

Actions by the Governing Board – December 16, 2021

District Governing Board Accepts And Appropriates \$20 Million In Additional Revenue From The United States Environmental Protection Agency To Fund The Replacement Of Agricultural Tractors, Heavy-Duty Trucks And Wood Burning Devices

The District submitted three proposals to the Federal Environmental Protection Agency (EPA) in response to the highly competitive 2021 Targeted Air Shed Grant Program and subsequently approved all three clean-air projects in the San Joaquin Valley. On October 15, 2021, EPA informed the District that all three proposals were selected for funding. Our agricultural tractor replacement proposal was selected for funding in the amount of \$8,000,000, our wood burning appliance change out proposal was selected for funding in the amount of \$8,000,000 and our heavy-duty truck replacement proposal was selected for funding in the amount of \$4,768,770. The ag tractor replacement grant will help fund the replacement of approximately 526 older, high-polluting tractors with significantly cleaner Tier 4 tractors operating throughout the Valley. The wood burning appliance change out proposal will replace approximately 5,760 wood burning devices. The heavy-duty truck grant will replace approximately 56 older, high-polluting diesel powered trucks with engine model years of 2010-2016 that operate on routes that are in close proximity to dis-advantaged communities including those along the I-5 and 99 within the San Joaquin Valley with new, near-zero or zero-emission trucks.

Adopt Proposed Amendments To Rule 4905 (Natural Gas-Fired, Fan-Type Central Furnaces)

District Rule 4905 limits NO_x emissions from natural gas-fired, fan-type central furnaces with a rated heat input capacity of less than 175,000 Btu/hr and a rated cooling capacity of less than 65,000 Btu/hr for combination heating and cooling units. Amendments to the rule in 2015 included lowering the NO_x emission limit from 40 ng/J to 14 ng/J, and an associated emissions fee period for each unit type allowing manufacturers time to develop new compliant furnaces. Manufacturers have been successful in developing compliant units for all unit types except manufactured home furnaces, for which the emissions fee period expired September 30, 2021. In response to manufacturers' concerns regarding the lack of compliant units available, on December 16, 2021, the District Governing Board adopted amendments to District Rule 4905 extending the emissions fee period for manufactured home furnaces to September 30, 2023. This amendment allows additional time for the development of compliant technologies in response to COVID-19 pandemic impacts, while ensuring the availability of furnaces to Valley residents and the affordable housing market, and providing a strong incentive for the accelerated deployment of compliant units.

Adopt Proposed Amendments to Rule 4354 (Glass Melting Furnaces)

District Rule 4354 limits emissions of NO_x, CO, VOC, SO_x, and PM₁₀ emissions from glass melting furnaces. The District first adopted Rule 4354 in 1994, and in the continuous effort to improve air quality in the Valley, the rule has been amended numerous times, resulting in significant reductions in emissions. On December 16, 2021, the District Governing Board adopted amendments to Rule 4354 to include even more stringent NO_x, PM₁₀, and SO_x emission limits for glass melting facilities operating in the Valley, based on a comprehensive assessment of the latest emission control technologies. The adopted regulatory amendments satisfy the District's control measure commitment in the District's 2018 PM_{2.5} Plan, and go beyond the commitments in the Plan to support expeditious attainment of the health-based federal PM_{2.5} and ozone air quality standards. In addition, the proposed amendments address commitments included in Board/CARB-approved South Central Fresno Community Emissions Reduction Program developed through the AB 617 community engagement process.

Adopt Proposed Amendments to Rule 4352 (Solid Fuel Fired Boilers, Steam Generators, And Process Heaters)

District Rule 4352 limits emissions of NOx, CO, SOx, and PM10 from solid fuel-fired boilers, steam generators, and process heaters, including biomass and municipal solid waste facilities. The District first adopted Rule 4352 in 1994, and in the continuous effort to improve air quality in the Valley, the rule has been amended numerous times, resulting in significant reductions in emissions. On December 16, 2021, the District Governing Board adopted amendments to Rule 4352 to include even more stringent NOx limits, and to establish PM10 and SOx emission limits for applicable units operating in the Valley, based on a comprehensive assessment of the latest emission control technologies. The adopted regulatory amendments satisfy the District's control measure commitment in the District's 2018 PM2.5 Plan, and go beyond the commitments in the Plan to support expeditious attainment of the health-based federal PM2.5 and ozone air quality standards. In addition, the proposed amendments address commitments included in Board/CARB-approved South Central Fresno and Stockton Community Emissions Reduction Programs developed through the AB 617 community engagement process.

November District Activities

Outreach and Communications

- In November, the District encouraged Valley residents to upgrade their wood burning devices to natural gas units with the Burn Cleaner Program. The District asks all Valley residents to use alternatives to burning wood unless they have no other source of heat and provides significant incentives to aid in this effort through the Burn Cleaner Program, which offers Valley residents up to \$3,000 to upgrade to natural gas. To learn more please visit, valleyair.org/burncleaner.
- November 7, the District, Floyd's General Store, STIHL, and SA Recycling came together to host a Lawnmower Trade-In Event for Shafter residents who live within the boundaries of AB 617. This event provided residents the opportunity to turn in their old gas/diesel lawn mower and receive a new free cordless electric STIHL lawn mower. The event was a success, with 150 electric mowers given out to Shafter residents.
- In November, District staff responded to 9 media calls, 32 public calls, and 30 emails, and attended one event/presentations.

