



Monterey Bay Air Resources District
BOARD OF DIRECTORS MEETING AGENDA

ZACH FRIEND, CHAIR

WEDNESDAY, APRIL 19, 2023 - 1:30 P.M.

24580 Silver Cloud Court, 3rd Floor, Monterey, CA 93940

REMOTE MEETING OPTION FOR PUBLIC

Link to meeting: <https://us02web.zoom.us/j/86366570302>

Webinar ID: 863 6657 0302

By Phone (audio only; Webinar ID required): 1-669-900-6833

Members of the public that wish to participate in the meeting may do so by joining the Zoom Webinar ID or in-person at 24580 Silver Cloud Court, Monterey. Should you have any questions, please contact Sirie Thongchua, Executive Assistant, at (831) 718-8028 or by email at sirie@mbard.org.

To Provide Public Comment via Zoom teleconference/video conference: During the live meeting verbal public comments may be made by members of the public joining the meeting via Zoom. Use the “raise hand” feature (for those joining by phone, press *9 to “raise hand”) during the public comment period for the agenda item you wish to address. Members of the public participating via Zoom will be muted during the meeting and may be unmuted to speak during public comment after requesting and receiving recognition by the Chair. Please clearly state your full name for the record at the start of your public comment.

To Submit Public Comment Before the Meeting: Persons who wish to address the Board for public comment of an item not on the agenda are encouraged to submit comments in writing to Sirie Thongchua, Executive Assistant, at sirie@mbard.org by 5:00 p.m. on Monday, April 17, 2023. Comments received will be distributed to the Committee prior to the meeting.

Summary of Actions

1. CALL TO ORDER – **The meeting was called to order by Chair Friend at 1:52 p.m.**
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL – **Present:** Wendy Askew, Mary Ann Carbone, Zach Friend, Felipe Hernandez, Chris Lopez, Orlando Osornio.
Absent: Sandy Brown, Glenn Church, Kollin Kosmicki, Mike LeBarre, Dolores Morales.
4. WELCOME NEW MEMBERS TO THE BOARD OF DIRECTORS
 - a. Orlando Osornio, City of Salinas Councilmember
 - b. Felipe Hernandez, Santa Cruz County Supervisor
5. PUBLIC COMMENT –
Comments from the public were received by the Board.
 - **Piet Canin, Ecology Action** – Submitted comments in writing and spoke in support of the Electric Bicycle Incentive Program
6. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS
 - a. Budget, Personnel, and Nominating Committee
 - b. Advisory Committee
7. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS – **None.**
8. REPORT FROM AIR POLLUTION CONTROL OFFICER
Richard Stedman, APCO, reported on the following:

Advisory Committee
 - The Advisory Committee met on April 6 and received the following presentation:
 - Report on AB 2766 Grant Programs
 - **Happy Elected Officials Day (Celebrate Your Elected Officials Day)**
District Business
 - Our reroofing project started on April 10th. It is scheduled to finish by May 19th or sooner.**Engineering**
 - On March 10, the MBARD Hearing Board denied a variance for Rule 426 Architectural Coatings. The petitioner was requesting to use more gallons per day of a photovoltaic

coating than was allowed under the rule. The Hearing Board was unable to make the findings required to approve a variance.

- On March 22, we met with a company called Booster which offers mobile gasoline fuel delivery. We discussed options to permit their equipment to allow them to operate within our jurisdiction.
- Yesterday we issued an Authority to Construct for a pilot pyrolysis unit located at the ReGen Monterey facility. The unit will receive wood chips from Keith Day's operation and turn the wood chips into biochar which can be used in agricultural operations to enhance soil. It is anticipated this will be a one-year pilot project. We recently received a letter of thanks for our assistance in getting their permit done so expeditiously. Of course, these thanks go to Armando Jimenez for his permit work on this novel project.

