

# EJAG Recommendations for Incentives Spending Plan in 2023-24 District Budget

Environmental Justice Advisory Group  
January 26, 2023

# District Incentive Program Success

- Since 1992 the District has reduced 240,788 tons of emissions through \$5.0 billion in public/private funding to purchase, replace, or retrofit thousands of pieces of equipment.
- Over the past 10 years :
  - 910 ag pump engines
  - 9,050 ag equipment replacements
  - 129 off road equipment repowers
  - 3,600 heavy-duty trucks
  - 77 school bus retrofits
  - 190 school bus replacements
  - 5,800 lawnmower replacements
  - 159,520 (acres) Alt Ag Burn
  - 22,960 fireplace change-outs
  - 143,120 commuter subsidies
  - 36 locomotive replacements
  - 25,100 new alt fuel light duty vehicles
  - 5,072 vehicle retirements
  - 75,336 vehicle emission repairs
  - 7 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 2022-23 includes \$564 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

# 2022-23 Fiscal Year Spending Plan

## Heavy Duty Equipment Programs

- Ag Equipment Replacement - \$187,992,200 – *EJAG Recommendation*
- Ag Pump Replacement - \$3,000,000– *EJAG Recommendation*
- Alternative Fuel Infrastructure - \$19,000,000
- Dairy Feed Mixer Electrification Program - \$9,000,000
- Electric Ag UTV - \$10,000,000
- Electric Yard Trucks - \$4,233,400
- Emergency Vehicle Replacement - \$2,000,000
- Locomotives - \$6,177,100
- Low-Dust Harvester Replacement - \$2,000,000
- Truck Replacement Program \$16,611,100 – *EJAG Recommendation*

# 2022-23 Fiscal Year Spending Plan

## Community Incentives

- Burn Cleaner - \$10,323,900 – *EJAG Recommendation*
- Commercial Lawn and Garden - \$1,000,000
- Drive Clean Rebate Program - \$12,115,700
- Drive Clean Repair Program - \$11,000,000 – *EJAG Recommendation*
- Drive Clean Replacement Program - \$23,038,100 – *EJAG Recommendation*
- REMOVE Program \$459,600 – *EJAG Recommendation*
- Residential Lawn and Garden \$620,700
- Miscellaneous Incentive – \$111,800

# 2022-23 Fiscal Year Spending Plan

## AB 617

- Ag Equipment Replacement - \$1,779,433 – EJAG Recommendation
- Ag Pump Replacement - \$50,000
- Air Filtration in Schools - \$4,340,000
- Alternative Fuel Infrastructure – \$750,000
- Bicycle Lane Infrastructure - \$1,000,000 – EJAG Recommendation
- Burn Cleaner - \$425,000 – EJAG Recommendation
- Car Sharing Program - \$1,000,000
- Charge Up Program - \$125,000
- Commercial Lawn and Garden - \$85,000
- Community Air Protection Fund Programs - \$63,103,318.29



# 2022-23 Fiscal Year Spending Plan

## AB 617 Continued

- Drive Clean Repair Program (Tune-In Tune-Up) - \$500,000
- Drive Clean Replacement Program - \$2,700,000
- Education Training for EV Mechanics - \$150,000
- Electric Yard Trucks – \$1,350,000
- Enhanced Vehicle Replacement with EV's - \$6,000,000
- Heavy-Duty Truck Charging - \$1,100,000
- Locomotives (Railcar Movers and Switchers) - \$11,700,000
- Low-Dust Nut Harvester Equipment Replacement - \$427,591
- On-Field Alternatives to Open Burning - \$250,000
- Public Benefits - \$350,000
- Residential Air Filtration and Weatherization - \$1,000,000

# 2022-23 Fiscal Year Spending Plan

## AB 617 Continued

- Road Dust Paving and Sidewalk Installations - \$2,000,000
- School Bus Replacement - \$13,215,861
- Solar Match - \$1,500,000
- Transit Bus Replacement (Dial-a-Ride) - \$400,000
- Truck Idling Plus-Ins - \$100,000
- Truck Replacement Program - \$8,500,000
- Truck Rerouting Study - \$500,000
- Underfired Charbroilers - \$1,350,000
- Vegetative Barriers/Urban Greening - \$4,055,000

# 2022-23 Fiscal Year Spending Plan

## Advanced Transportation/Vehicles/Non-Mobile/Technology Advancement

- Advanced Transportation/Vehicles
  - Charge Up Program - \$4,000,000
  - Public Benefit Grant Program - \$10,000,000
  - Volkswagen Mitigation Trust - \$20,858,500
- Non-Mobile Programs
  - On-field Alternatives to Open Burning - \$89,503,400
- Technology Advancement
  - Technology Advancement Program - \$975,000
  - Air Toxics - \$189,000
  - Contingencies - \$850,000