Monterey Bay Air Resources District BOARD OF DIRECTORS MEETING WEDNESDAY, FEBRUARY 21, 2018 – 1:30 P.M. 19 Upper Ragsdale Drive, Suite 100, Monterey, CA 93940 SUMMARY OF ACTIONS

- 1. CALL TO ORDER The meeting was called to order by Chair Friend at 1:35 pm.
- 2. PLEDGE OF ALLEGIANCE
- 3. ROLL CALL <u>Present</u> Ryan Coonerty Zach Friend Lowell Hurst

Jerry Muenzer

John Phillips Oscar Rios Simon Salinas <u>Absent</u> Fred Ledesma Steve McShane Jane Parker Steve Dallas

- 4. ELECTION OF 2018 BOARD OF DIRECTORS CHAIR AND VICE CHAIR Upon motion of Director Phillips and seconded by Director Salinas the Board unanimously elected Jerry Muenzer as Chair and Ryan Coonerty as Vice Chair.
- 5. RECOGNITION OF DAVID CRAFT ON HIS RETIREMENT FROM THE DISTRICT
- 6. PRESENTATION BY ENERGY SOLUTIONS ON ELECTRIC VEHICLE INFRASTRUCTURE AND GREEN BUILDING CODES
- 7. PUBLIC COMMENT PERIOD None.
- 8. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS
 - a. Budget, Personnel, and Nominating Committee
 - b. Advisory Committee
- 9. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS
- 10. REPORT FROM AIR POLLUTION CONTROL OFFICER Richard Stedman, APCO, reported on the following: <u>District Business</u>
 - Recognition of Sandy Hartunian for exceptional customer service.
 - Staffing
 - Newly hired inspector left in January to take a job with the California Air Resources Board.
 - Isael Rubio-Salazar starting as an inspector on February 26.
 - District received 21 applications for the engineering recruitment.

- District has been in communication with several cannabis cultivators in Monterey County regarding the use of large, stationary diesel or natural engines to provide power until PG&E completes their upgrade work.
- On February 2, the District issued emission reduction credits to Dynegy due to the shutdown of their two large boilers.
- Planning Division issued permits and attended training at the Elkhorn Slough Foundation for a burn project using the biochar method of open burning for eradication and disposal of Eucalyptus trees near the Slough.
- A prescribed burn was conducted this past weekend in the Gabilan Range between Salinas and San Juan Bautista
- Carl Moyer Program Application Period opened in January. An application workshop was held on January 10.
- District purchased three new Purple Air particulate sensor devices.

San Lorenzo Valley

- San Lorenzo Valley Wood Stove Change-out program is continuing. So far, 65 vouchers have been issued and \$5,500 is remaining of the \$75,000 designated for the program.
- San Lorenzo Valley Free Yard waste drop-off program is set for the week of April 7 14 at the Ben Lomond Transfer Station for residents with zip codes in the San Lorenzo Valley.
- Wintertime Spare the Air will be ending for the San Lorenzo Valley since exceedances of the PM2.5 standard are not ordinarily observed after the middle of February.
- Only four days of PM 2.5 exceedances of the federal standard have been measured this season. All of these exceedances were measured at CAL FIRE Headquarters in Felton.
 <u>Outreach</u>
- Clean Air Leaders Awards May 31 from 7:00 9:00 pm. Location still TBD. Requests for nominations will go out end of March.
- District open house will be scheduled once the remodeling is completed.
- As part of the District's increased focus on education about air quality, staff is meeting with representatives from environmental education programs to determine which one will work best for the District and area schools.
- With the coming of Spring/Summer, the District will begin participating in outreach events, beginning with the Hartnell Ag Tech the end of March.
- The District video is scheduled to be completed the end of March. We hope to show it at the Board retreat and the Clean Air Leaders Awards.

Building Remodel

- Third floor remodel is progressing and is estimated to be completed the middle of March.
- Downstairs lighting retrofit project has been completed. District is looking into solar panels to provide additional cost savings.