Grants and Incentive Programs

- In November, the District received 1,891 incentive program applications. 561 were for the Burn Cleaner Wood Stove Change-Out Program and 307 were for the Heavy Duty Engine Program.
- In November, \$26,897,107.58 was placed under contract in the Heavy Duty Engine Program and \$15,760,064.09 in claims was paid.
- In November, \$1,870,836.56 was paid out in Light Duty and REMOVE II program claims.
- In November, \$363,950.00 was paid out in Burn Cleaner program claims.

	November 2021	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	561	442	\$1,094,000.00	442	\$1,094,000.00	\$363,950.00
CAP & Trade	Demonstration – Cargo Handling	0	0	\$0.00	0	\$0.00	\$1,395,180.35
	Demonstration – New Electric Vehicle	0	0	\$0.00	0	\$0.00	\$82,110.15
Heavy Duty	Ag Burn Alternative Fleet Expansion	0	15	\$11,320,681.73	17	\$8,952,339.98	\$0.00
	Ag Burn Alternative Voucher	177	189	\$6,909,575.00	189	\$6,909,575.00	\$362,464.00
	Ag-UTV Vehicle Replacement	0	36	\$486,000.00	36	\$486,000.00	\$325,425.98
	Infrastructure Alternative Fuel	0	0	\$0.00	0	\$0.00	\$665,629.80
	Off-Road Ag Vehicle Replacement	88	109	\$7,253,460.09	86	\$5,472,265.89	\$8,342,442.33
	Off-Road Ag Vehicle Replacement 2 for 1	1	0	\$0.00	0	\$0.00	\$0.00
	Off-Road Low-Dust Harvester Replacement	5	0	\$0.00	0	\$0.00	\$1,445,213.28
	On-Road New Vehicle	23	0	\$0.00	0	\$0.00	\$0.00
	On-Road Trade-Up	8	6	\$300,000.00	0	\$0.00	\$0.00
	On-Road Truck Replacement	4	4	\$339,977.34	9	\$839,977.34	\$500,000.00
	On-Road Prop 1B Locomotive Replacement	0	0	\$0.00	0	\$0.00	\$1,243,888.70
	On-Road Prop 1B TRU Infrastructure	0	0	\$0.00	0	\$0.00	\$75,000.00
	On-Road VIP Vehicle Replacement	1	0	\$0.00	0	\$0.00	\$0.00
	School Bus Vehicle Replacement	0	0	\$0.00	0	\$0.00	\$2,800,000.00
	Yard Truck Replacement	0	2	\$287,413.42	0	\$0.00	\$0.00
Lawn & Garden	Commercial Replacement	11	10	\$6,959.25	10	\$6,959.25	\$0.00
	Residential New Purchase	46	40	\$1,925.00	40	\$1,925.00	\$1,325.00
	Residential Replacement	225	192	\$74,859.82	192	\$74,859.82	\$4,682.32

Light Duty	Charge Up EV Charger – Private	2	0	\$0.00	0	\$0.00	\$115,060.97
	Charge Up EV Charger – Public	4	6	\$300,000.00	6	\$300,000.00	\$83,000.00
	Drive Clean – EV Vehicle Rebate	370	436	\$1,264,000.00	436	\$1,264,000.00	\$939,000.00
	EFMP Charger – Residential	19	0	\$0.00	0	\$0.00	\$1,998.34
	EFMP Replacement	244	0	\$0.00	0	\$0.00	\$9,500.00
	TITU Admin/Events	2	3	\$50,872.22	3	\$50,872.22	\$50,870.32
	TITU Payroll	5	4	\$98,301.41	4	\$98,301.41	\$37,133.98
	TITU Repairs	61	158	\$656,632.02	158	\$656,632.02	\$604,452.95
	Van Pool Agency CFP	12	13	\$17,970.00	13	\$17,970.00	\$29,820.00
Public Benefit	Alternative Fuel New Vehicle	16	0	\$0.00	0	\$0.00	\$99,998.40
	Alternative Fuel Training	1	0	\$0.00	0	\$0.00	\$0.00
VW NOx Mitigation	Replacement Shuttle Bus	5	0	\$0.00	0	\$0.00	\$0.00
Totals		1,891	1,665	\$30,462,627.30	1,641	\$26,225,677.93	\$19,579,157.37

Reductions from Executed Contracts (tons)			
NOx	PM	ROG	Total
865	948	753	2,566

Smoking Vehicles	2
-------------------------	----------

Operations Overview

- Completed 2,082 inspections in November and 287 NOVs were issued. Mutual settlement case completions totaled 138.
- Received 170 permit applications in November, and 149 permits were issued.
- Received 164 environmental documents in November.

Upcoming Meetings

Governing Board*
9:00 AM, Jan. 20

Citizens Advisory Committee*
10:00 AM, Feb. 1

Environmental Justice Advisory Group
5:30 PM, Jan. 27

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

Details: www.valleyair.org

*Webcast