



El Dorado County

Air Quality Management District

Operations Overview and FY2023/24 Proposed Budget

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

County Air Pollution Control District Budgeting

Dictated by California Health and Safety
Code – Sections 40130 & 40131

- Requires air districts to adopt their budgets in an open process, separate from other County budget processes, to ensure opportunity for the public to participate and comment on its budget prior to adoption.
- Requires that air district proposed budgets be made available to the public 30 days before the public hearing.
- Requires that air districts notify all current permit holders of the date/time/location of the public hearing and about the availability of the proposed budgets. Notifications were mailed to all EDC permittees.
- Requires that the public hearings are held at least 2 weeks before the meeting at which air district budgets are adopted.



Regulatory Program Implementation

Ensures compliance with emissions
control requirements

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

Incentivizing Emission Reductions from Area and Mobile Sources

- Woodstove Replacement Incentive (Chimney Smoke RIP)
- Electric / Plug-in Hybrid Vehicle Incentive (Drive Clean!)
- Electric Vehicle Charging Infrastructure
- Electric Lawnmower Incentive (CLIP)
- School Buses, Heavy Duty Trucks and Construction/Agricultural Equipment
- Motor Vehicle Emission Reduction Projects



FY2022-23 Grant & Incentive Accomplishments

(thru May 18, 2023)

- Awarded AB923 grants to replace 11 school buses for 7 districts.
- Awarded Carl Moyer grants to replace 6 agricultural tractors.
- Awarded FARMER grants to replace 3 ag tractors and 1 gas ag UTV.
- Awarded AB2766 grants to County businesses to install 4 EV chargers.
- Incentivized the replacement of 113 gas lawnmowers with cordless electric lawnmowers.
- Incentivized the replacement of 65 non-EPA certified woodstoves in El Dorado County, and 9 in Placer County.
- Incentivized the purchase of 54 electric or plug-in-hybrid vehicles.

Challenge	Action	Emission Reduction Progress
Wildfire Smoke	Prescribed burn acres: 2018: 9,122 requested – 4,630 burned 2019: 9,712 requested – 4,797 burned 2020: 6,044 requested – 3,935 burned 2021: 1,494 requested – 1,400 burned 2022: 3,569 requested – 3,176 burned	Prescribed PM: 1,564 tons/acre Wildfire PM: 3,129 tons/acre
Residential Burning Smoke	Administered burn violators training course, patrol, and 24/7 complaint response	Reduced illegal materials burning and burning on unfavorable days
Wood Stove Smoke	To date 1,508 old uncertified wood stoves have been replaced with cleaner appliances	PM: 61.2 tons/year NOx: 1.6 tons/year CO: 221.4 tons/year GHG: 6493 tons/year
Asbestos and Fugitive Dust	2022: 505 dust plans were processed and approved. Inspections, sampling, and patrol	TSP: 1.2 tons/acre/month
Heavy Duty Diesel Vehicles	To date, 223 diesel vehicles and equipment replaced with cleaner burning engines.	PM: 10 tons/year NOx: 84 tons/year

Challenge	Action	Emission Reduction Progress
School Buses and other Heavy Duty Vehicles	70 Buses Replaced/Retrofitted Ag Equipment (tractors, lifts, etc) Replaced	PM: 0.12 tons/year NOx: 3.57 tons/year
Drive Clean! Light duty vehicles ICE to EV	546 Electric Vehicles 174 Plug-in Hybrid Electric Vehicles 2 Hydrogen Fuel Cell Vehicles <i>22 EV & PHEV for County Fleet</i>	PM: <1 ton/year NOx: 17.4 tons/year CO: 224 tons/year GHG: 9,339 tons/year <i>22.6M emission-free miles since start of program!</i>
EVSE – Electric Vehicle Supply Equipment	8 EVSE in El Dorado County in 2013 ~200 EVSE in El Dorado County in 2022 <i>105 funded by AQMD</i>	Indirect emission reduction
Projects for Motor Vehicle Emission Reduction	Shuttles, Vehicle Replacement, Transit Fares, Sidewalks, Bike Paths, Video Conferencing, Public Education, etc...	Varies by project
Clean Lawnmower Incentive Program (CLIP)	Over 930 gas mowers traded in for cordless zero emission electric lawnmowers since the incentive program started in April 2018	PM: <1 tons/year NOx: <1 tons/year

