

EDC Air Quality Management District Operations Overview and 2019/2020 Proposed Budget

AQMD works to improve air quality
and quality of life
for El Dorado County residents

Regulatory Program Implementation to Ensure Compliance with Emissions Control Requirements

- Stationary Sources
- Portable Equipment
- Construction Site Dust
- Residential Burning
- Prescribed Burning



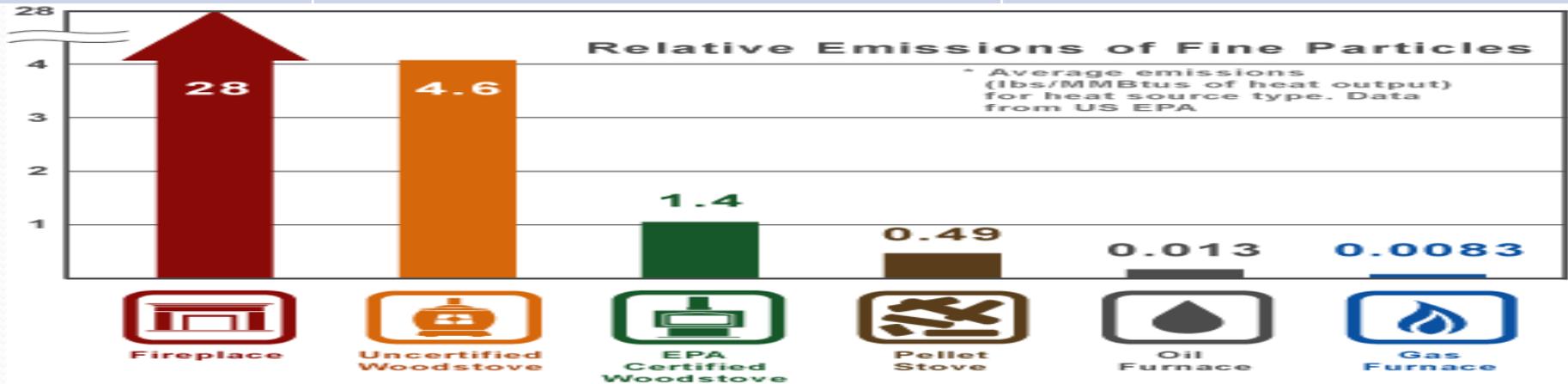
Incentivizing Emission Reductions from Area and Mobile Sources

- Woodstoves
- School Buses, Trucks and Equipment
- Motor Vehicle Emission Reduction Projects
- Electric Vehicle Incentive
- Electric Vehicle Charging Infrastructure
- Lawn Mowers
- Particulate Matter Sensors



Grants	Projects	19/20 Appropriation
AB 197	Emissions Inventory Reporting	\$7,500
AB 617	Air sensors at schools and other	\$22,659
AB 923	School Buses	\$387,000
AB 2766	Shuttles, Bike Paths, Charging Stations, EVs, PHEVs	\$774,000
SB 1260/SB 690	Prescribed Fire	\$28,717
ARB: Subvention	Wood Stoves	\$95,687
ARB: Cap & Trade Proceeds <ul style="list-style-type: none"> • El Dorado • Placer • Amador 	Wood Stoves	\$442,750
ARB: Moyer	Diesel engines, lawn mowers, charging stations	\$509,685
ARB: FARMER	Logging and off road equipment	\$591,300

Challenges	Actions	Emission Reduction Progress
Wildfire Smoke	Prescribed Burn Acres 2016: 10,680 requested, 5,359 burned 2017: 15,659 requested, 6,659 burned 2018: 9,684 requested, 4,597 burned	Prescribed PM 1,564 tons/acre Wildfire PM 3,129 ton/acre
Residential Burning Smoke	Implemented burn violators training course, patrol and 24/7 compliant response	Reduced illegal materials burning and burning on unfavorable days.
Wood Stove Smoke	To date 1,070 old uncertified wood stoves have been replaced with cleaner appliances.	PM 46 tons/year NOx 2 tons/year CO 159 tons/year GHG 4,977 tons/year
Asbestos and Fugitive Dust	2017: 455 plans for 664 acres. Inspections, Sampling and Patrol.	TSP 1.2 tons/acre/month during construction.
Diesel Engines	To date 208 diesel vehicles and equipment replaced with cleaner burning engines.	PM 10 tons/year NOx 84 tons/year



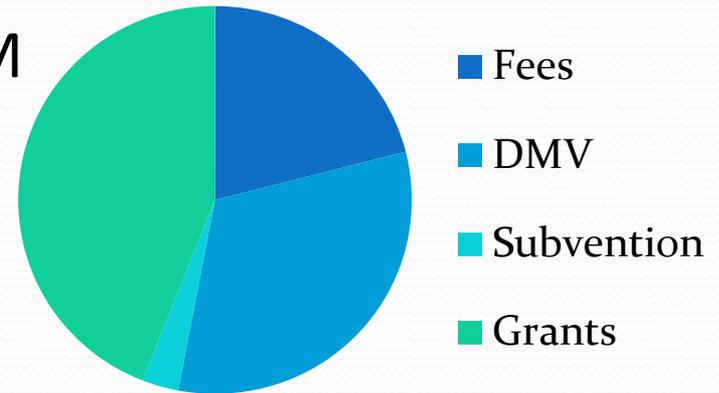
Challenges	Actions	Emission Reduction Progress
School Buses	66 Buses Replaced/Retrofit 2 E Bus	PM 0.12 tons/year NOx 3.23 tons/year
Light Duty Vehicles ICE to EV	223 EVs 113 PHEVs 2 HFC 18 EV & PHEV for County Fleet	PM <1 ton/year NOx 2.3 tons/year CO 29 tons/year GHG 1211 tons/year
Public EVSE	8 EVSE 2013 117 EVSE 2019 (53 by AQMD)	Indirect
Lawn Mower Emissions (CLIP)	Program initiated 4/2/18. 264 replacements to date	PM <1 ton/year NOx <1 ton/year
MVER Project Grants	Shuttles, Vehicle Replacements, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education...	Varies



19/20 Proposed Budget

- Total \$7.15M
- Fund Balance \$3.5M, Revenue \$3.6M
- Net County Cost \$0
- Revenue:
 - Fees - 21%
 - Vehicle Registration - 32%
 - Subvention - 3%
 - Grants - 44%
- Expenditures:
 - 9 FTE - 18%
 - Incentive/Grant Programs - 67%
 - Operations and Office Building Allocation 15%

Revenue



Expenditures

