	2/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-141639-A1	Madera	Non-Certified Wood Insert	Gas Insert				FALSE	11/28/2022	2/3/2023		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-143035-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120503-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125940-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142319-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/29/2022	2/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-124177-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140813-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	2/3/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-140964-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141304-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145133-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-141981-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142735-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	2/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138627-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	2/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140113-A1	Kings	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	11/1/2022	2/6/2023		14.5785	0	68%	68%	1.16	48%	48%	0.0062	0.0000	0.0062
G-141871-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141990-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	11/9/2022	2/6/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-125279-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	11/15/2022	2/6/2023		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-140177-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144257-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140717-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	2/6/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-144174-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	11/22/2022	2/6/2023		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-144835-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129664-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/29/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144229-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144601-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144781-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2022	2/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144133-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted/Packaged				TRUE	11/30/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144139-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/30/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144915-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143866-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144339-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2022	2/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144648-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144815-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145156-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/2/2022	2/6/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-144735-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145691-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2022	2/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144855-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141562-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.5		79 Non-Catalytic	FALSE	12/5/2022	2/6/2023		29.5	3	54%	79%	1.15	100%	0%	0.0261	0.0018	0.0243
G-143302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144418-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144659-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144665-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	2/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-140976-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144867-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144870-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2022	2/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142683-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145622-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2022	2/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144603-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/9/2022	2/6/2023		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-106604-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2022	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145847-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	2/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147940-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2023	2/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144129-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2022	2/7/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145317-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2022	2/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144227-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	2/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142473-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2022	2/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144010-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2022	2/9/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-133169-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	2/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143883-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	2/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144414-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144441-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144582-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/2/2022	2/9/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-143357-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144085-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144410-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144438-A1	Fresno	Wood-Burning Firebox	Gas Insert					12/8/2022	2/9/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-140987-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143262-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	2/9/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-144182-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144604-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/9/2022	2/9/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144413-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2022	2/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144406-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2022	2/9/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144507-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	12/13/2022	2/9/2023		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-144792-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	2/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-133495-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122144-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	9/9/2022	2/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-133988-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2022	2/13/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-129699-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	10/30/2022	2/13/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-140865-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	11/3/2022	2/13/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-134362-A1	Fresno	Freestanding Certified Pellet Stove	Gas Fireplace				TRUE	11/7/2022	2/13/2023		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-143925-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2022	2/13/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142256-A1	Stanislaus	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	11/17/2022	2/13/2023		14.5785	0	68%	68%	1.55	54%	44%	0.0094	0.0000	0.0094
G-143460-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143953-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-118045-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143929-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144236-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144011-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144633-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144650-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143890-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2022	2/13/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144880-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144084-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145097-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141862-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144354-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	12/7/2022	2/13/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-144989-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132925-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/8/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143305-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143461-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145032-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		12/8/2022	2/13/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-126995-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/9/2022	2/13/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-144848-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144878-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144895-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/9/2022	2/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145359-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.5		75 Non-Catalytic	FALSE	12/9/2022	2/13/2023		22.7	3	7%	75%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-132836-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144147-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	12/10/2022	2/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-145246-A1	Madera	Open Hearth Fireplace	Gas Insert					12/12/2022	2/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144422-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144864-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142459-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143359-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	2/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142630-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141975-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	12/17/2022	2/13/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-145205-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2022	2/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144423-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	12/22/2022	2/13/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-144089-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2022	2/14/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144908-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144242-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145624-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144584-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5		65 Non-Catalytic		12/7/2022	2/14/2023		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145240-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.89		70 Non-Catalytic		12/9/2022	2/14/2023		22.7	1.78	7%	70%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145042-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144736-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145250-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145253-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	2/14/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145309-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145734-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	12/13/2022	2/14/2023		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-144298-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144772-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144923-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145288-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145630-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145865-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146277-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145314-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145655-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2022	2/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146276-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145839-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2		64 Non-Catalytic	FALSE	12/15/2022	2/14/2023		22.7	2.4	7%	64%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145096-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145321-A1	Kings	Certified Wood Insert	Gas Insert				TRUE	12/16/2022	2/14/2023		14.5785	0	68%	68%	2.1	48%	48%	0.0112	0.0000	0.0112
G-145709-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146045-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2022	2/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146401-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2022	2/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144913-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/19/2022	2/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147594-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	2/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144997-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2023	2/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-139032-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	9/8/2022	3/1/2023		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-120516-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141410-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-107704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144733-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2022	3/1/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-142686-A1	Fresno	Certified Wood Insert	Gas Insert					11/28/2022	3/1/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-142511-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142842-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144400-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145552-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143418-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2022	3/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-143438-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2022	3/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144107-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144321-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/14/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144723-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145259-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2022	3/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144154-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	3/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144786-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146395-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2022	3/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144250-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2022	3/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145496-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/17/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145756-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5		68 Non-Catalytic		12/17/2022	3/1/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144341-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic		12/19/2022	3/1/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-140319-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/19/2022	3/1/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-143145-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145285-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145560-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143860-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/1/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-144900-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145432-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145920-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124663-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142255-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144722-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145039-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	12/22/2022	3/1/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-145196-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144372-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147022-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	3/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142378-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-138904-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2022	3/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142050-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.7		74 Non-Catalytic		10/28/2022	3/2/2023		29.5	3.4	54%	74%	2.4	100%	0%	0.0545	0.0046	0.0499
G-142465-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2022	3/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142454-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131739-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.8		74 Non-Catalytic		11/9/2022	3/2/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-142310-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2022	3/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-135851-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142376-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1		76 Catalytic	FALSE	11/18/2022	3/2/2023		22.7	2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-143447-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-129558-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/23/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142264-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.2		66 Non-Catalytic	FALSE	11/29/2022	3/2/2023		22.7	2.4	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-122783-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	11/30/2022	3/2/2023		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121262-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125410-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/2/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-145200-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141901-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142486-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140546-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120388-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1	73	Non-Catalytic	TRUE	12/15/2022	3/2/2023		22.7	2	7%	73%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-141240-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	3/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142001-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132276-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146278-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/2/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-146399-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108246-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	12/22/2022	3/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-136212-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2022	3/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144334-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132833-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/2/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-146397-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146490-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2022	3/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142377-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2022	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144912-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/29/2022	3/2/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-141907-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2023	3/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-106544-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2023	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130549-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2023	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146643-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141868-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ductless				TRUE	1/6/2023	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144805-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	3/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147541-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	3/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149256-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2023	3/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148901-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149171-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	3/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144270-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/18/2022	3/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144348-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	3/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-142932-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/28/2022	3/3/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-144496-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2022	3/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144727-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144731-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143306-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic		12/6/2022	3/3/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-144784-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2022	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145060-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic		12/7/2022	3/3/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-142809-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145772-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143074-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-104934-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144756-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145749-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	3/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-143416-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144919-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144814-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5	68	Non-Catalytic		12/17/2022	3/3/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145356-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144391-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143927-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144447-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144521-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145176-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/20/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145318-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144655-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144750-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2022	3/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144910-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-143880-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145578-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145184-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/23/2022	3/3/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-145485-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145508-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145727-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/23/2022	3/3/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-145247-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	12/27/2022	3/3/2023		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-143892-A1	Stanislaus	Open Hearth Fireplace	Gas Insert					12/28/2022	3/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144788-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143970-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145347-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145701-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145751-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142652-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145201-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145491-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2022	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145667-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145670-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145676-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2022	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142564-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142852-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145368-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/3/2023	3/3/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-144991-A1	Tulare	Wood-Burning Firebox	Gas Insert					1/4/2023	3/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145158-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2023	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145569-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2023	3/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145714-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/4/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144836-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	3/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145603-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2023	3/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144140-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-144484-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144680-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	3/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145775-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144856-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2023	3/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144098-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/10/2023	3/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-109023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144983-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146297-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145855-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146123-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146185-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146398-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	3/6/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-146510-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	12/19/2022	3/6/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-146094-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/6/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-146333-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146414-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146474-A1	San Joaquin	Certified Pellet Insert	Gas Insert				TRUE	12/22/2022	3/6/2023		2.9	0	68%	68%	2.1	61%	38%	0.0029	0.0000	0.0029
G-145850-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145974-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146391-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146421-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146496-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142538-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146102-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146111-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2022	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146783-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146108-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2022	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146341-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2022	3/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146392-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146688-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146793-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146136-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2022	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146237-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2023	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146325-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/3/2023	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146528-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2023	3/6/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145923-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146785-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2023	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146168-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2023	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146472-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148441-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	3/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146627-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147147-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2023	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149767-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146460-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	3/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148689-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150204-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	3/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148453-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/18/2023	3/6/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-129873-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/4/2022	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122279-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2022	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133715-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142760-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141994-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2022	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145898-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2022	3/7/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146181-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/26/2022	3/7/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142315-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/3/2023	3/7/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146935-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2023	3/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122135-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/9/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127806-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/20/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-131734-A1	Tulare	Freestanding Certified Wood Stove	Freestanding Gas Stove					8/6/2022	3/15/2023		14.5785	0	68%	68%	2.4	100%	0%	0.0269	0.0000	0.0269
G-144403-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		12/14/2022	3/15/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145215-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145043-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145210-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144585-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/31/2022	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146338-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	3/15/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-140549-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2023	3/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145286-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2023	3/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145674-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2023	3/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145921-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2023	3/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142751-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2023	3/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145260-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2023	3/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145241-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.2		80 Hybrid		1/11/2023	3/15/2023		22.7	2.4	7%	80%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145698-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	3/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145948-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	3/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146459-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	3/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148950-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2023	3/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120538-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	12/29/2022	3/22/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-90802-A2	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2020	3/23/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-138343-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2022	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142934-A1	San Joaquin	Certified Wood Insert	Gas Insert				FALSE	11/23/2022	3/23/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-144693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144141-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2022	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144337-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2022	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-141904-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121006-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140961-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144909-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143858-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144573-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2022	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-107411-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/19/2022	3/23/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-121667-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144732-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145663-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145431-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		12/21/2022	3/23/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-135611-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145730-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122918-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144622-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145494-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145236-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/28/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145957-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144854-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145493-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/31/2022	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145778-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	1/3/2023	3/23/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-143406-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145403-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145504-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145922-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/5/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142481-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/6/2023	3/23/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-142839-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/6/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144634-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144623-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/9/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145372-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	1/9/2023	3/23/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-145621-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/10/2023	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144869-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	1/11/2023	3/23/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-144996-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124185-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace					1/12/2023	3/23/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144605-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/23/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144834-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145895-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	2.3		73 Non-Catalytic	FALSE	1/12/2023	3/23/2023		29.5	4.6	54%	73%	2.1	100%	0%	0.0477	0.0055	0.0422