Compliance

- We are happy to announce that Kara Hall, who was an Air Quality Technician, has been promoted to Air Quality Inspector I. Kara started with the Compliance Team on April 3 and hit the ground running by passing her visible emissions test that very first week.
- Recently, we have received an increase in complaints about 'chemtrails'. Callers refer to airplanes or jets spraying chemicals into the atmosphere creating adverse health impacts.
- We refer to these white line-shaped clouds as "contrails" or "condensation trails," which are composed of ice particles and are visible behind jet aircraft engines, typically at cruise altitudes in the upper atmosphere. The combination of water vapor in aircraft engine exhaust and the low ambient temperatures that often exists at these high altitudes allows the formation of contrails. The ice particles in contrails do not reach the Earth's surface because they fall slowly and conditions in the lower atmosphere cause ice particles to evaporate. According to the US EPA's analysis of meteorological data and on assumptions about future air traffic growth and technological advances, persistent contrail cover is expected to increase between 2000 and the year 2050.
- No odor complaints from Marina residents have been received since the last Board of Directors meeting.

Planning and Air Monitoring

- The Diesel Engine and Equipment Replacement Program application period ended on March 24. The program uses State grant funds, including Moyer and FARMER programs, for replacing higher polluting diesel equipment with cleaner burning models as found in marine vessels, tractors, and other off-road equipment. Staff are now evaluating applications for potential projects. A list of all evaluated projects and their funding order (rank) will be published this Summer.
- Planning Staff held two workshops in March, in Marina and Watsonville, seeking input on incentive projects for the Community Air Protection Program. The majority of CAPP

funds are required to be distributed to projects in disadvantaged communities and low-income areas. Two more workshops are scheduled for May, in Salinas and online.

- Camp Roberts will attempt to conduct their annual burns of the interior gunnery ranges in April and May. The purpose of the series of prescribed burns is to prevent wildfires that can be ignited during live fire training. About 9,000 acres of grassland is expected to burn at the Monterey County/San Luis Obispo County border. District staff have been coordinating with SLO County APCD to avoid authorizing burns that could cause smoke impacts in San Miguel and Paso Robles.

Outreach

- We are reviewing media contracts for FY2023-24 that includes more Spanish radio/digital commercials.
- [April 22 is Earth Day. MBARD will run print ads and post on social media sites.](#)
- I wanted to let the board know that I have been selected as a [virtual air quality fellow](#) with the US Department of State and EPA. I will be working with Lisbon, Portugal as they share many similar air quality issues that we experience in our region. In addition to assisting Lisbon on air quality issues, I hope to learn from them on how we can improve our own air quality management.

Reminders for Board

- Wed., May 17, 12-3 pm, Board Retreat at [Wedgewood Carmel Fields](#) (formerly Rancho Canada Golf Club, Carmel)
- Send a copy of your AB1234 Ethics Training Certificate.
- Send a copy of your SB134 Anti-Harassment Training Certificate.
- Send a copy of your Form 700 for 2022.
- Consider appointing members to the [Advisory Committee](#) and [Hearing Board](#).

CONSENT AGENDA

Motion: Following the pulling of Agenda Item No. 20 by staff and moved to Regular Agenda Item No. 25a, the Board approved the remaining items on the Consent Agenda. **Action:** Approve. **Moved by** Chris Lopez, **Seconded by** Felipe Hernandez. **Vote:** Motion carried unanimously.

9. **Accepted** and **Filed** Summary of Actions for the February 15, 2023, Board of Directors Special Meeting

10. **Accepted** and **Filed** Summary of Actions for the February 15, 2023, Board of Directors Meeting

11. **Received** and **Filed** Budget to Actual Report for the Eight Months Ended February 28, 2023

12. **Received** and **Filed** Budget to Actual Report for the Nine Months Ended March 31, 2023

13. **Accepted and Filed** Report of Summary of Mutual Settlement Program Actions for February and March 2023
14. **Approved** Reappointment of Michael Guth to the Hearing Board as Attorney Member
15. **Approved** an Extension Request by the City of Monterey for the AB2766 Grant 21-03 Pacific and Franklin Corridors Adaptive Traffic Signal Control Project to February 9, 2024.
16. **Approved** New Job Classification and Job Description for a Planning and Air Monitoring Supervisor and Revisions to MBARD's Organization Chart for the New Position
17. **Approved** Out-of-State Travel Request for the Air Pollution Control Officer (APCO) to Attend the National Association of Clean Air Agencies (NACAA) Board and Spring Membership Meetings in Denver, CO May 8-10, 2023.
18. **Approved** Out-of-State Travel Request for the Air Pollution Control Officer (APCO) to Attend the National Association of Clean Air Agencies (NACAA) Summer Board Meeting in Ann Harbor, MI, July 18-21, 2023.
19. **Resolution No. 23-004: Adopted** a Resolution Approving Destruction of Records in Accordance with the Records Retention Schedule and Records Destruction Policies D.9 and D.10 in the Administrative Policies and Procedures Manual.

