



**MONTEREY BAY AIR RESOURCES DISTRICT
ADVISORY COMMITTEE MEETING
THURSDAY, MARCH 4, 2021 – 1:30 P.M.**

REMOTE MEETING ONLY

On March 12, 2020, Governor Newsom issued Executive Order N-29-20, which enhances State and Local Governments' ability to respond to COVID-19 Pandemic based on Guidance for Gatherings issued by the California Department of Public Health. The Executive Order specifically allows local legislative bodies to hold meetings via teleconference and to make meetings accessible electronically, in order to protect public health. In light of this, the March 4, 2021 meeting of the MBARD Advisory Committee was held via Zoom webinar.

Summary of Actions

1. Call to Order – **The meeting was called to order by Chair Brennan at 1:35 pm.**
2. Roll Call - **Present:** Allen Stroh, Bob Smith, David Mack, Janet Brennan, Sandy Swint, Scott Storm, Spencer Critchley. **Excused:** Jay Tufano, Jeff Davis, Sandy Coplin.
3. Changes to the Agenda - **None**
4. Public Comment Period – **None.**
5. **Accepted and Filed** Summary of Actions for the Advisory Committee Meeting of February 4, 2021
Accepted and filed by consensus.
6. **Received** a Presentation on Motor Vehicle Emission-Reduction Grants Using AB 2766 Funds and
Provided Comments and Recommendations for the Board of Directors' Consideration
7. **Received** Monthly Oral Report from Air Pollution Control Officer
Richard Stedman, Air Pollution Control Officer, reported on the following:
Engineering
 - Inspectors resumed in-person, physically distanced inspections with the lifting of the state's regional stay at home order.
 - Engineering attended a public workshop hosted by the California Air Resources Board to review the 15-day changes to the criteria and toxic reporting regulation (CTR). Proposed changes will require annual emission reporting for smaller sources beginning in 2025.
 - Engineering will host a meeting for facilities subject to the current version of CTR on February 24. Current reporting includes about 16 facilities and the 2020 data represents

the first year facilities begin annual reporting of toxic emissions, previously they were only required to annually report criteria pollutant emissions.

- Implementation of Accela is moving forward. Second data conversion will be loaded this week from TRAKIT into Accela and daily user training has been scheduled for March.

Planning and Air Monitoring

- Woodstove Change Out Program, which incentivizes the replacement of non-EPA certified woodstoves with cleaner burning alternatives such as natural gas and propane, is now open to all residents in the District. So far, 63 applications have been received; six are low income. \$96,000 is obligated, with \$63,000 or 40% of funds remaining.
- Applications are now being accepted for the Diesel Engine and Equipment Replacement Program, which uses State grant funds for replacing higher polluting diesel equipment with cleaner burning models. The application period ends on March 19.
- A new air monitoring station was installed this month at the San Juan Bautista Elementary School to measure PM10. This station was required to be installed in San Benito County by federal regulation due to an exceedance of >80% of the National Ambient Air Quality Standard (150ug/m3) in October 2019 at the Hollister air monitoring station.
- Funds for EV Incentive Program were exhausted in December. Purchase or lease of 244 vehicles were incentivized. Six were for low-income residents. This year close to \$500K was spent in approximately 6 months.

Outreach


- We still have spots running with KSBW, KPIG, KAZU, and Entravision (Spanish).
- ***Following the APCO report, public comment was received from Brian McCarthy regarding the odor in Marina issue.***

8. Future Agenda Items – **None.**
9. Chairman’s Comments – **None.**
10. Comments from Committee Members – **None.**
11. Order for Adjournment – **The meeting was adjourned at 2:37 pm.**

Ann O’Rourke
Executive Assistant


FY21-22 AB2766 Motor Vehicle Emission Reduction Program

Alan Romero, Air Quality Planner III
March 4, 2021
Virtual Advisory Committee Meeting



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FY 18-19, City of Soledad: East St./Metz Rd. Roundabout Project