G-142042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144195-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144399-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/13/2023	3/23/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-145953-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146589-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147128-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-120297-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/15/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145484-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2023	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145851-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2023	3/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-131876-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/17/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145854-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/17/2023	3/23/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-121553-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2023	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145932-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146180-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2023	3/23/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-145840-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	3/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-125647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	3/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148065-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	3/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-129431-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/21/2022	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140187-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145960-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2022	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146083-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146275-A1	Tulare	Open Hearth Fireplace	Gas Insert					1/4/2023	3/27/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-146055-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146727-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/7/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146898-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/9/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146684-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147018-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147199-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	1/11/2023	3/27/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-147230-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2023	3/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147236-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146091-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146250-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/12/2023	3/27/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-146521-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146710-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/27/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-146716-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147202-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/27/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146028-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146110-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146991-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146724-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2023	3/27/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-147231-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2023	3/27/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-144336-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146323-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146940-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147951-A1	San Joaquin	Open Hearth Fireplace	Certified Pellet Insert	1.1		66 Non-Catalytic	FALSE	1/16/2023	3/27/2023		22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-139489-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2023	3/27/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-146719-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/17/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146511-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147200-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148095-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148355-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147223-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142374-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149864-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/17/2023	3/27/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-148611-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148855-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	3/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150317-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	3/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144894-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	3/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150079-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	3/29/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-119598-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2022	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-123106-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/9/2022	3/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-114563-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145185-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/4/2023	3/30/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145287-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145992-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/4/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128666-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/7/2023	3/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142924-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/12/2023	3/30/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-145570-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146686-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	3/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-122756-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/14/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107950-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146738-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/16/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147900-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122944-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143041-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146293-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148058-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	3/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146375-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121973-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147191-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148439-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/5/2023	3/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146536-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143029-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147291-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2023	3/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151232-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2023	3/30/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148599-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2023	3/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-106315-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2022	4/3/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-139882-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	9/27/2022	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143448-A1	Fresno	Open Hearth Fireplace	Gas Insert					11/10/2022	4/3/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-142561-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8		71 Non-Catalytic		11/12/2022	4/3/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144654-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2022	4/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144240-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2022	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145381-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2022	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145604-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2022	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146315-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144987-A1	Kern	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	12/22/2022	4/3/2023		14.5785	0	68%	68%	1.57	31%	51%	0.0054	0.0000	0.0054
G-141537-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/26/2022	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144986-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2022	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146246-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146150-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145243-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/10/2023	4/3/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-147243-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	4/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-144850-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145350-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146116-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146429-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	4/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146502-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148049-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/13/2023	4/3/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146112-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/15/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-134753-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146257-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/16/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147904-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/17/2023	4/3/2023		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-145959-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Split				TRUE	1/17/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145934-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2023	4/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148121-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2023	4/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148151-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/18/2023	4/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-146737-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148092-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-109932-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142052-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142514-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145492-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145568-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146020-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147648-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146561-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146902-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/3/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-148068-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148110-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144301-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144303-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145856-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147403-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148325-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148556-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/23/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142186-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/24/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147358-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2023	4/3/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-147430-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2023	4/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-147604-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148424-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146103-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146569-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146720-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	4/3/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-117544-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-137895-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144877-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147067-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2023	4/3/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-148342-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148709-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.1		66 Non-Catalytic	FALSE	1/26/2023	4/3/2023		22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-146332-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147120-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/27/2023	4/3/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-144985-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/29/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144721-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146173-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135835-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149160-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148528-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2023	4/3/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147847-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2023	4/3/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-150229-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2023	4/3/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151230-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2023	4/3/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142870-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2022	4/4/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144343-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	11/30/2022	4/4/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144787-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-130509-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2022	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145628-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	12/30/2022	4/4/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-146790-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145694-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146830-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/5/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145949-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146506-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/11/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145208-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/12/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145672-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146696-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148056-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/19/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148324-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144376-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145500-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146591-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146820-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146990-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141728-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147190-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147007-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142850-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144599-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/4/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144816-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148449-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147157-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148524-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/28/2023	4/4/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149078-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/29/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148837-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148851-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144392-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146305-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/31/2023	4/4/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-149294-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144860-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145762-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145361-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2023	4/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151673-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/12/2023	4/4/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-146491-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146080-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	1/1/2023	4/5/2023		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-148131-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146957-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	4/5/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-148301-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148136-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1		76 Non-Catalytic		1/19/2023	4/5/2023		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-146419-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147072-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147644-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	1/20/2023	4/5/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-147126-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/21/2023	4/5/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-148057-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/23/2023	4/5/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-146899-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/24/2023	4/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147567-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/24/2023	4/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145985-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/25/2023	4/5/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-148050-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148346-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/25/2023	4/5/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-146088-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146489-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/26/2023	4/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146729-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145990-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2023	4/5/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147634-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	1/27/2023	4/5/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-147778-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148011-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147304-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147560-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/5/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148970-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148992-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146906-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	1/31/2023	4/5/2023		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-147173-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147400-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148230-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148255-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148750-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149077-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	4/5/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148966-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic	FALSE	1/31/2023	4/5/2023		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-147804-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149154-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149261-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2023	4/5/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146047-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/5/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146413-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/2/2023	4/5/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-147144-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/5/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148123-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	2/2/2023	4/5/2023	14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-148137-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148256-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/2/2023	4/5/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148751-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2023	4/5/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146334-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-148018-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148140-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148302-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148745-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148953-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149238-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146076-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148393-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149172-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	2/4/2023	4/5/2023	2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-147703-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/5/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-148285-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144142-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	11/28/2022	4/13/2023	14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-104804-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/13/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145690-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	4/13/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147558-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	4/13/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147564-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/13/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148303-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2023	4/13/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150214-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2023	4/13/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149161-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	4/13/2023	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-151440-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	4/13/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121681-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2022	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142810-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2022	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142773-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/19/2022	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122900-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2022	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-133166-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	12/28/2022	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143291-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2022	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143433-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/2/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-134058-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/4/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147472-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-127738-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146702-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147316-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/21/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146823-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/17/2023	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-148072-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	4/17/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145357-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	1/24/2023	4/17/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-145312-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/25/2023	4/17/2023	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-120986-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/26/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144767-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	1/26/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149207-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/26/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-126984-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144383-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/27/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146779-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/27/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148812-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147306-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.4		77 Non-Catalytic		1/30/2023	4/17/2023	22.7	2.8	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-146340-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	1/31/2023	4/17/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148070-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	4/17/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145803-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/1/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146450-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145489-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146479-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147686-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					2/2/2023	4/17/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-144075-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.2		77 Hybrid	FALSE	2/3/2023	4/17/2023	29.5	2.4	54%	77%	2.61	100%	0%	0.0593	0.0034	0.0559
G-145790-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146775-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149179-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147066-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148127-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-137328-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145695-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/17/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146794-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147970-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2023	4/17/2023	29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-146726-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		2/7/2023	4/17/2023	22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-146126-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146700-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147622-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148332-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148353-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144666-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/8/2023	4/17/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-148172-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2023	4/17/2023	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-148270-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149605-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142718-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2023	4/17/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147264-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	2/9/2023	4/17/2023	29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-148753-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149623-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146056-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147017-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147446-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147478-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/10/2023	4/17/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-148180-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149675-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	2/10/2023	4/17/2023	14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-149793-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149880-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/17/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-148560-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2023	4/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149097-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2023	4/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149842-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	4/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149563-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122534-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	4/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149542-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/4/2023	4/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150124-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/25/2023	4/20/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-144533-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144239-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	12/13/2022	4/24/2023		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145367-A1	Fresno	Open Hearth Fireplace	Gas Insert					1/3/2023	4/24/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-102845-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/23/2023	4/24/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147189-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/23/2023	4/24/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-118621-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/25/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143356-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.78		64 Non-Catalytic		1/25/2023	4/24/2023		22.7	1.56	7%	64%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-147035-A1	Madera	Non-Certified Wood Insert	Gas Insert				TRUE	1/26/2023	4/24/2023		29.5	0	54%	68%	2.1	33%	57%	0.0159	0.0000	0.0159