Federal or State Grant	Projects Funded	Proposed 23/24 Budget	Awarded / Under Contract
EPA: Targeted Airshed Grant	Wood Stoves (west El Dorado & Placer), Roadway Paving in El Dorado County, and Biomass Chipping in El Dorado County	\$1,497,845	\$1,017,631
DMV: AB923	School Buses, eligible engine / vehicle replacement	\$2,667,306	\$1,815,000
DMV: AB2766	Shuttles, EV Charging Stations, EVs, PHEVs, Vehicle Emission Projects	\$1,851,441	\$259,387
ARB: Carl Moyer Program	Diesel engines, eligible school and transit buses, electric lawn & garden equipment	\$1,832,811	\$661,549
ARB: FARMER	Agricultural off road equipment	\$222,000	-
ARB: Subvention	Wood Stoves (standard \$ - east EDC)	\$53,213	-
ARB: AB617 CAP Incentives	Wood Stoves (low income - east EDC)	\$46,796	-
ARB: Cap & Trade Proceeds	Wood Stoves – Remainder of Round 2 of State Funding	\$10,170	-
ARB: AB617 Implementation	Community Air Monitoring	\$15,430	-
ARB: Prescribed Burn Grant	Monitoring PM2.5 air quality and reporting Prescribed Burn Data	\$50,100	-
ARB: AB197	District Emission Inventory	\$8,583	-

Grant Revenue

FY 2023/24 Budgeted use of new grant funds and carryover grant fund balance.

Summary – FY2023/24 Proposed Budget

Total Revenue Budget - \$10.16M

- Use of fund balance - *\$4.75M

(approx. \$3.75M awarded & under contract)

