

EJAG Recommendations for Incentives Spending Plan in 2024-25 District Budget

Environmental Justice Advisory Group
February 22, 2024

District Incentive Program Success

- Since 1992 the District has reduced 271,300 tons of emissions through \$6.2 billion in public/private funding to purchase, replace, or retrofit thousands of pieces of equipment
- Over the past 10 years :
 - 616 ag pump engines
 - 14,970 ag equipment replacements
 - 112 off road equipment repowers
 - 3,400 heavy-duty trucks
 - 46 school bus retrofits
 - 250 school bus replacements
 - 6,400 lawnmower replacements
 - 237,900 (acres) Alt Ag Burn
 - 26,000 fireplace change-outs
 - 35 locomotive replacements
 - 35,390 new alt fuel light duty vehicles
 - 5,300 vehicle retirements
 - 89,440 vehicle emission repairs
 - 12 bicycle infrastructure projects
 - 203 low dust nut harvester replacements

EJAG Grant Recommendations

- Provide recommendations on specific programs/project types and areas of focus to Executive Director for expenditure of AB 2522 funds
 - Requires EJ committee feedback and \$10 million expenditure for air quality improvement projects in EJ communities
- Provide ongoing feedback and recommendations to Executive Director (as necessary)
- EJ Consideration within existing grant programs
 - Percentage of funding must be expended to benefit EJ areas
 - Additional funding for projects in low-income/EJ areas (School Bus Replacement Program, Drive Clean in the San Joaquin, Fireplace and Woodstove Change-Out, etc.)

Review of EJAG Recommendations

- 1) School Buses: Replacement of school busses in EJ communities
- 2) On-road Heavy Duty Vehicles: Replacement of on-road heavy duty trucks for fleets operating within EJ areas
- 3) Light Duty Passenger Vehicles: Continuation of the vehicle repair and replacement programs which primarily benefit EJ areas
- 4) Heavy Duty Engine Program:
 - a) Agricultural Irrigation Pump Engine
 - b) Agricultural Equipment Replacement
 - c) Forklift
 - d) Off-Road Equipment including construction and portable equipment
- 5) Bicycle/Non-combustion motorized vehicles: Development of bicycle and non-combustion motorized vehicle components including updating REMOVE II program
- 6) Woodstove & Fireplace Change Outs: Replace open hearth fireplaces or non-certified wood/pellet devices with natural gas or electric options (natural gas service areas) & propane, electric, or certified wood/pellet devices (no natural gas service areas)

District Considerations in Developing Incentive Program Spending Plan

- Current Fiscal Year 2023-24 includes \$650 million for District's incentive programs
- District considers a variety of factors in determining how to spend available incentive dollars including
 - Cost-effectiveness
 - Inventory of available projects
 - Required expenditure timeframes
 - Environmental Justice
 - Upcoming regulatory deadlines
 - Health benefits
 - Promoting technology advancement
 - Community involvement/benefits

2023-24 Fiscal Year Spending Plan

Heavy Duty Equipment Programs

- Ag Equipment Replacement - \$179,454,963 – *EJAG Recommendation*
- Ag Pump Replacement - \$3,128,300– *EJAG Recommendation*
- Alternative Fuel Infrastructure - \$41,054,648
- Dairy Feed Mixer Electrification Program - \$5,000,000
- Electric Ag UTV - \$10,000,000
- Electric Yard Trucks - \$5,276,008
- Emergency Vehicle Replacement - \$1,000,000
- Locomotives - \$15,000,000
- Low-Dust Harvester Replacement - \$15,000,000
- Truck Replacement Program \$26,907,230 – *EJAG Recommendation*

2023-24 Fiscal Year Spending Plan

Community Incentives

- Fireplace Change Outs- \$16,692,800 – *EJAG Recommendation*
- Commercial Lawn and Garden - \$5,748,750
- Drive Clean Rebate Program - \$17,249,900
- Drive Clean Repair Program - \$11,000,000 – *EJAG Recommendation*
- Drive Clean Replacement Program - \$17,743,000 – *EJAG Recommendation*
- Vehicle Miles Travelled Reduction Programs (E-Mobility, Park & Ride, Bike Paths, etc) \$1,000,000 – *EJAG Recommendation*
- Residential Lawn and Garden \$500,000

2023-24 Fiscal Year Spending Plan AB 617

- Ag Equipment Replacement - \$4,772,276 – EJAG Recommendation
- Ag Pump Replacement - \$188,000
- Air Filtration in Schools - \$4,190,000
- Alternative Fuel Infrastructure – \$1,516,404
- Bicycle Lane Infrastructure - \$1,500,000 – EJAG Recommendation
- Fireplace & Woodstove Change Out- \$2,122,550 – EJAG Recommendation
- Car Sharing Program - \$500,000

2023-24 Fiscal Year Spending Plan

AB 617 Cont'd

- Charge Up Program - \$931,262
- Commercial Lawn and Garden - \$361,542
- Drive Clean Repair Program (Tune-In Tune-Up) - \$2,060,000
- Drive Clean Replacement Program - \$12,400,000
- Education Training for EV Mechanics - \$255,000
- Electric Yard Trucks – \$5,000,000
- Locomotives (Railcar Movers and Switchers) - \$14,641,009
- On-Field Alternatives to Open Burning - \$1,897,160
- Public Benefits - \$8,500,000

2023-24 Fiscal Year Spending Plan

AB 617 Continued

- Residential Air Filtration and Weatherization - \$1,000,000
- Road Paving and Sidewalk Installations - \$12,275,000
- School Bus Replacement - \$10,415,861
- Solar Match - \$1,500,000
- Truck Idling Plug-Ins - \$200,000
- Truck Replacement Program - \$26,500,000
- Truck Rerouting Study - \$500,000
- Underfired Charbroilers - \$500,000
- Vegetative Barriers/Urban Greening - \$1,000,000

2023-24 Fiscal Year Spending Plan

Advanced Transportation/Vehicles/Non-Mobile/Technology Advancement

- Advanced Transportation/Vehicles
 - Charge Up Program - \$5,000,000
 - Public Benefit Grant Program - \$10,000,000
 - Volkswagen Mitigation Trust - \$65,952,600
- Non-Mobile Programs
 - On-field Alternatives to Open Burning - \$33,117,600
- Technology Advancement
 - Technology Advancement Program - \$475,000
 - Air Toxics - \$232,400
 - Contingencies - \$850,000