G-126765-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	1/27/2023	4/24/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-146937-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146908-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145141-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148954-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145139-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146992-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	2/3/2023	4/24/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-147005-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/24/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-117783-A1	Tulare	Open Hearth Fireplace	Gas Insert					2/6/2023	4/24/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-143232-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144371-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149215-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/7/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144254-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147011-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	2/8/2023	4/24/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-146434-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146470-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142659-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	2/14/2023	4/24/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-144737-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145217-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145623-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143047-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	4/24/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145406-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147169-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145388-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146175-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147404-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147182-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140182-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-140924-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	2/21/2023	4/24/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-146241-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2023	4/24/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-149662-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2023	4/24/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150959-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148946-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150087-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142427-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/19/2023	4/24/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150451-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	4/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152802-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2023	4/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149042-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2023	4/24/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-148323-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	4/24/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147377-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2021	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147966-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	1/16/2023	4/25/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147457-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	4/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148522-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147834-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	4/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148964-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	1/27/2023	4/25/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-147313-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	1/28/2023	4/25/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-148142-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	4/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148208-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148743-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	4/25/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148171-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/2/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149136-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147902-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.2		64 Non-Catalytic		2/3/2023	4/25/2023		22.7	2.4	7%	64%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-147899-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/3/2023	4/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147549-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/4/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148757-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	4/25/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147407-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2023	4/25/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148566-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2023	4/25/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-148360-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.4		72 Non-Catalytic		2/8/2023	4/25/2023		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-147487-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147895-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147336-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	2/11/2023	4/25/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-147939-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148048-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				FALSE	2/13/2023	4/25/2023		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-149060-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148738-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	4/25/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149204-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2023	4/25/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147445-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	4/25/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147846-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2023	4/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147708-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2023	4/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121854-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2022	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141409-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2022	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145093-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	4/26/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146393-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	4/26/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144652-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149269-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-145483-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/26/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149562-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149584-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2		64 Non-Catalytic	FALSE	2/4/2023	4/26/2023		22.7	2.4	7%	64%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-149260-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149293-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/6/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149400-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	2/6/2023	4/26/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-148523-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149544-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2023	4/26/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148359-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/9/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149425-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149595-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2023	4/26/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150189-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146855-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2023	4/26/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149784-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148331-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/14/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149834-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/26/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150032-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148149-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	2/15/2023	4/26/2023		22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-147467-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148336-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145252-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	2/17/2023	4/26/2023		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-147978-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143446-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/18/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149722-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/18/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149549-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149881-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145896-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146302-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148358-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149581-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149721-A1	Tulare	Wood-Burning Firebox	Gas Insert				FALSE	2/22/2023	4/26/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149830-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150489-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	2/25/2023	4/26/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-146122-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	4/26/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-100120-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/28/2023	4/26/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145874-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152225-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	4/26/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117921-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2021	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-108397-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2022	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144602-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/23/2022	4/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144809-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	2/8/2023	4/27/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149858-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	2/8/2023	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148735-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	2/9/2023	4/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149560-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/13/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149561-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2023	4/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148711-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149806-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145988-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	4/27/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-149417-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148347-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150094-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2023	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149057-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2023	4/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150532-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149485-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	4/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150024-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	4/27/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-149546-A1	Tulare	Wood-Burning Firebox	Certified Pellet Insert	1.5		68 Non-Catalytic		3/3/2023	4/27/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-136082-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-128895-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2023	4/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151266-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/3/2023	4/27/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-142484-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/26/2022	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145067-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2022	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142382-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	5/1/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-142665-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/20/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147460-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/23/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146900-A1	Tulare	Freestanding Certified Pellet Stove	Freestanding Gas Stove					1/30/2023	5/1/2023		2.9	0	68%	68%	2.4	100%	0%	0.0054	0.0000	0.0054
G-148328-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/5/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146723-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	2/9/2023	5/1/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-145003-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146128-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148343-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149939-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149043-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146503-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147914-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2023	5/1/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147889-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148640-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146495-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149969-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146487-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148134-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149624-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	5/1/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-150491-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142648-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	3/1/2023	5/1/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-145296-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146151-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150202-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145774-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146879-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148730-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149453-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-148292-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149450-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/3/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147138-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2023	5/1/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147906-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/7/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148612-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	3/7/2023	5/1/2023		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-150185-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151328-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/8/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148811-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152197-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151833-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150975-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147825-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	5/1/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-154114-A1	San Joaquin	Open Hearth Fireplace	Gas Insert					4/5/2023	5/1/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-153250-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153251-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		73 Non-Catalytic		4/6/2023	5/1/2023		29.5	3.2	54%	73%	2.61	100%	0%	0.0593	0.0048	0.0545
G-153282-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150495-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.4		72 Non-Catalytic		4/11/2023	5/1/2023		29.5	2.8	54%	72%	2.1	100%	0%	0.0477	0.0034	0.0443
G-150316-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	5/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153571-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	5/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148756-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/6/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/8/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149814-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/9/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149144-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148955-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/11/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148822-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148712-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149098-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149853-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148549-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	2/16/2023	5/2/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-149118-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149797-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	5/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149808-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/16/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150037-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic		2/16/2023	5/2/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-148752-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	5/2/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149410-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149545-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	5/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149724-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/17/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150457-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150198-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/22/2023	5/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150700-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic		2/22/2023	5/2/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-149849-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	2/23/2023	5/2/2023		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-121158-A2	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2022	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121695-A1	Merced	Open Hearth Fireplace	Certified Wood Insert	2		72 Non-Catalytic	FALSE	2/21/2022	5/9/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-144366-A1	Tulare	Open Hearth Fireplace	Gas Insert					11/29/2022	5/9/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-146153-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/12/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-127445-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/18/2023	5/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147014-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146079-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	2/27/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147776-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149771-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Packaged				TRUE	3/3/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149158-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2023	5/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150028-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149024-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	5/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149194-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	5/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147596-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151764-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150699-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152488-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146909-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	5/9/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-153579-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/22/2023	5/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145495-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2022	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145759-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/30/2022	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145689-A1	Tulare	Wood-Burning Firebox	Gas Fireplace				TRUE	1/4/2023	5/10/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146089-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/11/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147247-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/13/2023	5/10/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146182-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	1/19/2023	5/10/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147823-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/20/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147887-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144360-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146271-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	1/30/2023	5/10/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-146606-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-132885-A1	Tulare	Certified Wood Insert	Gas Insert				FALSE	2/6/2023	5/10/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-136364-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145430-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148054-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146590-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145261-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/25/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142853-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145248-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147676-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	3/9/2023	5/10/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-146174-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	5/10/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146268-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146522-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147156-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138986-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147347-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	5/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147401-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2023	5/10/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-148103-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	3/15/2023	5/10/2023		22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149699-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2023	5/10/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-154097-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	5/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121915-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	7/10/2022	5/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135186-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	8/3/2022	5/11/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145899-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2023	5/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-115763-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/2/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146693-A1	Kings	Open Hearth Fireplace	Gas Fireplace				FALSE	2/17/2023	5/11/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-142663-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150308-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141655-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148436-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2023	5/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149548-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/24/2023	5/11/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-150633-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148297-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2023	5/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147424-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149430-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150955-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2023	5/11/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147344-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2023	5/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149852-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	3/5/2023	5/11/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-150464-A1	Fresno	Open Hearth Fireplace	Gas Fireplace					3/8/2023	5/11/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-151390-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	3/8/2023	5/11/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-151377-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146017-A1	Stanislaus	Certified Wood Insert	Gas Insert				FALSE	3/10/2023	5/11/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-152042-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2023	5/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-137605-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic		10/26/2022	5/12/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145849-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	1/10/2023	5/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148330-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/28/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148382-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/28/2023	5/12/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-148380-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	5/12/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-148551-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148747-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	2/19/2023	5/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-148327-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148403-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149346-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	2/21/2023	5/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149359-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/21/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145364-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148952-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/23/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149211-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	2/24/2023	5/12/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-149391-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/24/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150626-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/26/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149653-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148271-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149133-A1	Stanislaus	Non-Certified Pellet Insert	Gas Insert				TRUE	2/28/2023	5/12/2023		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-150522-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149837-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150456-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149121-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	5/12/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-149357-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/3/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149912-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	3/3/2023	5/12/2023		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-148683-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/4/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149220-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149267-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/6/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149175-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150508-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic		3/7/2023	5/12/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-149271-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2023	5/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-151513-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2023	5/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150729-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150982-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148912-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150237-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	0.8		78 Hybrid	FALSE	3/10/2023	5/12/2023		22.7	1.6	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-150648-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151172-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/10/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149510-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	3/11/2023	5/12/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149543-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2023	5/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150330-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	3/13/2023	5/12/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-150575-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/13/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150800-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	3/13/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151517-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148226-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148391-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150725-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151234-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151511-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	5/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-152186-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	5/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-151218-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.5		77 Non-Catalytic		3/16/2023	5/12/2023		29.5	3	54%	77%	2.1	100%	0%	0.0477	0.0034	0.0443
G-151670-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	5/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151958-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145001-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2023	5/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148247-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/4/2023	5/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146172-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/7/2023	5/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146681-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/10/2023	5/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146897-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/15/2023	5/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147896-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2023	5/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146085-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/1/2023	5/18/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146836-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	5/18/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147926-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	5/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150109-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	5/18/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-146845-A1	Kern	Wood-Burning Firebox	Gas Insert				FALSE	3/17/2023	5/18/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-151725-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	5/22/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144261-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	1/31/2023	5/24/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-153630-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	5/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149029-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	3/11/2023	6/1/2023		29.5	0	54%	68%	1.15	100%	0%	0.0261	0.0000	0.0261
G-145802-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148748-A1	Fresno	Open Hearth Fireplace	Gas Insert					2/16/2023	6/2/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149654-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/22/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150144-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/28/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150313-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150625-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/4/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150201-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148922-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/6/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151265-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/9/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150073-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151212-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/14/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148075-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149023-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150788-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148508-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148706-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149847-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	6/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150635-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2023	6/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149600-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/5/2023	6/2/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-141295-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2022	6/7/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-144266-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/17/2023	6/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151070-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/15/2023	6/7/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145685-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2023	6/7/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143219-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	6/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148667-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148602-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/8/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151783-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2023	6/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152233-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	6/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145916-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/17/2023	6/8/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-147942-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151374-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	6/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151669-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	3/17/2023	6/8/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-151759-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/17/2023	6/8/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-152255-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/19/2023	6/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151236-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147561-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	6/8/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-151825-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	6/8/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-151653-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147592-A1	San Joaquin	Non-Certified Pellet Insert	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	3/28/2023	6/8/2023		2.9	2.2	68%	76%	2.1	100%	0%	0.0047	0.0032	0.0015