CONSENT AGENDA

Upon motion of Director Salinas and seconded by Director Phillips the Board unanimously moved approval of the Consent Agenda with the exception of Agenda Item No. 23 which was pulled from the Consent Agenda and moved to the Regular Agenda.

- 11. Accepted and Filed Summary of Actions for the December 20, 2017 Board of Directors Meeting
- 12. Received and Filed Budget to Actual Report for the Seven Months Ended January 31, 2018

- 13. **Received and Filed** Report of Fiscal Year 2017-18 Budget Adjustments Approved by the Air Pollution Control Officer in January and February 2018
- 14. Accepted and Filed Engineering Division Activity Report for the Months of December 2017 and January 2018
- 15. Accepted and Filed Report of Summary of Mutual Settlement Program Actions for the Months of December 2017 and January 2018
- 16. Accepted and Filed Compliance Division Activity Report for the Months of December 2017 and January 2018
- 17. **Accepted and Filed** Report on Daily Eight-Hour Peak Ozone Concentrations, Hourly Peak Ozone Concentrations, PM2.5 and PM10 Air Monitoring Data for the month of December 2017
- 18. **Approved** Out-of-State Travel Request for an Air Quality Planner to Attend the Residential Wood Smoke Workshop in Nashville, TN in March 2018
- 19. **Approved** an Extension Request by the City of Capitola for the AB2766 Grant 16-02 41st Avenue Adaptive Traffic Control System to February 1, 2019
- 20. **Approved** Out-of-State Travel Request for Air Quality Engineer to Attend Air Dispersion Modeling Training in Las Vegas, Nevada, April 30 May 1, 2018
- 21. **RESOLUTION NO. 18-001: Adopted** a Resolution Approving and Adopting a District Pay Schedule That Includes Monthly Salary Ranges for All Positions and New Salary Ranges for Management and Confidential Employees Effective February 21, 2018
- 22. **RESOLUTION NO. 18-002: Adopted** a Resolution Approving Fiscal Year 2017-18 Budget Revisions per Attached Schedule A

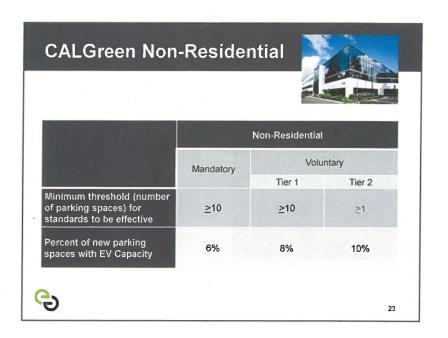
REGULAR AGENDA

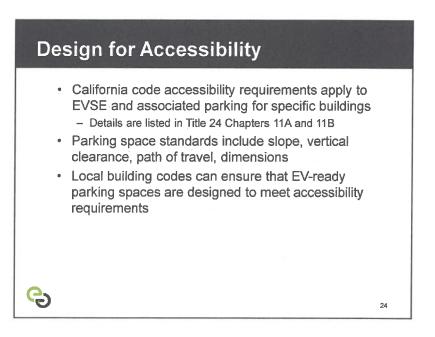
- 23. **Received** a Report from Staff on the status of the MBARD Grant Programs **Received presentation only; no action required.**
- 24. Received Presentation on District's Jurisdiction for Odors Received presentation only; no action required. <u>Public Comment</u> David Ramirez, MRWMD, assured the Board that his district takes odor issues very seriously and that they are working with MBARD.

The item below was removed from the agenda and not considered by the Board: 25. Discuss and Provide Direction to the APCO on Advisory Committee Meeting Schedule

- 26. The Board will meet in Closed Session pursuant to Government Code section 54950, relating to the following item:
 - a. Pursuant to Government Code section 54957, the Board will provide a performance evaluation for the Air Pollution Control Officer. **No reportable action.**
- 27. Adjournment The meeting was adjourned at 3:00 p.m.