The item below, Agenda Item No. 20, was pulled from the Consent Agenda per request by staff and moved to the Regular Agenda as Item No. 25a.

- ~~20. Adopt a Resolution Authorizing the Air Pollution Control Officer (APCO) to Apply a Portion of the AB2766 Annual Revenues Towards Funding and Implementing a Program for Motor Vehicle Emission Reducing Grants Consistent with the District's FY 2023-24 AB2766 Emissions Reduction Grant Program Guidelines~~
21. **Resolution No. 23-005: Adopted** a Resolution Approving Fiscal Year 2022-23 Mid-Year Budget Revisions, Per Attached Schedule A

REGULAR AGENDA

22. **Appointed** Two Regular Members and One Alternate Member from the Board of Directors to the Budget/Personnel /Nominating Committee
Motion: *Appoint Mike LeBarre and Dolores Morales as Regular Members and Felipe Hernandez as an Alternate Member to the Budget/Personnel /Nominating Committee contingent upon acceptance of their appointment.*
Moved by Wendy Askew, **Seconded by** Mary Ann Carbone.
Vote: *Motion carried unanimously.*

23. **Held** First Public Hearing to Consider Adoption of a Resolution Approving Proposed Revisions to the following Fee Rules:

- 300 (Permit Fees)
- 301 (Fee Schedules) and **Provided** Direction to Staff

Held public hearing and provided direction to staff; no action taken or required.

24. **Held** First Public Hearing on Proposed Budget for Fiscal Year 2023-24 and **Provided** Direction to Staff

Held public hearing and provided direction to staff; no action taken or required.

25. a. **The item below was pulled from the Consent Agenda and placed on the Regular Agenda as Item No. 25.a.**

Resolution No. 23-006:

(1) **Adopted** a Resolution Authorizing the Air Pollution Control Officer (APCO) to Apply a Portion of the AB2766 Annual Revenues Towards Funding and Implementing a Program for Motor Vehicle Emission-Reducing Grants Consistent with the District's FY 2023-24 AB2766 Emissions Reduction Grant Program Guidelines.

(2) **Authorized and directed** staff to allocate \$50,000 to the Electric Bicycle Incentive Program for Low-income Applicants in the District's FY 2023-24 AB2766 Emissions Reduction Grant Program Guidelines.

Motion: *Adopt the resolution and authorize and direct staff to allocate \$50,000 to the Electric Bicycle Incentive Program for Low-income Applicants. Action: Approve. Moved by Wendy Root Askew, Seconded by Felipe Hernandez. Vote: Motion passed. (Summary: Yes = 5, No = 1, Abstain = 0). Yes: Wendy Root Askew, Mary Ann Carbone, Felipe Hernandez, Chris Lopez, Orlando Osornio. No: Zach Friend. Absent: Sandy Brown, Glenn Church, Kollin Kosmicki, Mike LeBarre, Dolores Morales.*

Public Comment

- Piet Canin, Ecology Action – Supports Electric Bicycle Incentive Program
- Brian McCarthy, Marina City Councilmember - Supports Electric Bicycle Incentive Program

25. b.

Adjournment – **The meeting adjourned at 3:24 p.m.**

Sirie Thongchua
Executive Assistant

Mary Ann Carbone

From: Piet Canin <piet.canin@ecoact.org>
Sent: Wednesday, April 19, 2023 10:02 AM
To: Mary Ann Carbone
Subject: Please continue the MBARD ebike rebate program

Dear Mayor Carbone,

Ecology Action strongly believes the Monterey Bay region needs more incentives for residents to get on ebikes. MBARD's FY22-23 ebike program was a resounding success – selling out in less than 2 months.

