



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

DAVID CANEPA – CHAIR
PAULINE RUSSO CUTTER
DAVID HUDSON
KAREN MITCHOFF
LORI WILSON

TYRONE JUE– VICE CHAIR
SCOTT HAGGERTY
LIZ KNISS
KATIE RICE

THURSDAY
FEBRUARY 27, 2020
9:30 A.M.

1ST FLOOR BOARD ROOM
375 BEALE STREET
SAN FRANCISCO, CA 94105

AGENDA

1. CALL TO ORDER - ROLL CALL

PLEDGE OF ALLEGIANCE

PUBLIC MEETING PROCEDURE

The Committee Chair shall call the meeting to order and the Clerk of the Boards shall take roll of the Committee members. The Committee Chair shall lead the Pledge of Allegiance.

This meeting will be webcast. To see the webcast, please visit www.baaqmd.gov/bodagendas at the time of the meeting. Closed captioning may contain errors and omissions, and are not certified for their content or form.

Public Comment on Agenda Items *The public may comment on each item on the agenda as the item is taken up. Public Comment Cards for items on the agenda must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to the Board taking up the particular item. Where an item was moved from the Consent Calendar to an Action item, no speaker who has already spoken on that item will be entitled to speak to that item again.*

2. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3

For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have two minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Board at the location of the meeting and prior to commencement of the meeting.

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF DECEMBER 18, 2019**

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Mobile Source Committee meeting of December 18, 2019.

4. **PROJECTS AND CONTRACTS WITH PROPOSED GRANT AWARDS OVER \$100,000**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending the Board of Directors approve the Carl Moyer Program, Transportation Fund for Clean Air (TFCA) and Reformulated Gasoline Settlement Fund projects requesting grant funding in excess of \$100,000, and authorization for the Executive Officer/APCO to execute grant agreements for the recommended projects.

5. **PARTICIPATION IN YEAR 22 OF THE CARL MOYER PROGRAM**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending the Board of Directors approve the Air District's participation in Year 22 (Fiscal Year (FY) 2019-2020) of the Carl Moyer Program.

6. **NEW CLEAN CARS FOR ALL PROGRAM FUNDING**

A. Fournier/4961

afournier@baaqmd.gov

The Committee will receive an informational report on the progress of the Clean Cars for All program, and will consider the acceptance of additional program funding.

7. **AIR DISTRICT GRANT PROGRAMS OVERVIEW**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will receive an informational report summarizing grant funds awarded by the Air District in calendar year 2019, historical trends for the past five years, and projected revenue for grant programs in calendar year 2020.

8. **PUBLIC COMMENT ON NON-AGENDA MATTERS**

Speakers who did not have the opportunity to address the Committee in the first round of comments on non-agenda matters will be allowed two minutes each to address the Committee on non-agenda matters.

9. **COMMITTEE MEMBER COMMENTS**

Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

10. **TIME AND PLACE OF NEXT MEETING**

Thursday, March 26, 2020, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

11. **ADJOURNMENT**

The Committee meeting shall be adjourned by the Committee Chair.

CONTACT:

MANAGER, EXECUTIVE OPERATIONS
375 BEALE STREET, SAN FRANCISCO, CA 94105
vjohnson@baaqmd.gov

(415) 749-4941
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- To submit written comments on an agenda item in advance of the meeting. Please note that all correspondence must be addressed to the “Members of the Mobile Source Committee” and received at least 24 hours prior, excluding weekends and holidays, in order to be presented at that Committee meeting. Any correspondence received after that time will be presented to the Committee at the following meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the District’s offices at 375 Beale Street, Suite 600, San Francisco, CA 94105, at the time such writing is made available to all, or a majority of all, members of that body.

Accessibility and Non-Discrimination Policy

The Bay Area Air Quality Management District (Air District) does not discriminate on the basis of race, national origin, ethnic group identification, ancestry, religion, age, sex, sexual orientation, gender identity, gender expression, color, genetic information, medical condition, or mental or physical disability, or any other attribute or belief protected by law.

