

Actions by the Governing Board – February 17, 2022

District Governing Board Receives Update on Incentive Program to Support On-Field Alternatives to the Open Burning of Agricultural Materials

The Valley Air District Governing Board received an update on the implementation of the District's Alternatives to Agricultural Burning Incentive Program. To support the Valley's ongoing phase-out of agricultural open burning, in 2018 the District Governing Board authorized the creation of the Alternatives to Agricultural Burning Incentive Program. Since the launch in 2018, the District has seen a very strong demand for this program with more than \$25.3 million in local funding obligated to alternative practices. Since the program was re-launched in September 2021, the demand for the program has increased substantially. In fact, over the past five months, the District has obligated more than \$26.7 million in funding, which surpasses the total amount obligated in the three years prior (\$25.3 million). Since the September 2021 program re-launch, the District has executed an average of \$5.3 million in contracts per month and continues to see a significant increase in applications month by month. Overall, the program has resulted in the deployment of alternative practices at over 83,000 acres of orchard and vineyard removals, for nearly 2,300,000 tons of agricultural materials, resulting in the reduction of 4,455 tons of NOx, 8,170 tons of PM and 6,714 tons of ROG emissions.

Accept and Appropriate \$36 Million in State Cap and Trade Funding for Two Zero Emission Demonstration Projects

The Valley Air District Governing Board accepted \$36.6 million in state funding for two heavy-duty zero emission truck demonstration projects in the San Joaquin Valley. The Valley Air District has been awarded funding through the joint California Energy Commission and California Air Resources Board solicitation for Zero-Emission Drayage Truck and Infrastructure Pilot Projects. One of the projects will deploy 50 zero-emission, battery electric Volvo trucks and install supporting fast-charging infrastructure at a large distribution center operated by Albertsons in Tracy and will receive \$23.4 million in state funding. The second project will deploy 50 zero-emission battery electric Tesla trucks, install supporting fast-charging infrastructure and a battery energy storage solution at Pepsi Beverages Company in Fresno and will receive \$13.2 million in state funding. These projects are expected to be in operation by mid-2023 and will result in a reduction of criteria pollutants, toxic air contaminants, and greenhouse gas emissions in and around freight facilities while also providing economic, environmental and public health benefits to disadvantaged and low-income communities throughout the region.

January District Activities

Outreach and Communications

- In January, the District promoted the acceptance of more than \$20 million in additional funding from the EPA's highly competitive 2021 Targeted Air Shed Grant Program. The funds will replace old agricultural tractors, heavy-duty trucks and wood-burning devices. Eight million will support the District's Tractor Replacement Program and will help replace about 210 older tractors with new, cleaner Tier 4 tractors. Another \$8 million will fund the replacement of about 5,760 wood-burning devices in the District's Burn Cleaner Program. The remaining \$4 million will help replace about 56 older, diesel-powered trucks with new, near-zero or zero-emission trucks through the District's Truck Replacement Program. To learn more about these grants, visit valleyair.org/grants.
- The District promoted this year's winners of the 2022 Healthy Air Living Kids Calendar Contest. Artwork from 14 students were selected out of entries from throughout the Valley's

eight counties. To view, download and print your own copy of the calendar, visit valleyair.org/kidscalendar.

- In January, District staff responded to 5 media calls, 27 public calls, 14 emails, and participated in zero virtual events/presentations.

Grants and Incentive Programs

- In January, the District received 1,478 incentive program applications. 372 were for the Burn Cleaner Wood Stove Change-Out Program and 258 were for the Heavy Duty Engine Program.
- In January, \$17,564,808.54 was placed under contract in the Heavy Duty Engine Program and \$10,723,015.54 in claims was paid.
- In January, \$1,397,920.70 was paid out in Light Duty and REMOVE II program claims.
- In January, \$420,250.00 was paid out in Burn Cleaner program claims.