Ecology Action perspective on why MBARD should continue their ebike incentive program for FY23-24

- The statewide ebike incentive program is only for low-income residents and will only fund some 10,000 rebates out of 40 million CA residents. So those rebates are likely to go fast.
- There are federal, state, regional and utility rebates for EVs allowing consumers to stack rebates. It might be good to allow ebike consumers to do that as well. Stacking ebike rebates allow local consumers to purchase cargo bikes or higher quality bikes that will perform better and last longer.
- Data from the Go Santa Cruz Downtown ebike rebate program shows that a high percentage of program participants stacked their rebates to buy better quality ebikes.
- One of the main reasons for ebike battery fires is that consumers are buying cheap and poorly made bikes/batteries.
- The state of CA through such funding channels as the Active Transportation Program (ATP) have invested hundreds of millions of dollars in the Monterey Bay region to build better bike infrastructure, a regional ebike rebate program would leverage and supplement that investment.
- Ebikes greatly extend the range, speed, and accessibility of bikes for a wide variety of residents. Allowing more people to bike longer distances and climb steep terrain. This is the time to continue to remove the high up-front cost of purchasing an ebike for all consumers in Monterey Bay.
- Riding an ebike not only reduces GHG emissions and other vehicle tailpipe emissions but it also reduces traffic, parking issues, and is a healthy, fun means of mobility. And is low cost for local public agencies and the consumer compared to other forms of transportation.
- Many daily local trips are within range of an ebike (1 to 7 miles).

Thank you for supporting healthy, sustainable and affordable mobility.



Piet Canin

Strategic Development Director

Mobile (831)227-8987

Web <https://ecoact.org/> **Email** pcanin@ecoact.org


Address [877 Cedar St. Suite 240 Santa Cruz, CA 95060](#)

Pronouns (he, him, his)

Agenda Item No. 9

First Public Hearing Potential Fee Rule Changes for Fiscal Year 2023-2024 Budget


AMY CLYMO, ENGINEERING/COMPLIANCE MANAGER
BOARD OF DIRECTORS MEETING
APRIL 18, 2023



1

Outline


- Proposed fee rule revisions
- 300 District Fees
- 301 Fee Schedules



2

Major Fee Rule Revisions


- Potential fee increase of 3%
- Rule 300 - clarify timely payments made by credit card or e-check



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Examples of Permit Fee Changes


Current Fee (FY 22-23)	Fee Increase (3%)	Proposed Fee (FY 23-24)
Filing Fee \$230	\$7	Filing Fee \$237
General Permit Fee \$1,028	\$31	General Permit Fee \$1,059
Annual Renewal Fee - Billable Tons < 0.1 \$239	\$7	Annual Renewal Fee - Billable Tons < 0.1 \$236
Emergency Diesel Engine \$398	\$12	Emergency Diesel Engine \$408
Hourly Staff Rate \$164	\$5	Hourly Staff Rate \$169



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Examples of Asbestos NESHAP Fee Changes

Current Fee (FY 22-23)	Fee Increase (3%)	Proposed Fee (FY 23-24)
Demolition Fee \$483	\$14	Demolition Fee \$497
Renovation RACM (160-999 sq ft) \$840	\$25	Renovation RACM (160-999 sq ft) \$865



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Language (Rule 300)

PART 5 DELINQUENCY PENALTIES

5.1 Permit Fee and Annual Renewal Fee Delinquency Penalties

If any fee payment required pursuant to Part 3 or Part 4 of this Rule is not submitted within 60 days of the payment date of the District's billing statement, it shall be considered delinquent, and penalties for the delinquency shall be imposed as set forth below.


5.1.1 For purposes of this Part any fee payment shall be considered to be timely if it is governmental or is before the 60th day following the statement issuance date. If the 60th day falls on a Saturday, Sunday, or holiday, the fee payment may be governmental on the next business day with the same effect as if it had been governmental on the 60th day. A credit card or e-check payment is timely if the payment date is on or before the 60th day following the statement issuance date. If the 60th day falls on a business day, the payment must be made by e-check, automatic debit, or by the next business day, which the payment effect as if it had been paid on the 60th day.

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Public Comments

Emailed to: aclymo@mbard.org or
Mailed to: MBARD, Amy Clymo, 24580 Silver Cloud Court,
Monterey, CA, 93940

Comments must be received by June 9, 2023 to be included in
the report to the Board of Directors.