G-151509-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/4/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153091-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	6/8/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-154324-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2023	6/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-107705-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	8/22/2022	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146336-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/17/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147728-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/11/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149403-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150539-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/7/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151381-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/13/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145929-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/15/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143445-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151651-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/21/2023	6/9/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-145239-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152055-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152448-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150359-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151792-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152589-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	3/27/2023	6/9/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-148384-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149489-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152368-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152497-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/3/2023	6/9/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-153078-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150519-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152085-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152229-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152748-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151387-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/12/2023	6/9/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153670-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150903-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2023	6/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153245-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/26/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153767-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	6/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153837-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	4/29/2023	6/9/2023		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-116631-A1	Fresno	Wood-Burning Firebox	Gas Fireplace					5/8/2023	6/9/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-149855-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/14/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149857-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151952-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/20/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151665-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	6/10/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148736-A1	Madera	Non-Certified Pellet Insert	Certified Wood Insert	1.2		77 Catalytic		3/24/2023	6/10/2023		2.9	2.4	68%	77%	2.1	100%	0%	0.0047	0.0034	0.0013
G-152598-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152261-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	6/10/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-152430-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152796-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/15/2023	6/10/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153611-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/21/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-145439-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2023	6/10/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-111705-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	6/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150126-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/9/2023	6/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-124271-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	6/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150581-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/21/2023	6/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-138833-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/12/2023	6/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144377-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/23/2022	6/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145626-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2022	6/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147562-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	1/31/2023	6/13/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147387-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/3/2023	6/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147398-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/12/2023	6/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148055-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/15/2023	6/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150021-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/28/2023	6/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140597-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	1/30/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146379-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/31/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148592-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	2/16/2023	6/16/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-149559-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/20/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150108-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/25/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150537-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151173-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/5/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150426-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152083-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147078-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151834-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152629-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152167-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/22/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151959-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152370-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/23/2023	6/16/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-148761-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/24/2023	6/16/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-149150-A1	San Joaquin	Certified Wood Insert	Gas Fireplace				TRUE	3/24/2023	6/16/2023		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-151630-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	6/16/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-149877-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/25/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152791-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2023	6/16/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-151730-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	6/16/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-151239-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151370-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/8/2023	6/16/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153914-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148923-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	6/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155428-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2023	6/16/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-152487-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152489-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152490-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2023	6/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-112434-A1	Tulare	Non-Certified Wood Insert	Freestanding Certified Wood Stove	1.3		70 Non-Catalytic		2/19/2022	6/21/2023		29.5	2.6	54%	70%	2.1	100%	0%	0.0477	0.0032	0.0445
G-131251-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2022	6/21/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133716-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2022	6/21/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153786-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	5/22/2023	6/21/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-149531-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	3/4/2023	6/22/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-152173-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	6/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151965-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	6/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-137466-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2023	6/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-138829-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/29/2022	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146308-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace					1/17/2023	6/23/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-146447-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152192-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	6/23/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-151484-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/27/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152830-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152280-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic		4/5/2023	6/23/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-145704-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2023	6/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-154027-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152219-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	4/12/2023	6/23/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-153455-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2023	6/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152268-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	6/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153833-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/18/2023	6/23/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-151690-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153677-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152387-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154132-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147411-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2023	6/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148710-A1	Kern	Non-Certified Pellet Insert	Gas Insert				TRUE	3/14/2023	6/24/2023		2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-150735-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149070-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150210-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148697-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152089-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151052-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	6/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153458-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151562-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152315-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151206-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/13/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153754-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149344-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2023	6/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145251-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	4/27/2023	6/24/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-153671-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152745-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/28/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122819-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2023	6/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151294-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	5/11/2023	6/24/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-146030-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151722-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/8/2023	6/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-149459-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/23/2023	7/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151379-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150568-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151382-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148897-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156248-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/16/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149090-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147145-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145192-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2022	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141748-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/6/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145945-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142805-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-141629-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145683-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	FALSE	3/31/2023	7/14/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-126248-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2022	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141568-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/12/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143859-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	7/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145157-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2022	7/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152574-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146301-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/14/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148404-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148434-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151209-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/24/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152929-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152446-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/16/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151127-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	3/28/2023	7/15/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-152934-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2023	7/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-147391-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150947-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146417-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/7/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152910-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151119-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/21/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150724-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/4/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149272-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/27/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151316-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	3/17/2023	7/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153526-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	3/31/2023	7/15/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-150584-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	4/4/2023	7/15/2023		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-151411-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/29/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153088-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149360-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151046-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148024-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151957-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152907-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2023	7/15/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-151053-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151734-A1	Tulare	Wood-Burning Firebox	Gas Insert				FALSE	3/30/2023	7/15/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-150307-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2023	7/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151637-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	7/15/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149607-A1	Merced	Certified Wood Insert	Gas Fireplace				TRUE	4/5/2023	7/17/2023		14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-152234-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151141-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153004-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/2/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152496-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150077-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/17/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146314-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/4/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152366-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149397-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	7/17/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152281-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	4/7/2023	7/17/2023		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-151650-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149952-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/22/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148973-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147442-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150177-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149456-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	7/17/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-153003-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2023	7/17/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-147321-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	1/13/2023	7/17/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-150505-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2023	7/17/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-152299-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/6/2023	7/17/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-151790-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/5/2023	7/17/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153077-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	7/17/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-149484-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149394-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	2/14/2023	7/19/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151688-A1	Madera	Certified Pellet Insert	Gas Insert				FALSE	3/29/2023	7/19/2023		2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-154018-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133095-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142414-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144057-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2022	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144065-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147129-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147165-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	1/28/2023	7/19/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-149599-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2023	7/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149622-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2023	7/19/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151178-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	4/27/2023	7/19/2023		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-150314-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/3/2023	7/20/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-154512-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2023	7/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149931-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/29/2023	7/20/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-155750-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2023	7/20/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-158741-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	7/11/2023	7/20/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-158060-A1	Madera	Non-Certified Pellet Insert	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	6/24/2023	7/20/2023		2.9	0.98	68%	63%	2.1	100%	0%	0.0047	0.0017	0.0030
G-144437-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2023	7/20/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-155466-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/5/2023	7/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152301-A1	Fresno	Wood-Burning Firebox					TRUE	4/5/2023	7/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146439-A1	Stanislaus	Wood-Burning Firebox					TRUE	1/19/2023	7/20/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-150500-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/30/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155516-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2023	7/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150637-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/22/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-168411-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151749-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	3/23/2023	7/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-151988-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	4/6/2023	7/27/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-155103-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/18/2023	7/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-131531-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/21/2022	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152923-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153882-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/12/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150926-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152459-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2023	7/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146856-A1	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	4/12/2023	8/1/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-151963-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150031-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/18/2023	8/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150909-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155386-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152377-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147913-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150033-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2023	8/2/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-156413-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2023	8/2/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-155398-A1	Madera	Open Hearth Fireplace	Gas Fireplace				TRUE	5/25/2023	8/2/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-155765-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/16/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150932-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154515-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	4/22/2023	8/2/2023		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-148388-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/10/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145852-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2022	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151204-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149829-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153007-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153008-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/16/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153582-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/15/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150571-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-135710-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/11/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149765-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/5/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150820-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/14/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152013-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151507-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4	77	Non-Catalytic	FALSE	4/12/2023	8/2/2023		29.5	2.8	54%	77%	1.55	100%	0%	0.0352	0.0023	0.0329
G-151654-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2023	8/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153447-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/13/2023	8/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153236-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121799-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-117314-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	1/16/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153479-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	4/12/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148708-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153049-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151656-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144190-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	4/3/2023	8/2/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-147945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/12/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153768-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2023	8/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151246-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/18/2023	8/2/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148519-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	2/21/2023	8/2/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-150634-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	8/2/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150590-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	3/31/2023	8/4/2023		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-147897-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2023	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151264-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	4/14/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145069-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149816-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/23/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146037-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	3/24/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-133887-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149603-A1	Madera	Certified Wood Insert	Gas Insert				TRUE	4/21/2023	8/4/2023		14.5785	0	68%	68%	2.1	33%	57%	0.0079	0.0000	0.0079
G-150298-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/23/2023	8/4/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149639-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/4/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-121586-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/10/2021	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148400-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/30/2023	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150541-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2023	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-144862-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/20/2023	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140418-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2023	8/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148166-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	3/24/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151299-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146240-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	1/24/2023	8/4/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-148891-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151229-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132379-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	7/12/2022	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147226-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-121785-A1	Madera	Wood-Burning Firebox	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	12/15/2021	8/4/2023		22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-118658-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2	72	Non-Catalytic	FALSE	11/9/2021	8/4/2023		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-148911-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2023	8/4/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148257-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	8/4/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	1/30/2023	8/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154816-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	4/17/2023	8/4/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-154295-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	4/12/2023	8/4/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-151781-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	8/4/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154096-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/13/2023	8/4/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153006-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2023	8/4/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-154243-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/19/2023	8/4/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154716-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	8/4/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152503-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	4/6/2023	8/4/2023	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-153870-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/17/2023	8/4/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151648-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2023	8/4/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154607-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	8/4/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-151937-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2023	8/4/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152760-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	8/4/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152773-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2023	8/7/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152319-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				FALSE	3/27/2023	8/7/2023	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-155562-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151649-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/29/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/1/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153442-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	8/7/2023	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-154927-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2023	8/7/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-152444-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	8/7/2023	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-152631-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/28/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155275-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	4/29/2023	8/7/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-127704-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150211-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/5/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149396-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/2/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157630-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/5/2023	8/7/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154439-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/23/2023	8/8/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141186-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/1/2023	8/15/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-122132-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.1		68 Non-Catalytic	TRUE	12/13/2021	8/15/2023	22.7	2.2	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-114735-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				FALSE	12/8/2021	8/15/2023	29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-119172-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/28/2021	8/15/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152039-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	4/13/2023	8/18/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-152196-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/11/2023	8/18/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153776-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2023	8/18/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153287-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2023	8/18/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155706-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	5/18/2023	8/18/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150563-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	4/17/2023	8/21/2023	29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-146120-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155694-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155486-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/29/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153850-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-123699-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146987-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/26/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125977-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156073-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-132178-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/17/2022	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151631-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	3/15/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-134862-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2022	8/21/2023	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-149292-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/21/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155383-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155690-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-154629-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/8/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148999-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/1/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144621-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/19/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122989-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	3/11/2022	8/21/2023	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-152735-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/4/2023	8/21/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-117913-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2021	8/21/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146780-A1	Fresno	Wood-Burning Firebox	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	4/27/2023	8/21/2023	22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-154359-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	4/21/2023	8/21/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153456-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/5/2023	8/21/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-157723-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/5/2023	8/21/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146806-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153683-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/19/2023	8/22/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142849-A1	Merced	Certified Wood Insert	Gas Insert				TRUE	5/9/2023	8/22/2023	14.5785	0	68%	68%	2.1	68%	32%	0.0159	0.0000	0.0159