It is the Air District’s policy to provide fair and equal access to the benefits of a program or activity administered by Air District. The Air District will not tolerate discrimination against any person(s) seeking to participate in, or receive the benefits of, any program or activity offered or conducted by the Air District. Members of the public who believe they or others were unlawfully denied full and equal access to an Air District program or activity may file a discrimination complaint under this policy. This non-discrimination policy also applies to other people or entities affiliated with Air District, including contractors or grantees that the Air District utilizes to provide benefits and services to members of the public.

Auxiliary aids and services including, for example, qualified interpreters and/or listening devices, to individuals who are deaf or hard of hearing, and to other individuals as necessary to ensure effective communication or an equal opportunity to participate fully in the benefits, activities, programs and services will be provided by the Air District in a timely manner and in such a way as to protect the privacy and independence of the individual. Please contact the Non-Discrimination Coordinator identified below at least three days in advance of a meeting so that arrangements can be made accordingly.

If you believe discrimination has occurred with respect to an Air District program or activity, you may contact the Non-Discrimination Coordinator identified below or visit our website at www.baaqmd.gov/accessibility to learn how and where to file a complaint of discrimination.

Questions regarding this Policy should be directed to the Air District’s Non-Discrimination Coordinator, Rex Sanders, at (415) 749-4951 or by email at rsanders@baaqmd.gov

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

375 BEALE STREET, SAN FRANCISCO, CA 94105

FOR QUESTIONS PLEASE CALL (415) 749-4941

EXECUTIVE OFFICE:

MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

FEBRUARY 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Budget & Finance Committee	Wednesday	26	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Legislative Committee - CANCELLED	Wednesday	26	10:30 a.m.	1 st Floor Yerba, Buena Room #109
Board of Directors Stationary Source Committee	Wednesday	26	10:45 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	27	9:30 a.m.	1 st Floor Board Room

MARCH 2020

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting	Wednesday	4	9:30 a.m.	1 st Floor Board Room
Board of Directors Community and Public Health Committee	Thursday	5	9:30 a.m.	1 st Floor Board Room
Board of Directors Executive Committee	Wednesday	18	9:30 a.m.	1 st Floor Board Room
Advisory Council Special Meeting - PM Symposium	Tuesday	24	9:00 a.m.	Oakland Marriott City Center 1001 Broadway, Oakland CA
Board of Directors Budget & Finance Committee	Wednesday	25	9:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Legislative Committee	Wednesday	25	10:30 a.m.	1 st Floor, Yerba Buena Room #109
Board of Directors Mobile Source Committee	Thursday	26	9:30 a.m.	1 st Floor Board Room

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 20, 2020

Re: Approval of the Minutes of December 18, 2019

RECOMMENDED ACTION

Approve the attached draft minutes of the Mobile Source Committee (Committee) meeting of December 18, 2019.

DISCUSSION

Attached for your review and approval are the draft minutes of the Committee meeting of December 18, 2019.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Vanessa Johnson

Attachment 3A: Draft Minutes of the Committee Meeting of December 18, 2019

AGENDA: 3A – ATTACHMENT

Draft Minutes – Mobile Source Committee Meeting of December 18, 2019

Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, California 94105
(415) 749-5073

DRAFT MINUTES

Summary of Board of Directors
Mobile Source Committee Meeting
Wednesday, December 18, 2019

1. CALL TO ORDER – ROLL CALL

Mobile Source Committee (Committee) Chairperson, David J. Canepa, called the meeting to order at 9:30 a.m.

Present: Chairperson David J. Canepa; and Directors Margaret Abe-Koga, David Hudson, Tyrone Jue, Liz Kniss, Karen Mitchoff, Katie Rice, and Rod Sinks.

Absent: Vice Chair Pauline Russo Cutter; and Director Scott Haggerty.

Also Present: None.