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Board Meetings

Meeting	Date/Time/Location
Initial Board Presentation First Public Hearing	April 19, 2023; 1:30 PM; 24580 Silver Cloud Court, Monterey Boardroom, 3 rd Floor Please check our website one week prior for the public access Zoom link: https://www.mbard.org/board-of-directors
Board Adoption Public Hearing	June 21, 2023; 1:30 PM; 24580 Silver Cloud Court, Monterey Boardroom, 3 rd Floor Please check our website one week prior for the public access Zoom link: https://www.mbard.org/board-of-directors

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Questions or Comments?

Amy Clymo
aclymo@mbard.org




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Agenda Item No. 9

Monterey Bay Air Resources District
Draft Budget - Fiscal Year 2023-24
April 19, 2023


ROSA ROSALES
ADMINISTRATIVE SERVICES MANAGER



1

BUDGET OVERVIEW

- Budget Development
- Budget In Brief
- Revenues
- Expenses
- Organizational Structure
- Budget Schedules



2

Budget Development


- February 22, 2023 - Budget Meeting with Management
- March 10, 2023 - Division Budgets Due
- April 10-11, 2023 - Budget Workshops
- April 19, 2023 - First Public Hearing Draft Budget
- June 21, 2023 - Second Public Hearing Final Budget
- July 1, 2023 - MBARD Fiscal Year Begins

3

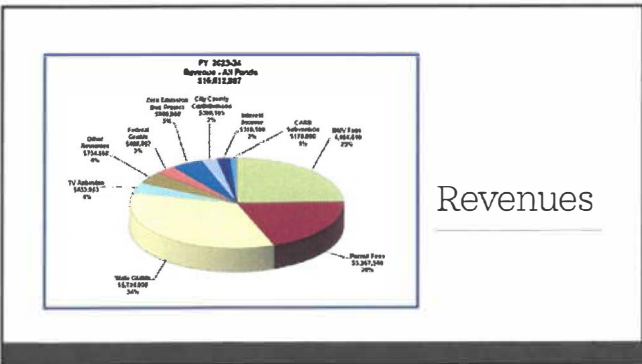
BUDGET IN BRIEF

HIGHLIGHTS

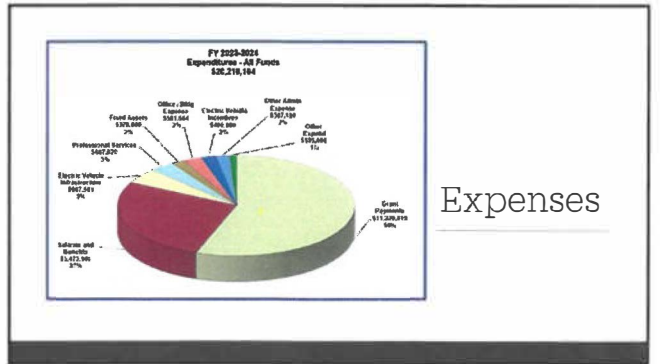
- Total Budget \$20.2 million:
 - Operational Budget - \$ 7.5 million
 - Non-Operational Budget - \$12.7 million
- Proposed Fee Increases:
 - Permit Fees - 3.0%
 - Per Capita - \$ 50 to \$ 22
- 32 Full Time employees - Salary Increase of 3%
- Fixed Assets - \$378,000
- OPRB and Pension Trust Deposits - \$120,000
- Emission Reduction Grants - \$1.1 million
- Plug in Monterey Bay and Electric Vehicle Incentives - \$1.4 million
- Woodstove Changeout Grants - \$191,000



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Organizational Structure

	CURRENT	PROPOSED	REASON
Administration	6	8	No change
Air Monitoring	3.5	3	Split Supervisor Position with Planning
Compliance	11	10.5	AQ Tech to move to Engineering
Engineering	6.5	7	AQ Tech split with Planning
Planning	6	5.5	Split Supervisor Position with Air Monitoring
Total	33	32	



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BUDGET SCHEDULES

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Operating Budget

- Total Operating Budget of \$7.5 million
- Proposed 3% Increase to permit fees
- Proposed 3% Increase to City and County per capita fees - from \$.50 to \$.52. Total estimated increase of \$15,321
- Salaries and benefits increase of about \$70,000 over FY22-23 budget due to 3% pay increase, 32 FTE's, increase in Retirement rates
- Projected operating deficit of \$117,186