G-144897-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	12/21/2022	8/22/2023	14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-118319-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-125964-A1	Kern	Open Hearth Fireplace	Certified Wood Insert	1.2		77 Catalytic	FALSE	8/8/2022	8/22/2023	22.7	2.4	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-121227-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2022	8/22/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145065-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	2/2/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147352-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/7/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147547-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/15/2023	8/22/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-148677-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2023	8/22/2023	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-150417-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149006-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	8/22/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150647-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2023	8/22/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-151392-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/22/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151934-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	3/31/2023	8/22/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-122784-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2023	8/22/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152076-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/18/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151757-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	5/11/2023	8/22/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-147844-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148625-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151674-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/3/2023	8/22/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149288-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2023	8/22/2023	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-153388-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/8/2023	8/22/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153577-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/22/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-153852-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/9/2023	8/22/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-153863-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-122112-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/8/2022	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153910-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154144-A1	Fresno	Wood-Burning Firebox	Gas Insert				FALSE	5/11/2023	8/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-154363-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	5/15/2023	8/22/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-154819-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154922-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/28/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/19/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155200-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-155255-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/27/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155382-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/16/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155728-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155796-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155799-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/12/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156289-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156691-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/22/2023	8/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-170597-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2023	8/22/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-145399-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.7		74 Non-Catalytic	FALSE	5/24/2023	8/22/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-151897-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146134-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	5/19/2023	8/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-158492-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	6/20/2023	8/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-158351-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	6/12/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-152733-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/4/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151237-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/27/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156642-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156815-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	5/23/2023	8/22/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-152084-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/10/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151136-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	3/31/2023	8/22/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-151137-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	3/7/2023	8/22/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-150506-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	5/12/2023	8/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-151935-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	4/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-153988-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/10/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151936-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150632-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152121-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/20/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152963-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154098-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	6/3/2023	8/22/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-152389-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/31/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155560-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	5/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-93571-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/17/2022	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153495-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151951-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-133442-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	6/9/2023	8/22/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-141465-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-155674-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153288-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/7/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156083-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/1/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152445-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/15/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145792-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/8/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143888-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	2/13/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156246-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/24/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150713-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	5/11/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156272-A1	Stanislaus	Certified Pellet Insert	Gas Insert				TRUE	5/24/2023	8/22/2023		2.9	0	68%	68%	2.1	54%	44%	0.0025	0.0000	0.0025
G-148889-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/25/2023	8/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156690-A1	Stanislaus	Non-Certified Wood Insert	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	5/30/2023	8/22/2023		29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-147399-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156830-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/23/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-120909-A1	Merced	Open Hearth Fireplace	Certified Pellet Insert	2		72 Non-Catalytic	TRUE	1/25/2022	8/22/2023		22.7	4	7%	72%	0.299465	68%	32%	0.0035	0.0001	0.0035
G-148152-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				FALSE	5/3/2023	8/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-157221-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/30/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151561-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	4/12/2023	8/22/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149048-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/17/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157232-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/30/2023	8/22/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-157545-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2023	8/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152645-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	5/1/2023	8/23/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-157548-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2023	8/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157557-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2023	8/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157572-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/26/2023	8/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157725-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/31/2023	8/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-149061-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	5/12/2023	8/23/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-151531-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	3/27/2023	8/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-155670-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2023	8/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2023	8/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156328-A1	Madera	Wood-Burning Firebox	Gas Fireplace				FALSE	5/8/2023	8/24/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-157429-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2023	8/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157401-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/3/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/4/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157133-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156831-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156084-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/27/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155726-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/12/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155716-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158209-A1	Tulare	Certified Wood Insert	Gas Insert				FALSE	7/1/2023	8/28/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-155691-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2023	8/28/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152648-A1	Fresno	Freestanding Certified Wood Stove	Gas Fireplace				TRUE	5/31/2023	8/28/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-153840-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2023	8/29/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-156097-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/10/2023	8/29/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-153449-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/26/2023	8/29/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156369-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.8	71	Non-Catalytic	FALSE	6/13/2023	8/29/2023		29.5	3.6	54%	71%	2.61	100%	0%	0.0593	0.0055	0.0538
G-156244-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2023	8/29/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156704-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2023	8/29/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-158183-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	6/9/2023	8/29/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-154715-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/25/2023	8/29/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153533-A1	Fresno	Freestanding Non-Certified Wood Stove	Gas Fireplace				TRUE	5/23/2023	8/29/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-155953-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	6/3/2023	8/29/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-161319-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2023	8/29/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-145227-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/14/2023	8/29/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-158648-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2023	8/29/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154647-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/14/2023	8/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157595-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	7/24/2023	8/30/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-120561-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/16/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-121013-A2	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.2	64	Non-Catalytic	TRUE	12/21/2021	8/30/2023		22.7	2.4	7%	64%	0.299465	61%	38%	0.0032	0.0000	0.0031
G-125967-A1	Stanislaus	Wood-Burning Firebox	Certified Wood Insert	1.7	73	Non-Catalytic	FALSE	4/14/2023	8/30/2023		22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-127802-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150311-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/1/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152524-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	6/7/2023	8/30/2023		29.5	0	54%	68%	1.55	100%	0%	0.0352	0.0000	0.0352
G-121055-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/20/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-140352-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/20/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-143273-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8	74	Non-Catalytic	FALSE	6/19/2023	8/30/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144657-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/15/2023	8/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145306-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2023	8/30/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146563-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	0.49	63	Non-Catalytic	FALSE	6/17/2023	8/30/2023		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-150041-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	6/2/2023	8/30/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-150455-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	3/17/2023	8/30/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150717-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	3/16/2023	8/30/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-142431-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-167283-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	8/11/2023	9/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-173476-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/22/2023	9/13/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-149124-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	2/10/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148908-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/3/2023	9/13/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-157628-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/7/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157551-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/20/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150171-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/15/2023	9/13/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-167159-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173469-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/27/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156296-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	5/30/2023	9/13/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-137546-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2022	9/13/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153242-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/23/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153246-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/22/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148066-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/23/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155797-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158026-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/7/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155257-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/10/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156098-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/24/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-154422-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-125264-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	3/5/2022	9/13/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-166214-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	6/26/2023	9/13/2023		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-168417-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/3/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150112-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-167798-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168614-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/5/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153613-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/10/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149187-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/31/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153478-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	5/24/2023	9/13/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147762-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170020-A1	Madera	Wood-Burning Firebox	Freestanding Certified Wood Stove	1.6	73	Non-Catalytic	FALSE	8/31/2023	9/13/2023		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-144166-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	1/3/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152043-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	4/20/2023	9/13/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-152997-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/3/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-128745-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2022	9/13/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-153459-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	4/1/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153561-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	6/9/2023	9/13/2023		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-154408-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151367-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	4/24/2023	9/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152113-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/16/2023	9/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-165303-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149511-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149103-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145664-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153249-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/21/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153998-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/9/2023	9/14/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-152919-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	6/20/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-165011-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/28/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152879-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/1/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-162801-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157188-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	6/19/2023	9/14/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-154718-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	5/18/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-165004-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/21/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-154358-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	6/29/2023	9/14/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-154424-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/19/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-165032-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/17/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155558-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/13/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151389-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.5	68	Non-Catalytic	FALSE	3/25/2023	9/14/2023		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-155064-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	4/26/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155073-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/26/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-165373-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	6/20/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156115-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156135-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	6/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-154115-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	5/9/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145310-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-156169-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/3/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157410-A1	Tulare	Open Hearth Fireplace	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	6/22/2023	9/14/2023		22.7	3	7%	68%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-167737-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/25/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168682-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157631-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/21/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156751-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/3/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157535-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/15/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156992-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	6/22/2023	9/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-154423-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/24/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152788-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/22/2023	9/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-153461-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2023	9/14/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-151385-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/25/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-143431-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.5		65 Non-Catalytic	FALSE	8/7/2023	9/14/2023		22.7	3	7%	65%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-147039-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/12/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-167014-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	8/9/2023	9/14/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-167631-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/14/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168612-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/24/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168819-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-169436-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171457-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	8/8/2023	9/14/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-171611-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	0.95		77 Non-Catalytic	FALSE	8/8/2023	9/14/2023		29.5	1.9	54%	77%	2.09	100%	0%	0.0475	0.0021	0.0453
G-150220-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/14/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146374-A1	Fresno	Certified Pellet Insert	Gas Fireplace				TRUE	7/12/2023	9/14/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-150737-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/10/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157684-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	5/30/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-172093-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/1/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171682-A1	Stanislaus	Non-Certified Pellet Insert	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	8/2/2023	9/14/2023		2.9	3.6	68%	74%	2.1	100%	0%	0.0047	0.0053	-0.0007
G-168415-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158366-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/10/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157422-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	7/11/2023	9/14/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-168817-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/6/2023	9/14/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-149535-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171613-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	8/9/2023	9/14/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-171691-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	8/4/2023	9/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170021-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-166856-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156482-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2023	9/14/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-143926-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	6/30/2023	9/14/2023		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-171482-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/26/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170764-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/21/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170866-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/22/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171246-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170625-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2023	9/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157739-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/24/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144941-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/18/2023	9/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170479-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.7		74 Non-Catalytic	FALSE	7/20/2023	9/14/2023		29.5	3.4	54%	74%	2.09	100%	0%	0.0475	0.0040	0.0435
