

EDC Air Quality Management District Operations Overview and 2018/2019 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



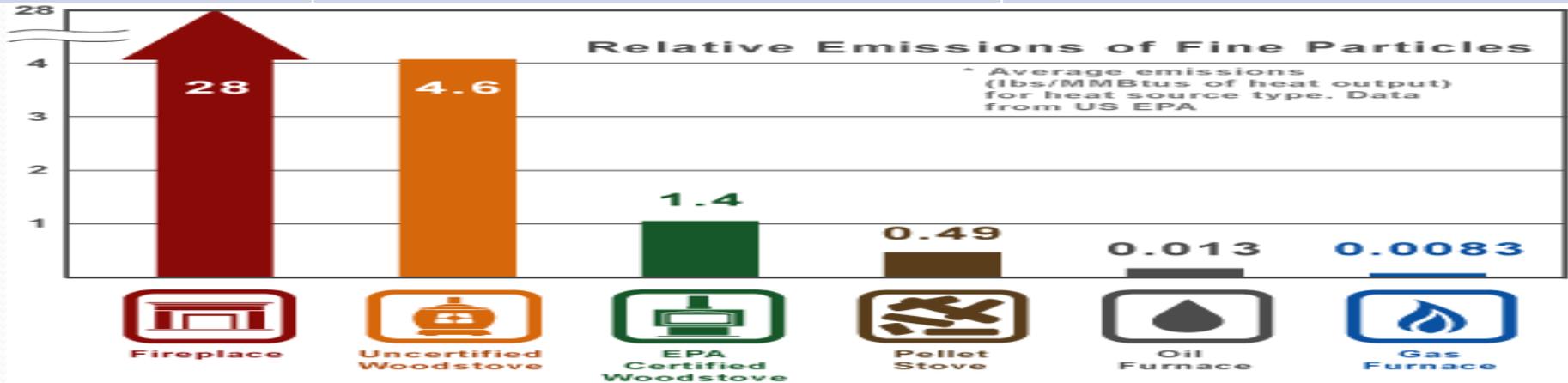
Incentivizing Emission Reductions from Area and Mobile Sources

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



Grants	Projects	18/19 Allocation
AB 197	Emissions Inventory Reporting	\$15,000
AB 617	Air sensors at schools and other	\$30,565
AB 923	School Buses	\$387,000
AB 2766	Shuttles, Bike Paths, Charging Stations, EVs, PHEVs	\$774,000
ARB: Subvention	Wood Stoves	\$96,738
TRPA	Wood Stoves (South Lake Tahoe)	\$20,000
ARB: Cap & Trade Proceeds <ul style="list-style-type: none"> • El Dorado • Placer • Amador (TBD) 	Wood Stoves	\$498,750 += <ul style="list-style-type: none"> • 375,000 • 125,000 • 100,000 (?)
ARB: Moyer standard	Diesel engines, lawn mowers, charging stations	\$375,005
ARB: Moyer RAP	Ag Tractor	\$27,634
ARB: Moyer FARMER	Logging and off road equipment	Splitting \$2M
ARB: Moyer C&T AB 134	Any Moyer Eligible	Splitting \$2M
Sierra Health Foundation (TBD)	Indoor Air Filters for Schools	(\$15,000)

Challenges	Actions	Emission Reduction Progress
Wildfire Smoke	Prescribed Burn Acres 2015: 15,935 requested, 11,033 burned 2016: 10,680 requested, 5,359 burned 2017: 15,659 requested, 6,593 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 shifted burning to favorable days.
Wood Stove Smoke	To date 758 old uncertified wood stoves replaced with cleaner appliances.	PM 33 tons/year NOx 2 tons/year CO 116 tons/year GHG 4,533 tons/year
Asbestos and Fugitive Dust	2017: 440 plans for 544 acres. Inspections, Sampling and Patrol.	TSP 1.2 tons/acre/month during construction.
Diesel Engines (Thanks SMAQMD)	To date 206 diesel vehicles and equipment replaced with cleaner burning engines.	PM 10 tons/year NOx 84 tons/year



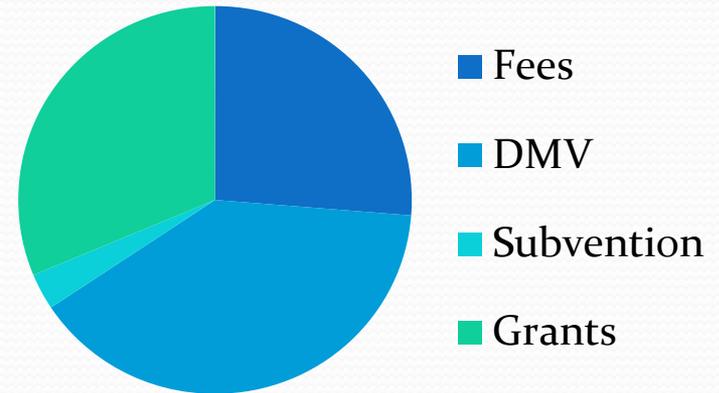
Challenges	Actions	Emission Reduction Progress
School Buses	40 Buses Replaced/Retrofit 1 E Bus Rescue School District	PM 0.12 tons/year NOx 3.23 tons/year
Light Duty Vehicles • ICE to EV	106 EVs 74 PHEVs 2 HFC 18 EV & PHEV for County Fleet	PM <1 ton/year NOx 2.3 tons/year CO 29 tons/year GHG 1211 tons/year
• Public EVSE	8 EVSE 2013 102 EVSE 2018 (39 by AQMD)	Indirect
• Residential EVSE	Program recently approved (!), but with limitations.	Indirect
Lawn Mower Emissions	Program implemented 4/2/18. 85 Applications, 54 replacements completed	PM <1 ton/year NOx <1 ton/year
MVER Project Grants	Shuttles, Vehicle Replacements, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education...	Varies



18/19 Proposed Budget

- Total \$6.8M
- Fund Balance \$3.8M, Revenue \$3M
- Net County Cost \$0
- Revenue:
 - Fees - 26%
 - Vehicle Registration - 39%
 - Subvention - 3%
 - Grants - 31%
- Expenditures:
 - 8 FTE - 16%
 - Incentive Programs - 65%
 - Operations and Office Building Allocation 19%

Revenue



Expenditures