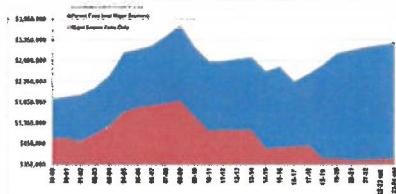
Operating Revenue

IRA Grants 106/101 Grants	460,000
State Subvention Grant	179,143
Permit Fee Revenue	3,287,500
TUV and Adhesion	631,043
EMV fees - operating portion	13,900,000
CO and County Contributions	268,185
Grant Administration Funds	418,000
Fees Funded revenues - AD&T, Prescription Burn, Oil and Gas	284,270
Other Revenues	283,168
Penalties and Fines	167,200
Interest Income	100,000
Total Operating Revenues	1,046,608

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Historical Permit Fee Revenues (Non-TV Fees) FY99-00 through FY23-24



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Fixed Assets

DESCRIPTION	ESTIMATED COST
Air Monitoring Equipment	\$98,000
Parking Lot Resurfacing	\$200,000
Vehicle Replacements	\$90,000
Total Fixed Assets	\$378,000

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Agenda Item No. 9


Non-Operating Budget

Total Non-Operating Budget of \$127 million, which includes grant funding, electric vehicle (EV) infrastructure and other non-operating expenditures. This is a 25% decrease from prior year due to continued EV bus manufacturing delays and change in accounting methods.

Major Grant Program Expenditures:

- AB2766 Program - \$2.9 million for grants @ \$400,000 for electric vehicle incentives
- AB223 Program - \$2.1 million in grants @ \$1 million for EV Infrastructure Project
- Carl Meyer Program - \$1.2 million for e-gas and marine vessel engines
- Offsite Mitigation Grants @ Zero Emission Bus Program (CCCR) - \$850,000 for e-g pumps and school buses
- Woodstove Chemical Grants - \$181,000
- Community Air Protection Program (CAPP) - \$1.2 million to reduce air pollution in disadvantaged and low-income areas
- Funding Agricultural Replacement Measures for Emission Reductions (FARMER) - \$2.7 million for replacement of farm equipment, irrigation pumps and heavy-duty trucks


OPEB and Pension Trust deposits - \$120,000



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Projected General Fund Balance June 30, 2024

- Unreserved Balance - \$5,411,880
- Designated for Economic Uncertainties - \$1,865,876
- Designated for OPEB and Pension Benefits - \$120,000
- Designated for Building and Facilities - \$100,000
- Total Projected Fund Balance = \$7,907,556




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ADJUSTMENTS TO BUDGET

Anticipated changes to current Draft Budget:


- Grant Revenue AB197 - \$12,583
- Fixed Asset Expense - additional vehicle for Engineering Division - \$40,000

Financial Impact to Operating Budget:
Projected deficit increased to \$144,613



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Questions?



Rosita Rosales
Administrative Services Manager
rrosales@merced.org

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FY 2023-24 AB2766 Motor Vehicle Emission Reduction Program




Board of Directors Presentation
April 19, 2023
Tyrone Bell, Air Quality Planner

1

California Assembly Bill 2766 (AB2766)

- ❖ Signed into law in 1990.
- ❖ Permits MBARD to allocate a \$4.00 per vehicle registration surcharge fee.
- ❖ Funds for projects that reduce motor vehicle emissions.
- ❖ Related planning, monitoring, enforcement, and technical studies pursuant to the California Clean Air Act of 1988. (California Health and Safety Code §44220)



2

Review of Fiscal Year 2022-23

July 1, 2022 – June 30, 2023




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FY 2022-23 Clean Vehicle Program

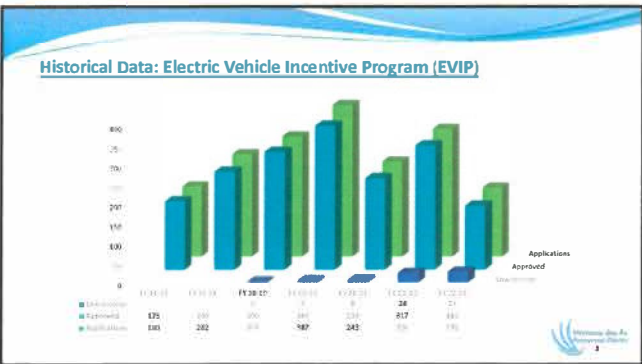
- ❖ Residents Only
- ❖ Electric Vehicle Incentive Program (EVIP) – \$350K
 - Light-Duty Vehicles
 - Own/Lease & Register For 2 Years
- ❖ Electric Bicycle Incentive Program (EBIP) – \$50K
 - All E-Bike Classes
 - Purchase Locally