G-168527-A1	Madera	Wood-Burning Firebox	Heat Pump - Ducted/Packaged				FALSE	7/5/2023	9/15/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-161559-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	7/24/2023	9/15/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-167047-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2023	9/15/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-144686-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2023	9/15/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-157990-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	8/4/2023	9/15/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-167003-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/27/2023	9/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149703-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/3/2023	9/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147831-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/1/2023	9/15/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170873-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2023	9/15/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-142164-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	5/2/2023	9/18/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-142674-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.8		78 Hybrid	FALSE	11/18/2022	9/18/2023		22.7	1.6	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-146568-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147563-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2023	9/18/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-150300-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150488-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/26/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149291-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	3/17/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-169429-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146695-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/14/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146186-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	7/28/2023	9/18/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-155921-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2023	9/18/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145592-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/11/2023	9/18/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150084-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	8/2/2023	9/18/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-168316-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	7/19/2023	9/18/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-147608-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/26/2023	9/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149693-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/28/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149786-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/28/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150917-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2023	9/18/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151016-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2023	9/18/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2023	9/19/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-171742-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/1/2023	9/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-172005-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/17/2023	9/25/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-173982-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2023	9/25/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150321-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	5/9/2023	9/25/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-150715-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/1/2023	9/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173191-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2023	9/25/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170032-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2023	9/25/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-171416-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/8/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-158458-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/6/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-175880-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171646-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/9/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173732-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/14/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173963-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-161305-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/7/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-158229-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	6/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156696-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/16/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-175399-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/21/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151233-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/25/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-173733-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Split				TRUE	8/18/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155511-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	7/20/2023	9/25/2023	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-156896-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.2		77 Catalytic	FALSE	6/28/2023	9/25/2023	22.7	2.4	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-172718-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/19/2023	9/25/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-173549-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	1.8		76 Non-Catalytic	FALSE	8/21/2023	9/25/2023	22.7	3.6	7%	76%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-173507-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151498-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	8/10/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-175037-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168530-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173683-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173475-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/15/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157976-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-162866-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	8/17/2023	9/25/2023	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-158350-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	7/12/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-170478-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	8/7/2023	9/25/2023	22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-152754-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/18/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174117-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/29/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155405-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	6/6/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-166487-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173111-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/10/2023	9/25/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173548-A1	Fresno	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.2		77 Non-Catalytic	FALSE	8/23/2023	9/25/2023	29.5	2.4	54%	77%	2.09	100%	0%	0.0475	0.0027	0.0448
G-175081-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170421-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/28/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171190-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/22/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151701-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	6/16/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156305-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2023	9/25/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-166728-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	7/11/2023	9/25/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-174312-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/23/2023	9/25/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-172412-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.2		77 Catalytic	FALSE	8/15/2023	9/25/2023	22.7	2.4	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-153581-A1	Stanislaus	Freestanding Certified Wood Stove	Gas Fireplace				FALSE	7/24/2023	9/26/2023	14.5785	0	68%	68%	1.55	100%	0%	0.0174	0.0000	0.0174
G-145739-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/18/2023	9/26/2023	29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-149370-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2023	9/26/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-173477-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170472-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/21/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-166057-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/22/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170407-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/15/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158948-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted/Packaged				TRUE	6/20/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-169788-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	7/19/2023	10/2/2023	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-167740-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	6/30/2023	10/2/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-170412-A1	Kern	Certified Pellet Insert	Gas Insert				TRUE	7/22/2023	10/2/2023	2.9	0	68%	68%	2.1	31%	51%	0.0014	0.0000	0.0014
G-167162-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	7/13/2023	10/2/2023	29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-121315-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.2		77 Catalytic	FALSE	7/26/2023	10/2/2023	29.5	2.4	54%	77%	2.1	100%	0%	0.0477	0.0027	0.0450
G-153310-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-166764-A1	San Joaquin	Open Hearth Fireplace	Gas Fireplace				TRUE	7/25/2023	10/2/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-158027-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/24/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180940-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/3/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157710-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170872-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/2/2023	10/2/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173190-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	8/31/2023	10/2/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173392-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	8/26/2023	10/2/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-158487-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2023	10/2/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153233-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/31/2023	10/2/2023	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-171109-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/5/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174043-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2023	10/2/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-174238-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2023	10/2/2023	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173684-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	9/7/2023	10/2/2023	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-158496-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/1/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144297-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	11/23/2022	10/2/2023	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-156038-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/5/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180892-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180560-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Packaged				TRUE	9/1/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-158608-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/1/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-171253-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/18/2023	10/2/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-157275-A1	Fresno	Certified Pellet Insert	Gas Fireplace				FALSE	8/28/2023	10/2/2023	2.9	0	68%	68%	2.1	100%	0%	0.0047	0.0000	0.0047
G-144494-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2022	10/2/2023	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-180567-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/2/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-168319-A1	Fresno	Wood-Burning Firebox	Certified Pellet Insert	0.98		76 Non-Catalytic	FALSE	7/13/2023	10/5/2023	22.7	1.96	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-161029-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	6/27/2023	10/5/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-159115-A1	Madera	Non-Certified Wood Insert	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	8/23/2023	10/5/2023	29.5	3.6	54%	71%	2.1	100%	0%	0.0477	0.0044	0.0433
G-170751-A1	Kern	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	9/6/2023	10/9/2023	14.5785	0	68%	68%	1.57	31%	51%	0.0054	0.0000	0.0054
G-173889-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/9/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174342-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2023	10/9/2023	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-180558-A1	San Joaquin	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	9/8/2023	10/9/2023	22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-181363-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/17/2023	10/9/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-165802-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	9/5/2023	10/9/2023	14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-170046-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	7/13/2023	10/9/2023	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155613-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	9/8/2023	10/9/2023	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-180653-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2023	10/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149541-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/4/2023	10/9/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-149768-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	9/14/2023	10/9/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-181848-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2023	10/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181850-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2023	10/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173689-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.3	73	Non-Catalytic	FALSE	9/19/2023	10/9/2023		29.5	4.6	54%	73%	2.61	100%	0%	0.0593	0.0068	0.0524
G-150498-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/23/2023	10/11/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-173977-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-175033-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	8/25/2023	10/11/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-155792-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2023	10/11/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-148446-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/12/2023	10/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150884-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180619-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-147910-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2023	10/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-147388-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/4/2023	10/16/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-171565-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				FALSE	8/9/2023	10/16/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-171838-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/31/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-177818-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/16/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-181295-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/20/2023	10/16/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173144-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2023	10/16/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-144866-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181799-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	9/23/2023	10/16/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-171248-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-177938-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2023	10/16/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-170640-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	7/27/2023	10/16/2023		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-153009-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	9/22/2023	10/16/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-158457-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	9/3/2023	10/16/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-173700-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	8/30/2023	10/16/2023		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-181212-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/20/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150693-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/16/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156990-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/5/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174347-A1	San Joaquin	Non-Certified Wood Insert	Certified Pellet Insert	1.8	75	Non-Catalytic	FALSE	8/24/2023	10/23/2023		29.5	3.6	54%	75%	2.1	100%	0%	0.0477	0.0042	0.0435
G-180893-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	10/23/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-150068-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2023	10/23/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-180875-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2023	10/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-167742-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/11/2023	10/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-152451-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	0.8	78	Hybrid	FALSE	9/19/2023	10/23/2023		29.5	1.6	54%	78%	2.1	100%	0%	0.0477	0.0018	0.0459
G-157070-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/11/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174084-A1	Fresno	Wood-Burning Firebox	Heat Pump - Ducted/Split				TRUE	8/31/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149646-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/12/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149850-A1	Kings	Non-Certified Wood Insert	Gas Insert				TRUE	9/22/2023	10/23/2023		29.5	0	54%	68%	2.1	48%	48%	0.0227	0.0000	0.0227
G-157668-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2023	10/23/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150962-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2023	10/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-170769-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	2.4	68	Non-Catalytic	FALSE	9/21/2023	10/23/2023		29.5	4.8	54%	68%	2.61	100%	0%	0.0593	0.0077	0.0516
G-181410-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.2	77	Catalytic	FALSE	9/20/2023	10/23/2023		29.5	2.4	54%	77%	2.1	100%	0%	0.0477	0.0027	0.0450
G-180104-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146911-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-179979-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	10/23/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-152644-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	10/23/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-180132-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.2	77	Hybrid	FALSE	9/12/2023	10/24/2023		22.7	2.4	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-181895-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2023	10/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180995-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	10/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181941-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/21/2023	10/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182151-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2023	10/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152596-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	9/18/2023	10/24/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181215-A1	Stanislaus	Non-Certified Wood Insert	Certified Pellet Insert	1.8	75	Non-Catalytic	FALSE	9/19/2023	10/24/2023		29.5	3.6	54%	75%	2.1	100%	0%	0.0477	0.0042	0.0435
G-182071-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2023	10/24/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-170005-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	8/8/2023	10/24/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-182597-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	10/24/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-172009-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	8/18/2023	10/27/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-140985-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/14/2023	11/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151403-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/7/2023	11/1/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-169422-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	9/11/2023	11/1/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-169054-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/3/2023	11/1/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181835-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/27/2023	11/1/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-124155-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	11/2/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174348-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/13/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-177924-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180681-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/3/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181707-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/15/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182702-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/17/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183532-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2023	11/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150107-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/14/2023	11/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-172148-A1	Tulare	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.3	70	Non-Catalytic	FALSE	10/4/2023	11/7/2023		29.5	2.6	54%	70%	2.4	100%	0%	0.0545	0.0037	0.0508
G-180684-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2	72	Non-Catalytic	FALSE	10/3/2023	11/9/2023		22.7	4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-180056-A1	Madera	Open Hearth Fireplace	Heat Pump - Ductless				TRUE	9/15/2023	11/9/2023		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-177862-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2023	11/9/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-175377-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/22/2023	11/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182522-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/7/2023	11/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182662-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2023	11/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173116-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	8/30/2023	11/9/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-174002-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				TRUE	9/25/2023	11/9/2023		14.5785	0	68%	68%	2.09	24%	59%	0.0057	0.0000	0.0057
G-183088-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2023	11/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180896-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2023	11/9/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-161546-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	9/18/2023	11/13/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-146335-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/15/2023	11/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-177920-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2023	11/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-181398-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2023	11/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181704-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2023	11/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173552-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2023	11/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183443-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	11/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-173888-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2023	11/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183448-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2023	11/14/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-146632-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156297-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149866-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	10/9/2023	11/20/2023		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-148126-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2023	11/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152283-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/25/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182739-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/1/2023	11/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174346-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/7/2023	11/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180880-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/18/2023	11/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180645-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/21/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181260-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-177936-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2023	11/20/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182068-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/28/2023	11/20/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-181211-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	9/30/2023	11/20/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-183090-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/3/2023	11/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151162-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/11/2023	11/20/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-141174-A1	Fresno	Freestanding Certified Pellet Stove	Freestanding Gas Stove				TRUE	10/4/2023	11/22/2023		2.9	0	68%	68%	2.09	24%	59%	0.0011	0.0000	0.0011
G-182152-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/19/2023	11/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-171916-A1	Fresno	Freestanding Non-Certified Wood Stove	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	9/15/2023	11/22/2023		29.5	4.6	54%	72%	2.09	100%	0%	0.0475	0.0056	0.0419
G-174355-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2023	11/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173238-A1	Madera	Open Hearth Fireplace	Gas Insert				FALSE	9/30/2023	11/22/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-176076-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	9/29/2023	11/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183162-A1	Fresno	Non-Certified Wood Insert	Heat Pump - Ducted/Packaged				TRUE	10/2/2023	11/22/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-183651-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2023	11/22/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181968-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/22/2023	11/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182517-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/4/2023	11/22/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-180553-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2023	11/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-144249-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/22/2023	11/22/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182351-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/5/2023	11/27/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-122945-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	1/27/2022	12/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148299-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/9/2023	12/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-158489-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/14/2023	12/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151214-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/29/2023	12/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-148249-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2023	12/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151836-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	10/5/2023	12/4/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-151420-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/2/2023	12/4/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151954-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	9/19/2023	12/4/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-167011-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2023	12/4/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-152953-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2023	12/6/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151263-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/24/2023	12/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156103-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2023	12/6/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-150034-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	5/3/2023	12/6/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-145537-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2023	12/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149547-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	10/6/2023	12/7/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-169229-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/17/2023	12/7/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-146129-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/20/2023	12/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-141542-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	7/3/2023	12/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145142-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2023	12/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146170-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/14/2023	12/7/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-149401-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	10/19/2023	12/7/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-148852-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2023	12/7/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-150434-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	12/7/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150558-A1	Kings	Open Hearth Fireplace	Gas Insert				FALSE	9/6/2023	12/7/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-150901-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	10/11/2023	12/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154818-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/23/2023	12/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156509-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	8/5/2023	12/8/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-157004-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	12/8/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-168611-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2023	12/8/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-170870-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				FALSE	10/17/2023	12/8/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-184472-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	12/11/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-185824-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	1.6		73 Non-Catalytic	FALSE	11/14/2023	12/11/2023		22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-187925-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182572-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182921-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.8		78 Hybrid	FALSE	10/13/2023	12/11/2023		22.7	1.6	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-181891-A1	Fresno	Freestanding Non-Certified Wood Stove	Heat Pump - Ducted/Packaged				TRUE	9/22/2023	12/11/2023		29.5	0	54%	68%	2.09	24%	59%	0.0115	0.0000	0.0115
G-182325-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182488-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182742-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184738-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184759-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184761-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184763-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184812-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/10/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184066-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2023	12/11/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-182498-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182555-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-175137-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				FALSE	10/31/2023	12/11/2023		29.5	0	54%	68%	2.61	100%	0%	0.0593	0.0000	0.0593
G-182701-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183445-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/3/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182599-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Split				TRUE	10/9/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182554-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2023	12/11/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-182663-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	12/11/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-182651-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	9/27/2023	12/11/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-183082-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	10/13/2023	12/11/2023		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-183103-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183750-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2023	12/11/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182149-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	10/9/2023	12/11/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-181234-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.2		77 Catalytic	FALSE	10/6/2023	12/11/2023		22.7	2.4	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-177783-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/6/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182872-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/6/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174340-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184606-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	12/11/2023		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-180577-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2023	12/11/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182297-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2023	12/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-184237-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-182060-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183336-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/7/2023	12/12/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-177888-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183516-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2023	12/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-182942-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	10/10/2023	12/12/2023		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-183087-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/15/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174303-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/26/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183089-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/2/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183755-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/15/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-175592-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/18/2023	12/12/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-180647-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2023	12/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182101-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/5/2023	12/12/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-182783-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2023	12/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183806-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	10/19/2023	12/12/2023		29.5	3.6	54%	74%	2.1	100%	0%	0.0477	0.0042	0.0435