Ann O'Rourke Executive Assistant

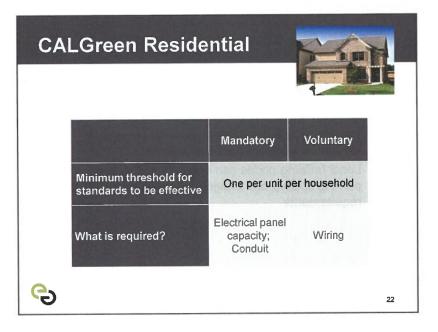




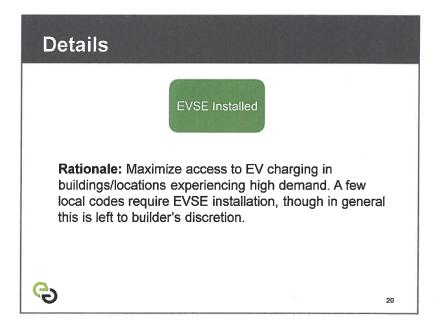
CALGreen Multifamily

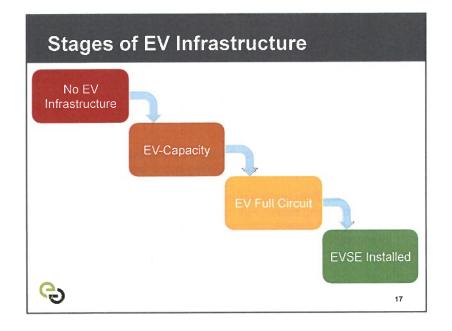
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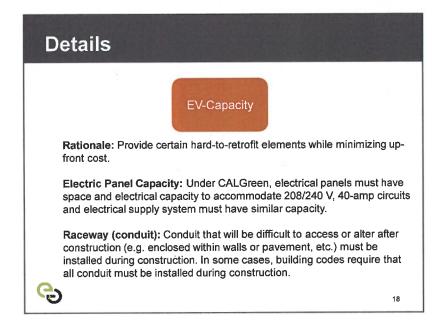
	Multifamily	
	Mandatory	Voluntary
Minimum threshold for standards to be effective	17 units	17 units
Percent of new parking spaces with EV Capacity	3%	5%
Overall effect for all multifamily housing	1-2%	2-3%



Details	
EV-Ready (Full Circuit)	
Rationale: Minimize total costs and additional barriers to installing EVSE. Several local building codes require full ci	rcuits.
Full Circuit: Full circuits are ready for the addition of elect vehicle charging station. Full circuit installations include 20 40-amp panel capacity, raceway, wiring, receptacle, and overprotection devices similar to a dryer circuit.	
3	19







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Energy Solutions background

Energy Solutions' mission is to create large-scale environmental benefits for our clients by implementing market-based solutions and developing policies that contribute to these goals.

- Energy Solutions has provided research and/or program implementation for over 100 consumer product and building energy and water efficiency standards
- Employee-owned
- · Clients and customers served:
 - Energy and water utilities
 California and other State agencies

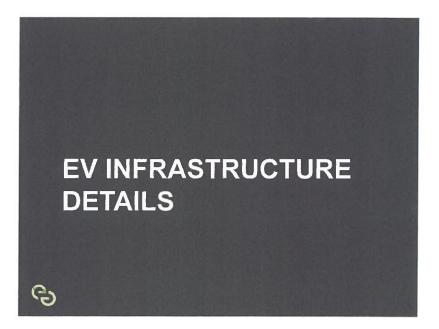
 - Local and regional government agencies - Federal and international government agencies
 - NGOS

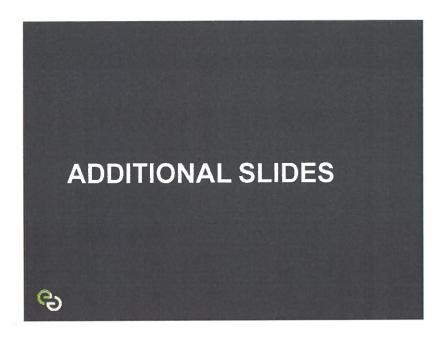
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- Private sector: retail and commercial