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AB2766 Background

The AB2766 Motor Vehicle Emission Reduction Grant Program's primary objective is to solicit and fund cost-effective motor vehicle direct emission reduction projects per the California Health and Safety Code §44220




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FY 18-19, City of Salinas East Boronda Road Roundabout Project




- Boronda Rd. and McKinnon St. (Phase 1)
- Boronda Rd. and El Dorado St. (Phase 2)
- Boronda Rd. and Natividad Rd. (Phase 2)
- Boronda Rd. and Independence Blvd. (Phase 3)



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FY21-22 AB2766

- Clean Air Management Program:
 - Roundabout Design and Construction
 - Adaptive Traffic Signal Control
 - Advanced Clean Transportation:
 - Public Agency
 - Private Sector, proposed addition
- Clean Vehicle Program:
 - EV Voucher Replacement Incentives for Public Agencies
 - EVIP for residents in Santa Cruz, San Benito and Monterey:
 - Light Duty BEV and PHEV
 - E-Motorcycles
 - E-Bicycles, proposed addition



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FY 13-14 through FY20-21, City of Monterey: Four ATSC Projects



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FY 13-14 through FY20-21, City of Monterey: Four ATSC Projects

- FY 13-14 Phase 1: Lighthouse Ave. ***3.1 TPY**
- FY 15-16 Phase 2: Del Monte Ave. and Fremont St. ***3.2 TPY**
- FY 17-18 Phase 3: Phase I and 2 expansion **10.8 TPY**
- FY 19-20 Phase 3: Munras Ave. and Foam St. **7.8 TPY**
- FY 20-21 Phase 4: Pacific St. and Franklin St. **1.4 TPY**




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FY 18-19 City of Santa Cruz: Electric Trolley Project





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City of Watsonville: Two Operational ATSC Projects




FY14-15 After Project Emission Reduction: **1.2 TPY**
 FY16-17 After Project Emission Reduction: **2.1 TPY**




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FY 18-19 City of Santa Cruz: Electric Trolley Project




- **Phoenix Motorcars:**
(2) Zeus 400s, 14 passenger w/ wheelchair lift, Built in Ontario, CA
- **First Vehicle delivered 12/19**
- **Second Vehicle delivered 12/20**




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FY 19-20, City of Capitola: 41st Avenue ATSC Project



Two Corridors as a Joint ATSC Project:

- **Soquel Drive – County of Santa Cruz**
- **41st Avenue – City of Capitola**
- **13 Signal Controlled Intersections**



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FY18-19, FY19-20, MST: Gillig Full Electric Bus




Delivery of Two in 2021



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FY19-20, City of Salinas Fleet Electrification Project




Phoenix All -Electric Next Generation Drive System E-200

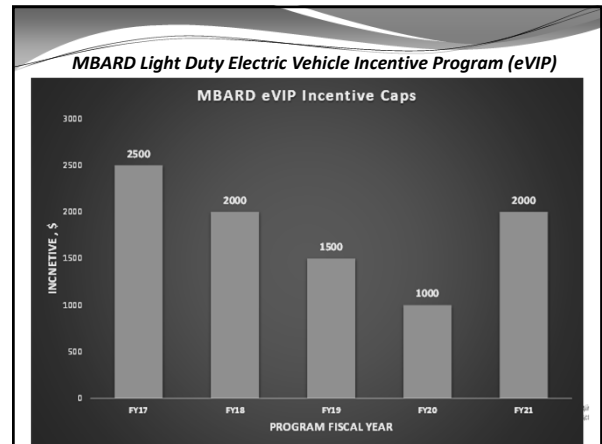
- Permanent high power magnet motor + inverter
- 105 kWh battery pack
- **Up to 110 Miles All Electric Range per Charge**
- Dual charging capability
 - CHAdeMO compliant level III – 50 kW
 - J1772 level II charging -13 kW
- GVWR 14,500 lbs.
- Dual Mode Regenerative Braking
- Max Speed 58 mph (option available for 65 mph)
- Acceleration 0-50 mph under 14 seconds.
- Phoenix Telematics System – Phoenix Connect