VEHICLE TYPE	NEW	USED
Hydrogen Fuel Cell	\$2,500	N/A
Battery Electric	\$2,000	\$1,000
Plug-In Hybrid	\$1,000	\$700
Electric Motorcycle	\$1,000	N/A
E-Bikes	\$500	N/A

Low-Income Eligible • Above Incentives Doubled





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FY 2022-23 Electric Bicycle Incentive Program (EBIP)

- ❖ \$50,000 Budget
- ❖ \$52,500 Disbursed (July-August)
- ❖ 71 Applications Received
- ❖ 66 Approvals
- ❖ 39 Low-Income Incentives (\$1,000)
- ❖ 27 Standard Incentives (\$500)

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Agenda Item No. 9

FY 2022-23 Clean Air Management Program

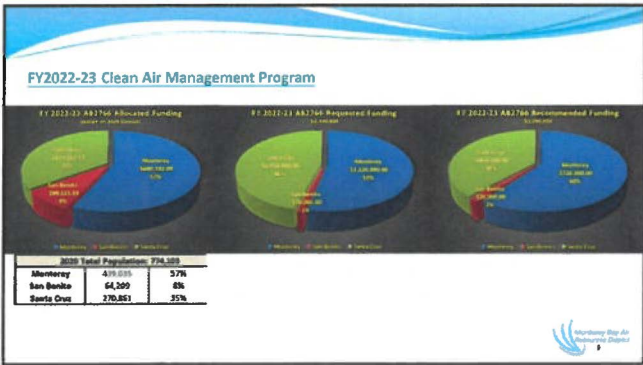
- Government and Public Agencies
- \$1.2 Million Total Budget
- Fixed Assets = \$400K Max Per Project
 - roundabout design/construction
 - adaptive traffic signal controls
 - fleet electrification
- Public Agency EV Replacements:
 - Used = \$7,500
 - New = \$10,000

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FY 2022-23 Awarded Projects

Project ID	Applicant	Project Title	County	Grant Offered	Annual Reductions	
					CO ₂ \$ per Ton	lbs
23-01	Monterey Salinas Transit District	MST ZEV Bus	Monterey	\$ 350,000.00	\$ 34.07	648.03
23-02	County of Monterey	Devils & Reservation Rd Roundabout	Monterey	\$ 150,000.00	\$ 60.30	597.74
23-03	Meals on Wheels of the Monterey Peninsula	EV Replacement	Monterey	\$ 30,000.00	\$ 193.64	4.26
23-04	City of Salinas	EV Replacement	Monterey	\$ 12,500.00	\$ 293.61	2.06
				\$ 732,500.00	\$ 274.68	1253.84
23-05	Monterey Sign Agency of San Benito County	EV Replacement	San Benito	\$ 30,000.00	\$ 402.38	0.84
23-06	County of San Benito Administration	EV Replacement	San Benito	\$ 30,000.00	\$ 112.24	0.32
				\$ 60,000.00	\$ 514.62	0.15
23-07	City of Santa Cruz	EV Street Sweeper	Santa Cruz	\$ 200,000.00	\$ 41.22	509.97
23-08	County of SC, Dept of Community Dev. and Infrastructure	17th Ave Adaptive Traffic Signal	Santa Cruz	\$ 240,000.00	\$ 44.19	214.97
23-09	City of Capitola	EV Street Sweeper	Santa Cruz	\$ 60,000.00	\$ 43.32	113.69
				\$ 460,000.00	\$ 63.63	870.63
				\$ 1,200,000.00	\$ 873.83	2127.84

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23-04 Meals On Wheels of the Monterey Peninsula – EV Replacement

Our nation's senior population is growing exponentially.

1 in 5 Americans is 65 years old or older.

15,000 more people turn 65 every day every day.