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Summary of	Oakland stan	dards adopted Fe	bruary 2017:
	Full Circuit	Inaccessible Raceway Installed	Electric Panel Capacity
1 parking space	1 parking space		Sufficient to supply 1 parking space
2-10 parking spaces	2 parking spaces		Sufficient to supply 2 parking spaces
11-15 parking spaces	2 parking spaces	1 parking spaces	Sufficient to supply 3 parking spaces
16-20 or more parking spaces	2 parking spaces	2 parking spaces	Sufficient to supply 4 parking spaces
Greater than 20 parking spaces	10% of parking spaces (rounded up)	Multi-Family Buildings: Remaining 90% of parking spaces Non-Res Buildings: Additional 10%	Sufficient to supply 20 percent of spaces*

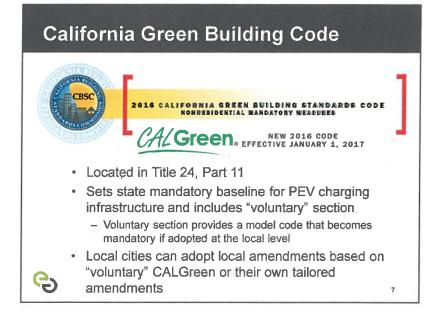


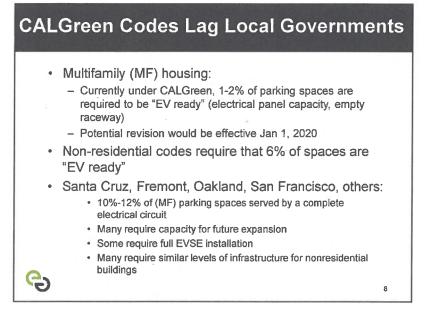
	Multifamily
	Mandatory
Minimum threshold for standards to be effective	5 units
Percent of parking spaces required to have EVSE installed *	12%

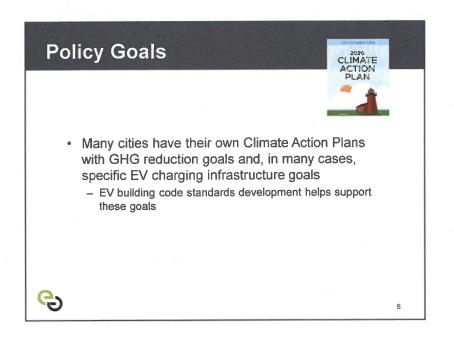
City of Santa Cruz Non-Residential		
Total Number of Actual Parking Spaces	Total Number of Actual or Required EVSE Spaces, whichever is greater	
0-9	0	
10-25	1	
26-50	2	
51-75	4	
76-100	5	
101-150	7	
151-200	10	
201+	6% of total	

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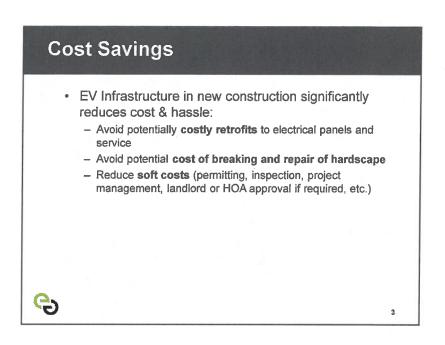
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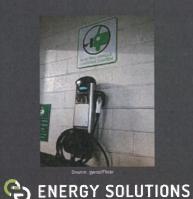