Delivery in 2021:

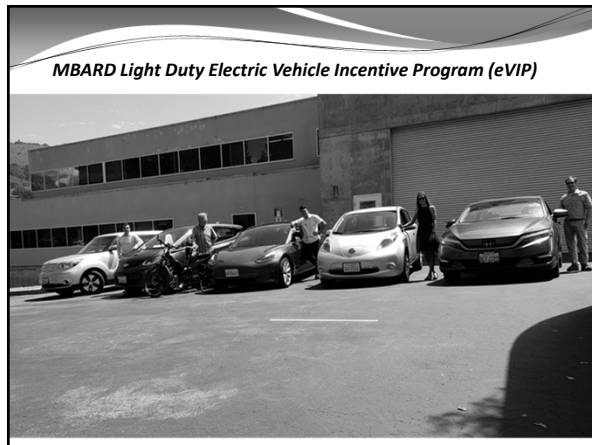
- Two Flat-bed Trucks
- One Box Truck



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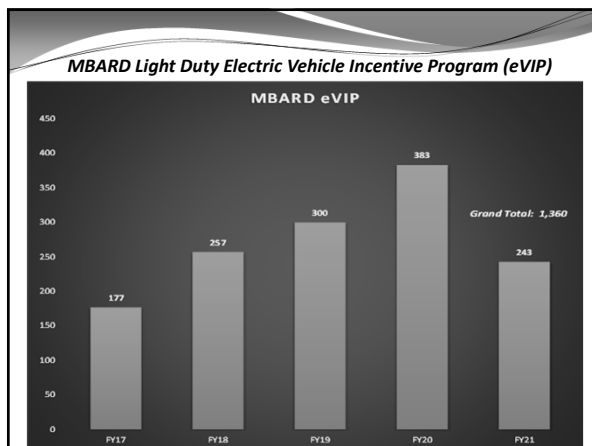
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FY21-22 AB2766 Proposed Funding

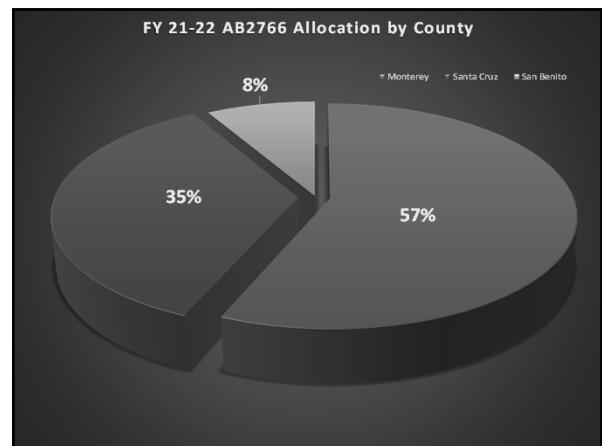
- **Clean Air Management Program: \$1.2M**
 - Roundabout Design and Construction - \$400K
 - Adaptive Traffic Signal Control - \$400K
 - Advanced Clean Transportation:
 - Public Agency - \$400K
 - Private Sector (proposed program addition) - \$200K
- **Clean Vehicle Program: \$500K**
 - EV Voucher Replacement Incentives for Public Agencies
 - eVIP for residents in Santa Cruz, San Benito and Monterey:
 - Light Duty BEV and PHEV - (\$2000 FY20-21) \$1000
 - E-Motorcycles - (\$300 FY20-21) \$500
 - E-Bicycles (proposed program addition) - \$300



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Advisory Committee Inputs and Guidance:



- Addition of private fleet medium to heavy duty EV funding?
- Increased allocation to \$500K for eVIP?
- Addition of E-bicycle incentive funding?
- Individual project funding caps for both programs?