**Moving \$290,422 out of designated fund balance*

- New Revenue - \$5.41M

- *Federal & State Grants And State Programs*

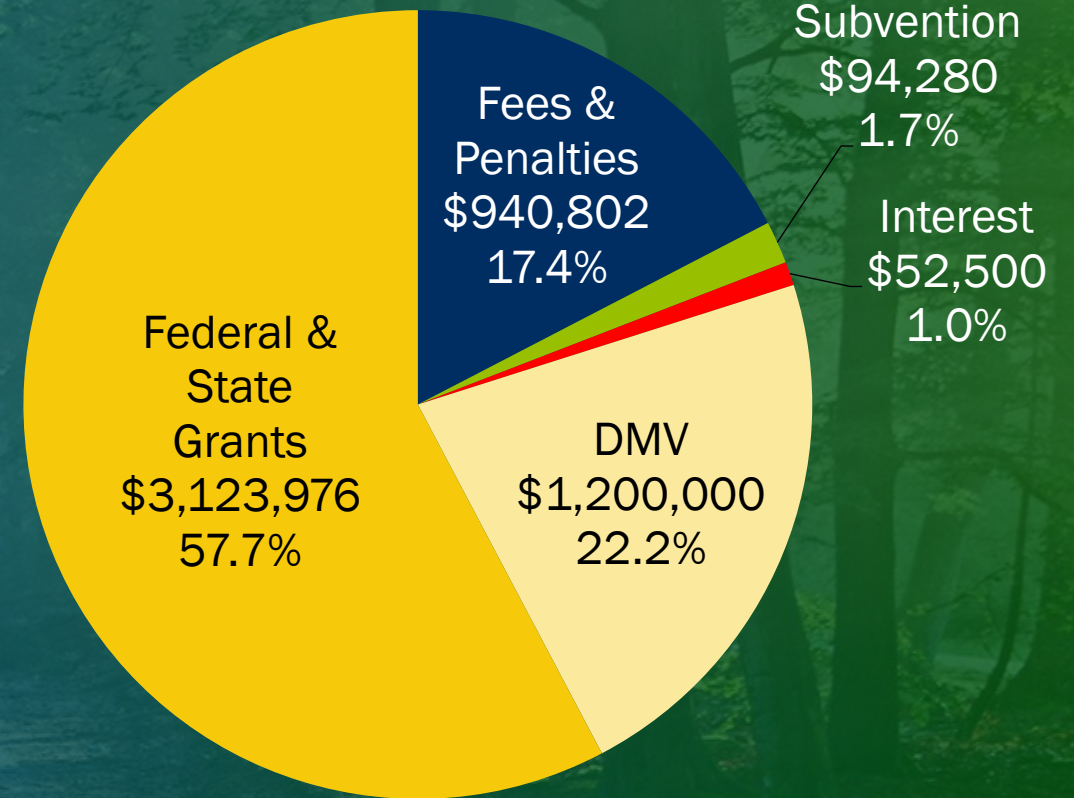
- *DMV Vehicle Registration*

- *Operating Permit and Dust Mitigation Plan Fees & Penalties*

- *Subvention Funding*

- *Interest Earned*

New Revenue Breakdown

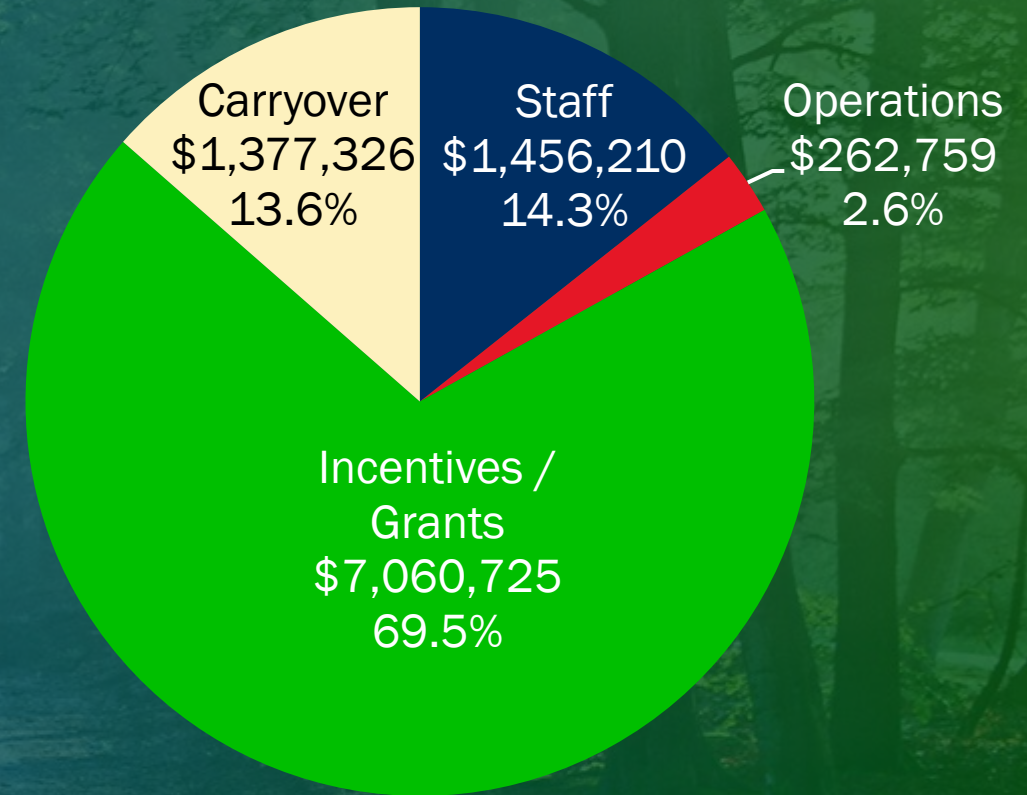


Summary – FY2023/24 Proposed Budget

Total Expenditure Budget - \$10.16M

- *9.0 FTE Salary & Benefits*
- *Other Operations Costs*
- *Incentive/Grant Programs*
- *Appropriation for Contingencies
(Carryover into future fiscal years)*

Expenditure Breakdown



THANK YOU!

District Phone

(530) 621-7501

Website

edcgov.us/airqualitymanagement



EDCCleanAir.org