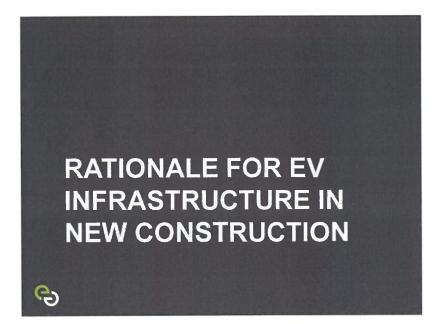
	New Construction Cost	Retrofit Cost	Potential Cost Savings
City of Oakland, Surface Parking, Two EV Charging Full Circuits	\$1,300	\$6,300	\$5,000
San Francisco Large Enclosed Garage, 12 EV Charging Full Circuits	\$900	\$2,400	\$1,500
Source: Energy Solutions cost City of Oakland and Pacific Ga		ded by California	Energy Commission,
 Note: any required upgrades down transformer (480 V to 2) 	to main electrical service for 240 V) are not included in eith		

Local Government EV Readiness Infrastructure



Ed Pike, P.E., Senior Engineer

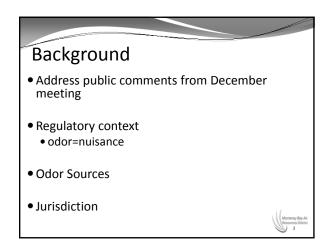
February 21, 2018

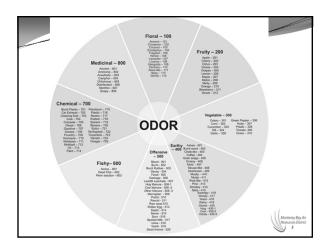


Air District Jurisdiction for Odors

Amy Clymo, Engineering and Compliance Manager February 2018







Regulatory Context

• Health and Safety Code Section 41700 -District Rule 402 ...a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause <u>injury</u>, <u>detriment</u>, <u>nuisance</u>, <u>or</u> <u>annoyance to any considerable number of persons or</u> <u>to the public</u>, or that endanger the comfort, repose, health, or safety of any of those persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property.

Regulatory Context - Exemptions

• Health and Safety Code Section 41705

Section 41700 does not apply to odors emanating from any of the following:

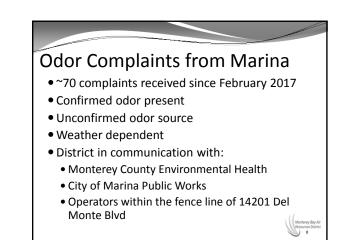
(1) <u>Agricultural operations</u> necessary for the growing of crops or the raising of fowl or animals.

(2) Operations that produce, manufacture, or handle <u>compost</u>, as defined in Section 40116 of the Public Resources Code , if the odors emanate directly from the compost facility or operations.

(3) Operations that <u>compost green material or animal waste products</u> derived from agricultural operations, and that return similar amounts of the compost produced to that same agricultural operations source, or to an agricultural operations source owned or leased by the owner, parent company, or subsidiary conducting the composting operation.

Agricultural fields Landfill operations Composting Anaerobic digester Wastewater treatment plant Construction activities Wastewater treatment plant Standing water Smoke from burning

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Agricultural	Exempt from H&SC 41700 Utilize best farming practices
Landfill Operations	Air District Rule 402 and equipment permits Monterey County - local enforcement agency (LEA)/CalRecycle
Wastewater Treatment Plant	Air District Rule 402 and equipment permits Regional Water Quality Control Board
Composting	Monterey County – LEA - Odor Impact Minimization Plan CalRecycle
Anaerobic Digester	Monterey County – LEA CalRecycle
Construction, domestic animals, ocean, river, standing water, burning	Air District Rule 402 City/County

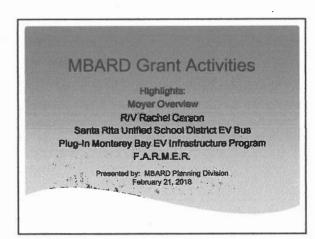


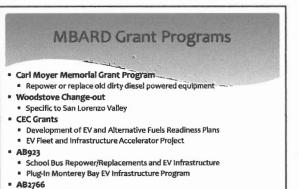


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2/26/2018





Transportation Projects and EV Rebates