G-182732-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/16/2023	12/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183520-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/17/2023	12/12/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182255-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	10/6/2023	12/12/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-181407-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	9/22/2023	12/12/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-176404-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	9/21/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184016-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2023	12/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-180825-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183174-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/4/2023	12/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-183255-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/17/2023	12/12/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-182898-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/18/2023	12/12/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-174298-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/6/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174353-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	12/12/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-167161-A1	Fresno	Non-Certified Pellet Insert	Gas Insert				TRUE	10/18/2023	12/13/2023		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-183472-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2023	12/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153502-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	1.8		60 Non-Catalytic	FALSE	6/17/2023	12/13/2023		22.7	3.6	7%	60%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-169348-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	8/9/2023	12/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152740-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Packaged				TRUE	11/2/2023	12/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187187-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/13/2023	12/13/2023		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-156410-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/20/2023	12/13/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182233-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	12/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-171929-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2023	12/13/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174037-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	9/1/2023	12/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182678-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				FALSE	9/28/2023	12/14/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-177918-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/12/2023	12/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181497-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2023	12/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183278-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2023	12/14/2023		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-181489-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2023	12/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181125-A1	Fresno	Certified Wood Insert	Gas Insert				FALSE	10/5/2023	12/14/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-182754-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/4/2023	12/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182519-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/29/2023	12/14/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182270-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2023	12/14/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-172797-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/16/2023	12/14/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-183167-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	12/14/2023		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-145214-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2023	12/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-152332-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2023	12/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-154161-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	6/6/2023	12/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158180-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	8/24/2023	12/20/2023		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-166171-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	12/20/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183804-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/30/2023	12/20/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185512-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/16/2023	12/27/2023		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-185563-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-174003-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/25/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182607-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182612-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187320-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184616-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188141-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188560-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180652-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/24/2023	12/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185363-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	10/27/2023	12/27/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-183469-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	12/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-182665-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/12/2023	12/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183697-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187876-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	12/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185163-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	12/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182518-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	10/27/2023	12/27/2023		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-185632-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189591-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-181862-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				FALSE	10/27/2023	12/27/2023		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-181892-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Packaged				TRUE	10/12/2023	12/27/2023		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181056-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/11/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180954-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/9/2023	12/27/2023		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-173467-A1	Tulare	Certified Wood Insert	Gas Fireplace				FALSE	9/11/2023	12/27/2023		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-181297-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	12/27/2023		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-184112-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	1/4/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184520-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/20/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181221-A1	Tulare	Open Hearth Fireplace					TRUE	9/29/2023	1/4/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-183614-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184017-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	10/18/2023	1/4/2024		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-185089-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/26/2023	1/4/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184100-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/23/2023	1/4/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-173479-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	10/3/2023	1/4/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-183783-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2023	1/4/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-185028-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/31/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184074-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184617-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184448-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2023	1/4/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184423-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/4/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183592-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/26/2023	1/4/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184251-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	10/27/2023	1/4/2024		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-184650-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/4/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184265-A1	Fresno	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	11/2/2023	1/4/2024		14.5785	0	68%	68%	2.09	100%	0%	0.0235	0.0000	0.0235
G-183960-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	1/4/2024		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-150026-A1	Kern	Open Hearth Fireplace	Gas Insert				FALSE	10/27/2023	1/5/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-185155-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2023	1/5/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-153505-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	1/5/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-170406-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	11/1/2023	1/5/2024		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-152954-A1	Madera	Wood-Burning Firebox	Gas Insert				FALSE	11/1/2023	1/5/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-153327-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	1/5/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148800-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	7/1/2023	1/5/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-158414-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/13/2023	1/8/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-158174-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2023	1/9/2024		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-152224-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2023	1/9/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184447-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	10/21/2023	1/10/2024		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-183959-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/3/2023	1/10/2024		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-184101-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183888-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	10/26/2023	1/10/2024		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-183749-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182914-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/10/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-187422-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-172831-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	10/31/2023	1/10/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-180339-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/22/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182583-A1	Kern	Wood-Burning Firebox	Gas Fireplace				FALSE	10/19/2023	1/10/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-182896-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-177303-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	9/25/2023	1/10/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-184553-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184205-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/28/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184065-A1	Merced	Non-Certified Wood Insert	Gas Insert				TRUE	11/2/2023	1/10/2024		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-184625-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184275-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184783-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185812-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184777-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185527-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184869-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181885-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/25/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184547-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	10/20/2023	1/10/2024		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-184246-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185032-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184421-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/7/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184809-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183175-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	11/14/2023	1/10/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-184752-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184911-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184599-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.8		75 Non-Catalytic	FALSE	11/9/2023	1/10/2024		22.7	3.6	7%	75%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-185441-A1	Madera	Certified Pellet Insert	Gas Insert				TRUE	11/11/2023	1/10/2024		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-185733-A1	Madera	Certified Pellet Insert	Gas Insert				TRUE	11/10/2023	1/10/2024		2.9	0	68%	68%	2.1	33%	57%	0.0016	0.0000	0.0016
G-185447-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2023	1/10/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-184655-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2023	1/10/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-184605-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-185340-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	11/11/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-185513-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/10/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-177866-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	10/21/2023	1/10/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185815-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-176231-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				FALSE	10/26/2023	1/10/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-184604-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184581-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2023	1/10/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-183751-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183702-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181897-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/24/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182150-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/1/2023	1/10/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184528-A1	Kern	Open Hearth Fireplace	Certified Pellet Insert	1.8		75 Non-Catalytic	FALSE	11/2/2023	1/10/2024		22.7	3.6	7%	75%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-187423-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2023	1/10/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-184785-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2023	1/10/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-187152-A1	Stanislaus	Open Hearth Fireplace	Gas Fireplace				TRUE	11/10/2023	1/16/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-188012-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	11/22/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183779-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187188-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181782-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183896-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187343-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185398-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2023	1/16/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187759-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2023	1/16/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-186963-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	1/16/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-183084-A1	Tulare	Wood-Burning Firebox	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	10/25/2023	1/17/2024		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-186907-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/9/2023	1/17/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-187161-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2023	1/17/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-186892-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2023	1/17/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187142-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2023	1/17/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184465-A1	Stanislaus	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.1	66	Non-Catalytic	FALSE	11/18/2023	1/17/2024		29.5	2.2	54%	66%	1.55	100%	0%	0.0352	0.0021	0.0331
G-179981-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				FALSE	10/24/2023	1/17/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-185444-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/19/2023	1/17/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-187621-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2023	1/17/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187026-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185734-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185737-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187156-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187154-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-186927-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2023	1/17/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187101-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185509-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2023	1/17/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185510-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/5/2023	1/17/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187159-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/17/2023	1/17/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-186962-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	1/17/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-182570-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.4	72	Non-Catalytic	FALSE	10/31/2023	1/17/2024		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-185456-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/18/2023	1/17/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-185023-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/17/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185531-A1	San Joaquin	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/6/2023	1/17/2024		29.5	0	54%	68%	1.15	61%	38%	0.0159	0.0000	0.0159
G-185337-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	1/17/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-183447-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	10/25/2023	1/17/2024		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-182666-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/1/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183276-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	10/24/2023	1/17/2024		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-185046-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187414-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/14/2023	1/17/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181759-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/30/2023	1/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-180618-A1	Kern	Freestanding Non-Certified Wood Stove	Freestanding Gas Stove				TRUE	11/29/2023	1/22/2024		29.5	0	54%	68%	1.57	31%	51%	0.0110	0.0000	0.0110
G-189847-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	1/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189471-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185084-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187443-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190090-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190214-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180134-A1	Fresno	Open Hearth Fireplace	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	12/16/2023	1/22/2024		22.7	0.98	7%	63%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-180066-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/8/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182128-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182201-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182235-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182422-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182466-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182494-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182495-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189565-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189788-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190015-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	1/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-151516-A1	Tulare	Non-Certified Wood Insert	Certified Wood Insert	1.2	66	Non-Catalytic	FALSE	10/20/2023	1/25/2024		29.5	2.4	54%	66%	2.1	100%	0%	0.0477	0.0032	0.0445
G-182523-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	1/29/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-187157-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	1/29/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-187573-A1	Fresno	Non-Certified Pellet Insert	Certified Pellet Insert	0.49	63	Non-Catalytic	FALSE	12/9/2023	1/29/2024		2.9	0.98	68%	63%	2.1	100%	0%	0.0047	0.0017	0.0030
G-188621-A1	Tulare	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2023	1/29/2024		29.5	0	54%	68%	2.1	53%	43%	0.0254	0.0000	0.0254
G-188810-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/3/2023	1/29/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189555-A1	Fresno	Non-Certified Wood Insert	Gas Insert				FALSE	12/7/2023	1/29/2024		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-156218-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	1/30/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-180306-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/29/2023	1/30/2024		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-187506-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	1/30/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188557-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2023	1/30/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188533-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/26/2023	1/30/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187196-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	1/30/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182322-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2023	1/30/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180073-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	9/4/2023	1/30/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183730-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	10/25/2023	1/30/2024		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-184615-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	1/30/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187581-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/25/2023	1/30/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187873-A1	Tulare	Certified Wood Insert	Gas Insert				TRUE	11/17/2023	1/30/2024		14.5785	0	68%	68%	2.1	53%	43%	0.0126	0.0000	0.0126
G-150110-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2023	2/1/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-152741-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	2/1/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185205-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/5/2023	2/2/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-186872-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2023	2/2/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187406-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/2/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188167-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2023	2/2/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185526-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	2/2/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016

										Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-188290-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/2/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188475-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	2/2/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185647-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2023	2/2/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185649-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	2/2/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185564-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	2/2/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187296-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	2/2/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187628-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2023	2/2/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-186871-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	2/2/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188010-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	2/12/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182483-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	2/12/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-149028-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2023	2/13/2024	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-161137-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-161147-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-161295-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182559-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	2/13/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188855-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-171255-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	8/15/2023	2/13/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-153681-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156136-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	5/23/2023	2/13/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189695-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2023	2/13/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-155284-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	2/13/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156236-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	2/13/2024	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-151768-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/13/2023	2/14/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-145181-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	2/14/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156723-A1	Fresno	Open Hearth Fireplace	Heat Pump - Ducted/Split				TRUE	12/5/2023	2/14/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-146630-A1	Merced	Open Hearth Fireplace	Gas Insert				TRUE	1/25/2023	2/14/2024	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-169855-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	7/19/2023	2/14/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-152198-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	4/4/2023	2/15/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-154425-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	2/15/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-150796-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3	72	Non-Catalytic	FALSE	9/14/2023	2/15/2024	22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-180672-A1	Kern	Wood-Burning Firebox	Certified Pellet Insert	1.1	66	Non-Catalytic	FALSE	9/6/2023	2/16/2024	22.7	2.2	7%	66%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-185457-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2023	2/16/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-185458-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2023	2/16/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-183726-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/17/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188350-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188254-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184344-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185648-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/12/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187027-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183885-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/19/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185524-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/6/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188103-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185650-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187758-A1	Kern	Wood-Burning Firebox	Gas Fireplace				TRUE	11/17/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185511-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187373-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185816-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187754-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187401-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185659-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/21/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187371-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184086-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	10/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183473-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181294-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/16/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183100-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/16/2023	2/16/2024	14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-187309-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-188487-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	2/16/2024	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-188598-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185729-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-186841-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188080-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189106-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2023	2/16/2024	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-187379-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189820-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188595-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184189-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189147-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187652-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187424-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/16/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-153955-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188561-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2023	2/16/2024	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-189317-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185483-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	2/16/2024	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-189114-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2023	2/16/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-191266-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191943-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189053-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2023	2/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-191297-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	2/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-167794-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	2/20/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142150-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/1/2023	2/20/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-165977-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	7/31/2023	2/20/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-135565-A2	Kern	Open Hearth Fireplace	Gas Insert				TRUE	9/1/2022	2/20/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184516-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/21/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189802-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	2/21/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182556-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/7/2023	2/21/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189763-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2023	2/21/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-187372-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184154-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187153-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	2/21/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-187198-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	11/17/2023	2/21/2024		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-188081-A1	Tulare	Non-Certified Wood Insert	Gas Insert				FALSE	11/28/2023	2/21/2024		29.5	0	54%	68%	2.1	100%	0%	0.0477	0.0000	0.0477
G-185664-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2023	2/21/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-189047-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-191842-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	2/21/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-188777-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	12/20/2023	2/21/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-191581-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	2/21/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181771-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/10/2023	2/21/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188394-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/21/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-189484-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189414-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	12/14/2023	2/21/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184050-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/27/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182623-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2023	2/21/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182733-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/21/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185651-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/9/2023	2/21/2024		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-183484-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188872-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	2/21/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-189473-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182468-A1	Fresno	Non-Certified Wood Insert	Gas Fireplace				TRUE	11/30/2023	2/21/2024		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-177743-A1	Madera	Non-Certified Wood Insert	Certified Pellet Insert	1.5		68 Non-Catalytic	FALSE	8/31/2023	2/21/2024		29.5	3	54%	68%	2.1	100%	0%	0.0477	0.0039	0.0438
