

EJAG Recommendations for Incentives Spending Plan in 2022-23 District Budget

Environmental Justice Advisory Group
January 27, 2022

District Incentive Program Success

- Since 1992 the District has reduced 212,422 tons of emissions through \$4.3 billion in public/private funding to purchase, replace, or retrofit thousands of pieces of equipment.
- Over the past 10 years :
 - 1,050 ag pump engines
 - 12,300 ag equipment replacements
 - 190 off road equipment repowers
 - 5,200 heavy-duty trucks
 - 340 school bus retrofits
 - 240 school bus replacements
 - 4,500 lawnmower replacements
 - 83,300 (acres) Alt Ag Burn
 - 24,000 fireplace change-outs
 - 216,600 commuter subsidies
 - 39 locomotive replacements
 - 19,900 new alt fuel light duty vehicles
 - 1,400 vehicle retirements
 - 31,800 vehicle emission repairs
 - 13 bicycle infrastructure projects

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 to benefit 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 Program, Tune In Tune Up/EFMP, Burn Cleaner Program, etc.)

Review of EJAG Recommendations

- 1) School Buses: Replacement of school busses in EJ communities
- 2) On-road Heavy Duty Vehicles: Retrofit or 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) Burn Cleaner Program: Replacement of open hearth fireplaces or non-certified wood or pellet stoves with natural gas or certified wood or pellet inserts

District Considerations in Developing Incentive Program Spending Plan

- Fiscal Year 2021-22 includes \$519 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

2021-22 Fiscal Year Spending Plan

Heavy Duty Equipment Programs

- Ag Equipment Replacement - \$150,222,900 – *EJAG Recommendation*
- Ag Pump Replacement - \$10,958,100– *EJAG Recommendation*
- Alternative Fuel Infrastructure - \$15,091,500
- Dairy Feed Mixer Electrification Program - \$5,000,000
- Electric Ag UTV - \$6,000,000
- Electric Yard Trucks - \$4,233,400
- Emergency Vehicle Replacement - \$2,000,000
- Locomotives - \$10,705,700
- Low-Dust Harvester Replacement - \$7,718,800
- Truck Replacement Program \$32,427,600 – *EJAG Recommendation*

2021-22 Fiscal Year Spending Plan

Community Incentives

- Burn Cleaner - \$18,132,200 – *EJAG Recommendation*
- Commercial Lawn and Garden - \$500,000
- Drive Clean Rebate Program - \$10,500,000
- Drive Clean Repair Program - \$7,000,000 – *EJAG Recommendation*
- Drive Clean Replacement Program - \$11,746,100 – *EJAG Recommendation*
- REMOVE Program \$459,600 – *EJAG Recommendation*
- Residential Lawn and Garden \$386,900
- Miscellaneous Incentive – 210,500
- Vanpool Voucher Program - \$374,200

2021-22 Fiscal Year Spending Plan

AB 617

- Ag Equipment Replacement - \$1,924,200 – EJAG Recommendation
- Ag Pump Replacement - \$188,000
- Air Filtration in Schools - \$4,340,000
- Alternative Fuel Infrastructure – 605,100
- Bicycle Lane Infrastructure - \$1,500,000 – EJAG Recommendation
- Burn Cleaner - \$2,400,000 – EJAG Recommendation
- Car Sharing Program - \$1,500,000
- Charge Up Program - \$1,225,000
- Commercial Lawn and Garden - \$215,000
- Community Air Protection Fund Programs - \$84,180,000

2021-22 Fiscal Year Spending Plan

AB 617 Continued

- Drive Clean Repair Program (Tune-In Tune-Up) - \$1,700,000
- Drive Clean Replacement Program - \$2,400,000
- Education Training for EV Mechanics - \$255,000
- Electric Yard Trucks – \$4,000,000
- Enhanced Vehicle Replacement with EV's - \$6,000,000
- Heavy-Duty Truck Charging - \$1,100,000
- Locomotives (Railcar Movers and Switchers) - \$13,000,000
- Low-Dust Nut Harvester Equipment Replacement - \$1,000,000
- On-Field Alternatives to Open Burning - \$875,000
- Public Benefits - \$8,100,000
- Residential Air Filtration and Weatherization - \$1,000,000

2021-22 Fiscal Year Spending Plan

AB 617 Continued

- Road Dust Paving and Sidewalk Installations - \$2,775,000
- School Bus Replacement and Retrofit - \$12,400,000
- Solar Match - \$1,500,000
- Transit Bus Replacement (Dial-a-Ride) - \$400,000
- Tree Urban Greening - \$1,000,000
- Truck Idling Plus-Ins - \$100,000
- Truck Replacement Program - \$20,500,000
- Truck Rerouting Study - \$1,000,000
- Underfired Charbroilers - \$1,350,000
- Vegetative Barriers - \$1,000,000
- Vegetative Barriers/Urban Greening - \$1,055,000

2020-21 Fiscal Year Spending Plan

Advanced Transportation/Vehicles/Non-Mobile/Technology Advancement

- Advanced Transportation/Vehicles
 - Charge Up Program - \$3,000,000
 - Public Benefit Grant Program - \$8,000,000
 - Volkswagen Mitigation Trust - \$18,142,600
- Non-Mobile Programs
 - On-field Alternatives to Open Burning - \$13,028,400
- Technology Advancement
 - Technology Advancement Program - \$1,475,000
 - Air Toxics - \$323,900
 - Contingencies - \$850,000