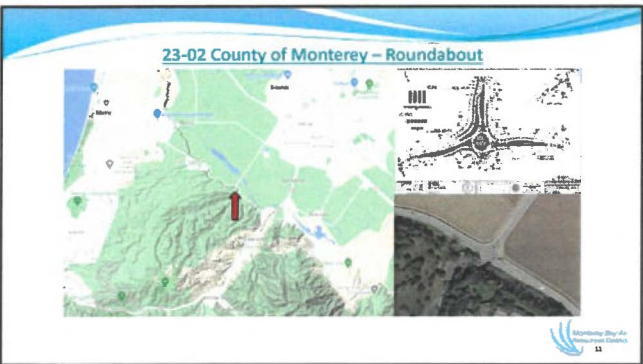
Average life expectancy is 82 years in California.

By 2018, adults 65 and over will make up 35% of California's population.

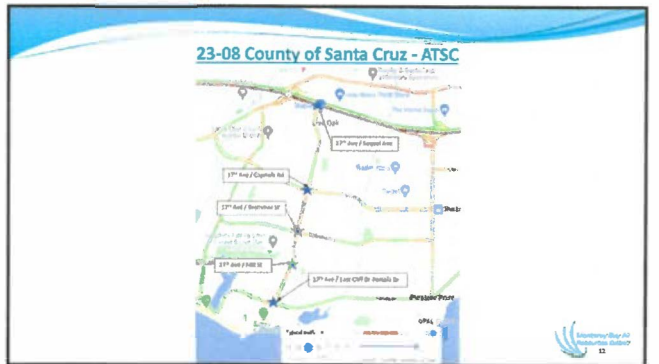
By 2035, the senior population will double in Monterey County.

	2011	2017
Assets	212,486	4,448,181
Liabilities	738,369	2,468,482
Worth Owners	138,888	4,679,752
Net Worth	21,888	841,733

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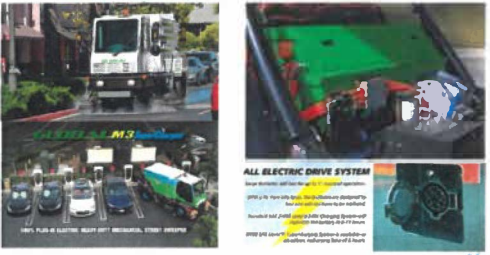


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12

23-09 City of Capitola – ZEV Street Sweeper



ALL ELECTRIC DRIVE SYSTEM


Range: 100 miles (est.) per full charge (approx. 8 hours of operation)
 200% of the power available (approx. 100% of the power available for the motor)
 200% of the power available (approx. 100% of the power available for the motor)
 200% of the power available (approx. 100% of the power available for the motor)

Hamilton City Air Quality Department

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Proposals For Fiscal Year 2023-24

July 1, 2023 – June 30, 2024




14

Electric Vehicle Incentive Program

- ❖ Residents Only (No Agencies or Businesses)
- ❖ \$400K total budget
- ❖ Adhere To CVRP Eligible Vehicles List
- ❖ May Purchase Anywhere
- ❖ Leases Eligible (2+ Years)
- ❖ Registered Within District (2+ Years)

VEHICLE TYPE	NEW	USED
Hydrogen Fuel Cell	\$2,500	N/A
Battery Electric	\$2,000	\$1,000
Plug-In Hybrid	\$1,000	\$700
Electric Motorcycle	\$1,000	\$500


Low-income Eligible = Above Incentives Doubled



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Discontinuation of E-Bike Incentive

- ❖ CARB's statewide e-bike incentives program for residents is anticipated to launch this year.
- ❖ Difficult to determine if stacked grants would exceed the value of the e-bike.
- ❖ Concerns regarding battery fires caused by charging.
- ❖ Potential \$50,000 in e-bike incentives could fund at least 24 EVs.
- ❖ Only a third of low-income applicants indicated they needed an incentive.
- ❖ Only half of all applicants indicated the e-bike replaced vehicle trips.



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Clean Air Management Program

- ❖ Public Agencies Only
- ❖ \$1.3 Million total budget
- ❖ Fixed Assets – \$400K max per project
- ❖ New EV Replacement – \$10,000
- ❖ Ranked By Cost-Effectiveness and Total Annual Emission Reductions




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Questions & Comments

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