	January 2022	Applications	Grants Offered		Grants Executed		Amount Paid
Key	Program	Number Received & Entered	Number of Contracts Sent Out	Sum of Grant Funding	Number of Contracts Executed	Sum of Grant Funding	Sum of Grant Funding
Burn Cleaner	Burn Cleaner – Wood Stove Change Out	372	376	\$940,500.00	376	\$940,500.00	\$420,250.00
CAP & Trade	Demonstration – Cargo Handling	0	0	\$0.00	0	\$0.00	\$73,097.31
	Demonstration – New Electric Vehicle	0	0	\$0.00	0	\$0.00	\$80,165.18
Commuter Subsidy	Transit Bus Subsidy	0	1	\$22,818.00	1	\$22,818.00	\$0.00
Heavy Duty	Ag Burn Alternative Fleet Expansion	0	2	\$1,499,666.56	3	\$2,224,951.07	\$2,166,511.66
	Ag Burn Alternative Voucher	99	99	\$2,507,840.78	99	\$2,507,840.78	\$351,402.00
	Ag Engine Diesel to Electric	1	0	\$0.00	0	\$0.00	\$0.00
	Ag-UTV Vehicle Replacement	1	60	\$810,000.00	60	\$810,000.00	\$140,739.81
	Dairy Feed Mixer Electrification	0	1	\$3,171,382.41	0	\$0.00	\$810,999.45
	Infrastructure Alternative Fuel	4	0	\$0.00	0	\$0.00	\$0.00
	Off-Road Ag Vehicle Replacement	142	104	\$7,681,819.80	73	\$5,067,700.15	\$5,531,198.72
	Off-Road Ag Vehicle Replacement 2 for 1	3	0	\$0.00	0	\$0.00	\$0.00
	Off-Road Engine Repower	1	0	\$0.00	0	\$0.00	\$0.00

	Off-Road Low-Dust Harvester Replacement	5	4	\$402,302.01	2	\$243,151.57	\$1,015,563.90
	Off-Road Tractor Trade-Up	0	0	\$0.00	0	\$0.00	\$96,600.00
	On-Road Emergency Vehicle Replacement	0	3	\$551,657.00	1	\$67,147.00	\$0.00
	On-Road Trade-Up	1	0	\$0.00	0	\$0.00	\$500,000.00
	On-Road Truck Replacement	1	1	\$100,000.00	1	\$100,000.00	\$100,000.00
	On-Road VIP Vehicle Replacement	0	0	\$0.00	0	\$0.00	\$10,000.00
	Yard Truck Replacement	0	6	\$840,139.98	6	\$840,139.98	\$0.00
Lawn & Garden	Commercial Replacement	12	0	\$0.00	0	\$0.00	\$0.00
	Residential New Purchase	52	38	\$1,567.47	38	\$1,567.47	\$750.00
	Residential Replacement	37	29	\$7,732.85	29	\$7,732.85	\$5,549.50
Light Duty	Charge Up EV Charger – Private	4	2	\$45,000.00	2	\$45,000.00	\$24,000.00
	Charge Up EV Charger – Public	2	12	\$224,000.00	12	\$224,000.00	\$0.00
	Drive Clean – EV Vehicle Rebate	427	436	\$1,250,000.00	436	\$1,250,000.00	\$791,000.00
	EFMP EV Charger – Residential	0	0	\$0.00	0	\$0.00	\$1,787.40
	EFMP Replacement	155	0	\$0.00	0	\$0.00	\$9,500.00
	TITU Admin/Events	2	2	\$38,600.84	2	\$38,600.84	\$38,600.84
	TITU Payroll	4	6	\$164,991.60	6	\$164,991.60	\$47,888.60
	TITU Repairs	140	129	\$534,680.01	129	\$534,680.01	\$484,123.86
Van Pool Agency CFP	8	9	\$14,880.00	9	\$14,880.00	\$1,020.00	
Public Benefit	Alternative Fuel New Vehicle	5	23	\$420,000.00	23	\$353,910.37	\$220,000.00
Technology Advancement	Technology Advancement – RFP	0	0	\$0.00	0	\$0.00	\$139,338.11
VW NOx Mitigation	Replacement School Bus	0	2	\$780,000.00	0	\$0.00	\$2,399,860.86
	Replacement Shuttle Bus	0	0	\$0.00	0	\$0.00	\$160,000.00
	Replacement Transit Bus	0	5	\$900,000.00	5	\$900,000.00	\$0.00
Totals		1,478	1,350	\$22,909,579.31	1,313	\$16,359,611.69	\$15,619,947.20

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
612	438	335	1,385

Smoking Vehicles	2
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Upcoming Meetings

Governing Board*

9:00 AM, Mar. 17

Citizens Advisory Committee*

10:00 AM, April 5

Environmental Justice Advisory Group

5:30 PM, Apr. 28

Meetings are held in the Fresno office Governing Board Room, Modesto VTC room and Bakersfield VTC room.

Details: www.valleyair.org

*Webcast