2. PUBLIC COMMENT ON NON-AGENDA ITEMS, PURSUANT TO GOVERNMENT CODE SECTION 54954.3

No requests received.

3. APPROVAL OF THE MINUTES OF OCTOBER 24, 2019

Public Comments

No requests received.

Committee Comments

None.

Committee Action

Director Kniss made a motion, seconded by Director Hudson, to **approve** the Minutes of October 24, 2019; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Canepa, Hudson, Jue, Kniss, Rice, Sinks.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter, Haggerty, Mitchoff.

4. PROJECTS AND CONTRACTS WITH PROPOSED GRANT AWARDS OVER \$100,000

Karen Schkolnick, Strategic Incentives Division Director, introduced Daniel Langmaid, Staff Specialist, who gave the staff presentation *Projects and Contracts with Proposed Grant Awards Over \$100,000*, including: overview; Carl Moyer Program (CMP) and Mobile Source Incentive Fund (MSIF); Community Health Protection Grant Program (CHP); CMP, MSIF, CHP project recommendations over \$100,000; Transportation Fund for Clean Air (TFCA) recommendations over \$100,000; status of incentive funding awarded since July 2019 by funding source, project category, and county; status of solicitations; and recommended action.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the award amount for Project #20R09; the average rate of eligibility of project applications submitted to the Carl Moyer and Community Health Protection Grant Programs; the breakdown of awarded funds by county; and the status of the San Jose State University Ridesharing and Trip Reduction project, and whether this project will expand into other areas.

Committee Action

Director Rice made a motion, seconded by Director Abe-Koga, to recommend that the Board **approve** staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Canepa, Hudson, Jue, Kniss, Rice, Sinks.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter, Haggerty, Mitchoff.

5. TRANSPORTATION FUND FOR CLEAN AIR PROGRAM AUDIT #20 RESULTS

Ms. Schkolnick introduced Betty Kwan, Staff Specialist, who gave the staff presentation *Transportation Fund for Clean Air Program Audit #20 Results*, including: overview; background; Audit #20 scope and results; and next steps.

NOTED PRESENT: Director Mitchoff was noted present at 9:49 a.m.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed how a surcharge on the motor vehicle registration fee, collected by the Department of Motor Vehicles, serves as a continual funding source to the Air District, to fund projects that implement transportation control measures in accordance with the 1988 California Clean Air Act, and the Bay Area 2017 Clean Air Plan.

Committee Action

None; receive and file.

6. REPORT ON TRANSPORTATION FUND FOR CLEAN AIR PROJECT EXPENDITURES AND EFFECTIVENESS FOR FISCAL YEAR ENDING (FYE) 2019

Ms. Schkolnick introduced Sean Newlin, Staff Specialist, who gave the staff presentation *Transportation Fund for Clean Air Expenditures and Effectiveness and Fiscal Year Ending 2019*, including: overview; background; FYE 2019 TFCA expenditures by project category; effectiveness regarding emissions reductions; cost-effectiveness and other key report findings; and next steps.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed the estimated total vehicle fleet in the Bay Area; factors that contributed to the higher-than-expected cost-effectiveness value of the 511 Regional Carpool Program as a Regional Fund project, and the status of the 511 Regional Carpool Program as a candidate (applicant) for Air District funds; need to demonstrate how “failed” projects can be reconciled; how to evaluate the cost-effectiveness of Spare the Air activities and Air District-sponsored programs, whose success is based on behavioral change; how improvements made to the 511 Regional Carpool Program could affect the Air District’s Commuter Benefits Program; the need to identify effective ways to get people out of their vehicles and use different and cleaner modes of transportation instead; how often the Air District’s actions are informed by the actions

of other air districts and similar agencies in other countries; the lack of awarded shuttle projects, and what type of shuttle projects the Air District would be willing to fund, based on ridership trends; and the suggestion of developing a model that collects on-demand data from subsidized ride share companies.