G-185068-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	10/31/2023	2/21/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-175132-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	11/1/2023	2/21/2024		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-189132-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2023	2/21/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189694-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187673-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	2/22/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-181310-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188123-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182740-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187879-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	11/20/2023	2/22/2024		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-187093-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184603-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	10/25/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185381-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187661-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/20/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187620-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187158-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/30/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185003-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188013-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	11/24/2023	2/22/2024		2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-185548-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188015-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/27/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184367-A1	Merced	Non-Certified Pellet Insert	Gas Insert				TRUE	11/28/2023	2/22/2024		2.9	0	68%	68%	2.1	68%	32%	0.0032	0.0000	0.0032
G-184806-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/11/2023	2/22/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187869-A1	Fresno	Non-Certified Wood Insert	Certified Pellet Insert	1.1		76 Non-Catalytic	FALSE	11/30/2023	2/22/2024		29.5	2.2	54%	76%	2.1	100%	0%	0.0477	0.0025	0.0452
G-187864-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2023	2/22/2024		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-182971-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	11/6/2023	2/22/2024		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-187210-A1	Merced	Freestanding Non-Certified Wood Stove	Freestanding Certified Pellet Stove	1.4		77 Non-Catalytic	FALSE	11/21/2023	2/22/2024		29.5	2.8	54%	77%	2.67	100%	0%	0.0606	0.0040	0.0566
G-188258-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/2/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185024-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/3/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187614-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188288-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/18/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188289-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/24/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187752-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/20/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188423-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184608-A1	Kings	Open Hearth Fireplace	Certified Wood Insert	1.8		71 Non-Catalytic	FALSE	10/26/2023	2/22/2024		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-188482-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187877-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/29/2023	2/22/2024		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-188366-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	2/22/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-187617-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187616-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187489-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-182125-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189553-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188310-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/5/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187860-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	2/22/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189402-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2023	2/22/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188070-A1	Stanislaus	Wood-Burning Firebox	Gas Fireplace				TRUE	12/11/2023	2/26/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-189386-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2023	2/26/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-188150-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-175158-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188867-A1	Fresno	Non-Certified Wood Insert	Freestanding Gas Stove				TRUE	12/14/2023	2/26/2024		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-188238-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185161-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/12/2023	2/26/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187639-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/27/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187030-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188040-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	11/30/2023	2/26/2024		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-188009-A1	Stanislaus	Non-Certified Wood Insert	Gas Insert				TRUE	12/5/2023	2/26/2024		29.5	0	54%	68%	2.1	54%	44%	0.0258	0.0000	0.0258
G-185329-A1	Merced	Open Hearth Fireplace	Gas Insert				FALSE	11/21/2023	2/26/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-183754-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185726-A1	Merced	Open Hearth Fireplace	Gas Insert				FALSE	11/21/2023	2/26/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-183689-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/22/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185717-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	2/26/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184912-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/10/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187209-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.8		74 Non-Catalytic	FALSE	11/29/2023	2/26/2024		22.7	3.6	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-180133-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	2.4		72 Non-Catalytic	FALSE	10/12/2023	2/26/2024		22.7	4.8	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-187194-A1	Fresno	Certified Wood Insert	Gas Insert				TRUE	11/28/2023	2/26/2024		14.5785	0	68%	68%	2.1	24%	59%	0.0057	0.0000	0.0057
G-180386-A1	Madera	Freestanding Certified Wood Stove	Freestanding Gas Stove				FALSE	9/19/2023	2/26/2024		14.5785	0	68%	68%	2.61	100%	0%	0.0293	0.0000	0.0293
G-188359-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184618-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/27/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188874-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2023	2/26/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-189682-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189768-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184222-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.5		77 Non-Catalytic	FALSE	10/25/2023	2/26/2024		22.7	3	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-183889-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189497-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2023	2/26/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-184099-A1	Tulare	Certified Wood Insert	Gas Fireplace				FALSE	12/12/2023	2/26/2024		14.5785	0	68%	68%	2.1	100%	0%	0.0236	0.0000	0.0236
G-184556-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188474-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	2/26/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187376-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189782-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2023	2/26/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187613-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187630-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/25/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181397-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188227-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181663-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	12/22/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188342-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188869-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/11/2023	2/26/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-186945-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183928-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187491-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181490-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	10/22/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184653-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188237-A1	Kings	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.6		71 Non-Catalytic	FALSE	11/30/2023	2/26/2024		29.5	3.2	54%	71%	1.16	100%	0%	0.0263	0.0022	0.0242
G-180767-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	2/26/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-187611-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2023	2/26/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-189283-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	2/26/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-191318-A1	Stanislaus	Open Hearth Fireplace	Certified Pellet Insert	1.4		77 Non-Catalytic	FALSE	12/14/2023	2/26/2024		22.7	2.8	7%	77%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-189823-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2023	2/27/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-190153-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2023	2/27/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189393-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	2/27/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189403-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2023	2/27/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190024-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	2/27/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189875-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	2/27/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188562-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	2/27/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189289-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/11/2023	2/27/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189201-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	2/27/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189574-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	2/27/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188571-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	2/27/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-191519-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	2/27/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-150973-A1	San Joaquin	Certified Wood Insert	Gas Insert				TRUE	12/13/2023	2/28/2024		14.5785	0	68%	68%	2.1	61%	38%	0.0143	0.0000	0.0143
G-186961-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2023	2/29/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-155816-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2023	3/1/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151767-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/3/2023	3/1/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189794-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183551-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189772-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/26/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191821-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/29/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188340-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187340-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187594-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187129-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/22/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185565-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	3/7/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-184405-A1	Fresno	Non-Certified Wood Insert	Gas Insert				TRUE	12/6/2023	3/7/2024		29.5	0	54%	68%	2.1	24%	59%	0.0115	0.0000	0.0115
G-174190-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/7/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188860-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189769-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	3/7/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-190109-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190123-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189416-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191734-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190105-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189469-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/3/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190131-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188884-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187316-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/16/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-186886-A1	Tulare	Open Hearth Fireplace	Certified Wood Insert	1.4		67 Non-Catalytic	FALSE	12/3/2023	3/7/2024		22.7	2.8	7%	67%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-181375-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187073-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189690-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.2		72 Non-Catalytic	FALSE	12/15/2023	3/7/2024		22.7	2.4	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-188130-A1	Madera	Wood-Burning Firebox	Certified Wood Insert	2.3		72 Non-Catalytic	FALSE	12/21/2023	3/7/2024		22.7	4.6	7%	72%	0.299465	100%	0%	0.0052	0.0001	0.0051
G-190107-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2023	3/7/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184236-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/12/2023	3/7/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-189821-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-188175-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/4/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-190158-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/7/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-189548-A1	Tulare	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	3/7/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-188484-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188108-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188331-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188178-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/7/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188871-A1	Stanislaus	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/7/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

											Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate		EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-183475-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/7/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-171570-A1	Fresno	Non-Certified Wood Insert	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	9/8/2023	3/11/2024		29.5	3.4	54%	74%	2.1	100%	0%	0.0477	0.0040	0.0437
G-187665-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/11/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187749-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/11/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-156991-A1	Merced	Wood-Burning Firebox					TRUE	7/20/2023	3/11/2024		22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-166998-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/11/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-151410-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2023	3/11/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-155071-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/7/2023	3/11/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-146046-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2023	3/11/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-156414-A1	Stanislaus	Certified Wood Insert	Gas Insert				TRUE	12/2/2023	3/11/2024		14.5785	0	68%	68%	2.1	54%	44%	0.0128	0.0000	0.0128
G-189804-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	3/12/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191769-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188481-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.8	71	Non-Catalytic	FALSE	12/11/2023	3/12/2024		22.7	3.6	7%	71%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-189554-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/13/2023	3/12/2024		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-170059-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	3/12/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-184028-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/15/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187558-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/6/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184206-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-173805-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-177301-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-183715-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	3/12/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185637-A1	San Joaquin	Wood-Burning Firebox	Gas Fireplace				TRUE	11/13/2023	3/13/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185368-A1	Madera	Freestanding Non-Certified Wood Stove	Freestanding Certified Wood Stove	1.2	80	Hybrid	FALSE	11/10/2023	3/13/2024		29.5	2.4	54%	80%	2.61	100%	0%	0.0593	0.0033	0.0560
G-191299-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188865-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188980-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	3/13/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189049-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/13/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-188536-A1	Tulare	Open Hearth Fireplace	Gas Insert				FALSE	12/22/2023	3/13/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-191732-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191735-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189099-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191892-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/23/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191819-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2023	3/13/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191306-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2023	3/13/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188552-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	3/13/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188422-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/13/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-191715-A1	San Joaquin	Non-Certified Wood Insert	Gas Insert				TRUE	12/20/2023	3/13/2024		29.5	0	54%	68%	2.1	61%	38%	0.0290	0.0000	0.0290
G-191738-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2023	3/13/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-156705-A1	Tulare	Open Hearth Fireplace	Gas Fireplace				TRUE	8/15/2023	3/13/2024		22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-153237-A1	Kern	Non-Certified Wood Insert	Gas Insert				TRUE	11/22/2023	3/13/2024		29.5	0	54%	68%	2.1	31%	51%	0.0147	0.0000	0.0147
G-190021-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/13/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-190060-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/26/2023	3/14/2024		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-140204-A1	Madera	Wood-Burning Firebox	Gas Fireplace				TRUE	1/17/2023	3/15/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-156623-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2023	3/15/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-169434-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	0.8	78	Hybrid	FALSE	12/18/2023	3/18/2024		22.7	1.6	7%	78%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-181692-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	3/18/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188479-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	3/18/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187281-A1	Merced	Non-Certified Wood Insert	Gas Fireplace				TRUE	12/1/2023	3/18/2024		29.5	0	54%	68%	2.1	68%	32%	0.0322	0.0000	0.0322
G-189859-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188478-A1	Tulare	Wood-Burning Firebox	Gas Insert				FALSE	12/20/2023	3/18/2024		22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-188126-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-186964-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188326-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/12/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189200-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-185569-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/4/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188243-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/17/2023	3/18/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-188859-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2023	3/18/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-172036-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/21/2023	3/18/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188135-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/18/2023	3/18/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188190-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	11/30/2023	3/20/2024		22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-145541-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/14/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188476-A1	Kern	Certified Wood Insert	Gas Insert				TRUE	12/19/2023	3/20/2024		14.5785	0	68%	68%	2.1	31%	51%	0.0073	0.0000	0.0073
G-187285-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2023	3/20/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-182453-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188868-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191766-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190026-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/22/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-186940-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/21/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187928-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187660-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/29/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189968-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191724-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/15/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190012-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187672-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/14/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187378-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/8/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188228-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	3/20/2024		22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189846-A1	Madera	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2023	3/20/2024		22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-179977-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	9/14/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189789-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/28/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-184091-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182148-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	11/28/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188483-A1	Fresno	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	12/28/2023	3/20/2024		22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-184139-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/1/2023	3/20/2024		22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-191954-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2023	3/20/2024		22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-189566-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2023	3/20/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-173738-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	11/13/2023	3/20/2024		22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028

												Emission Factor		Efficiency			Non-Curtailment %		Emissions (tpy PM2.5)		
Contract#	County	OldDeviceType	NewDeviceType	EmissionRating	OverallEfficiency	DeviceSubtype	PipedNatGa	InstallDate	ClaimDate	EF_Old	EF_New	Eff_Old	Eff_New	FuelUse	B_{all}	B_{reg}	Before	After	Reduction
G-187023-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	3/20/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-187341-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	3/20/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-189104-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/20/2024	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-192185-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	3/20/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-176130-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/2/2023	3/20/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187911-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/8/2023	3/20/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181761-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/11/2023	3/20/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-192041-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/20/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-184263-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/12/2023	3/20/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-181569-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/20/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185669-A1	Stanislaus	Open Hearth Fireplace	Certified Wood Insert	1.7	73	Non-Catalytic	FALSE	12/5/2023	3/20/2024	22.7	3.4	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-188393-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.6	73	Non-Catalytic	FALSE	12/14/2023	3/25/2024	22.7	3.2	7%	73%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-190126-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2023	3/25/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187704-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	12/27/2023	3/25/2024	2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-189822-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2023	3/25/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-190016-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/29/2023	3/25/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-142851-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/10/2023	3/25/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-158559-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	12/19/2023	3/26/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-192142-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/28/2023	3/26/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-184652-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/7/2023	3/26/2024	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-189406-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-183091-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	10/25/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188556-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	3/26/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-188252-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/27/2023	3/26/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-187435-A1	San Joaquin	Open Hearth Fireplace	Gas Insert				TRUE	11/16/2023	3/26/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-185529-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/6/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189373-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187934-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/14/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190130-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/22/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190165-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191261-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187662-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/28/2023	3/26/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187760-A1	Madera	Open Hearth Fireplace	Certified Wood Insert	1.7	74	Non-Catalytic	FALSE	12/6/2023	3/26/2024	22.7	3.4	7%	74%	0.299465	100%	0%	0.0052	0.0001	0.0052
G-189819-A1	Madera	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	3/26/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-185044-A1	Tulare	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	3/26/2024	22.7	0	7%	68%	0.299465	53%	43%	0.0028	0.0000	0.0028
G-181852-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	11/2/2023	3/26/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189589-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/13/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189592-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189806-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187291-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-187625-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/10/2023	3/26/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180470-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				FALSE	12/29/2023	3/26/2024	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-199333-A1	Merced	Wood-Burning Firebox	Gas Insert				TRUE	3/2/2023	4/3/2024	22.7	0	7%	68%	0.299465	68%	32%	0.0035	0.0000	0.0035
G-183777-A1	Fresno	Open Hearth Fireplace	Gas Insert				FALSE	11/24/2023	4/8/2024	22.7	0	7%	68%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-191752-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/19/2023	4/8/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-148601-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/19/2023	4/10/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-180679-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	4/10/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-180800-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/9/2023	4/10/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187748-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/15/2023	4/10/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185203-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/5/2023	4/11/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185525-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	11/15/2023	4/11/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188857-A1	Kern	Wood-Burning Firebox	Gas Insert				TRUE	12/20/2023	4/11/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-185522-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	4/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187866-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/1/2023	4/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-191891-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/30/2023	4/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-190128-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	4/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189417-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/27/2023	4/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-192193-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/2/2023	4/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189966-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	12/20/2023	4/16/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-181218-A1	San Joaquin	Wood-Burning Firebox	Gas Insert				TRUE	10/4/2023	4/16/2024	22.7	0	7%	68%	0.299465	61%	38%	0.0032	0.0000	0.0032
G-189203-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/21/2023	4/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-187425-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/22/2023	4/16/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-176071-A1	Fresno	Open Hearth Fireplace	Gas Fireplace				TRUE	9/1/2023	4/17/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-189225-A1	Kings	Wood-Burning Firebox	Gas Insert				TRUE	12/6/2023	4/17/2024	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-158291-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	10/2/2023	4/17/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-145699-A1	Fresno	Wood-Burning Firebox	Gas Fireplace				TRUE	12/4/2023	4/29/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-186840-A1	Kern	Open Hearth Fireplace	Gas Insert				TRUE	11/8/2023	5/1/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-189316-A1	Fresno	Wood-Burning Firebox	Gas Insert				TRUE	12/16/2023	5/1/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-182411-A1	Madera	Wood-Burning Firebox	Gas Fireplace				TRUE	10/5/2023	5/1/2024	22.7	0	7%	68%	0.299465	33%	57%	0.0017	0.0000	0.0017
G-189425-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	5/1/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013
G-174229-A1	Stanislaus	Open Hearth Fireplace	Gas Insert				TRUE	12/18/2023	5/7/2024	22.7	0	7%	68%	0.299465	54%	44%	0.0028	0.0000	0.0028
G-189397-A1	Kings	Open Hearth Fireplace	Gas Insert				TRUE	12/4/2023	5/7/2024	22.7	0	7%	68%	0.299465	48%	48%	0.0025	0.0000	0.0025
G-144119-A1	Fresno	Certified Pellet Insert	Gas Insert				TRUE	10/30/2023	5/14/2024	2.9	0	68%	68%	2.1	24%	59%	0.0011	0.0000	0.0011
G-189113-A1	Kern	Open Hearth Fireplace	Gas Fireplace				TRUE	11/22/2023	5/15/2024	22.7	0	7%	68%	0.299465	31%	51%	0.0016	0.0000	0.0016
G-188244-A1	Madera	Open Hearth Fireplace	Certified Pellet Insert	1.1	76	Non-Catalytic	FALSE	12/2/2023	5/16/2024	22.7	2.2	7%	76%	0.299465	100%	0%	0.0052	0.0000	0.0052
G-188531-A1	Fresno	Open Hearth Fireplace	Gas Insert				TRUE	12/13/2023	5/22/2024	22.7	0	7%	68%	0.299465	24%	59%	0.0013	0.0000	0.0013