Committee Action

None; receive and file.

7. POLICY TO PROHIBIT USE OF AIR DISTRICT FUNDS ON VEHICLES MANUFACTURED BY COMPANIES THAT OPPOSE CALIFORNIA’S REGULATION OF LIGHT-DUTY VEHICLE EMISSIONS

Damian Breen, Deputy Air Pollution Control Officer of Technology, introduced Linda Hui, Senior Staff Specialist, who gave the staff presentation *Policy to Prohibit Use of Air District Funds on Vehicles Manufactured by Companies that Oppose California’s Regulations of Light-Duty Vehicle Emissions*, including: overview; background; proposed policy; potential impacts on Air District fleet and grant programs; next steps; and recommended action.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed Marin County’s recently-adopted resolution to adopt a vehicle purchasing policy that aligns with the State of California, and the County’s Fleet Conversion, that will help the County reach its Assembly Bill 32 & Senate Bill 375 climate change targets; concern about potentially reduced availability of clean vehicles, leading to higher costs for fleet purchases; the anticipated timeline of the implementation of the finalized draft of the Air District’s policy; concern that the public will continue to purchase their preferred choice of vehicles, unaware of, or, despite, the ongoing lawsuit between the federal government and California over fuel economy standards; the amount of Toyota vehicles within the Air District’s current fleet, and if/when those assets will be phased out and replaced with vehicles by manufacturers that support California’s authority to set emission vehicle standards; California’s Clean Vehicle Rebate program and anticipated impacts to vehicle sales in the Bay Area; the Air District’s predictions regarding the actions of the manufacturers that currently support the federal government; the history and current status of California’s waiver for specified emission standards, and how, until a new standard is created, a divergence from the California waiver does not exist; the need for local jurisdictions to support the state’s authority to set its own emission vehicle standards; opinions regarding the likelihood that the manufacturers that currently support the federal government will reconsider their current actions; and the suggestion of refraining from using the words “good” and “bad” manufacturers.

Committee Action

Director Rice made a motion, seconded by Director Mitchoff, to recommend that the Board **authorize** staff to develop policies that would prohibit Air District incentive and general funds from being used for the purchase of light duty vehicles manufactured by companies that oppose the State of California’s right to regulate light-duty vehicle emissions; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Canepa, Hudson, Jue, Kniss, Mitchoff, Rice, Sinks.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter, Haggerty.

8. EXPANSION OF EXISTING CENTER FOR SUSTAINABLE ENERGY (CSE) CONTRACT

Mr. Breen introduced Rebecca Fisher, Program Lead of Outreach and Partnerships, who gave the staff presentation *Contract for Electric Vehicles (EV) Market Research and Survey Services*, including: EV Market Research study; contract with CSE; and recommended action.

Public Comments

No requests received.

Committee Comments

The Committee and staff discussed whether this contract pertains to only light-duty vehicles; and the contractor’s request for a larger survey sample size to provide better granularity.

Committee Action

Director Hudson made a motion, seconded by Director Sinks, to recommend that the Board **authorize** the Executive Officer/APCO to increase an existing contract with the Center for Sustainable Energy in an amount not to exceed \$5,000 for Electric Vehicle market research services; and the motion carried by the following vote of the Committee:

AYES: Abe-Koga, Canepa, Hudson, Jue, Kniss, Mitchoff, Rice, Sinks.
NOES: None.
ABSTAIN: None.
ABSENT: Cutter, Haggerty.

9. PUBLIC COMMENT ON NON-AGENDA MATTERS

No requests received.

10. COMMITTEE MEMBER COMMENTS

Director Hudson announced that early-bird registration has been extended for the 33rd Annual World Electric Vehicle Symposium and Exposition, which will take place in Portland, Oregon, from June 14, 2020 – June 17, 2020. Vanessa Johnson, Manager of Executive Operations, added that any Committee (Board) members who wish to attend in their capacity as Air District Board members must obtain clearance from the current Board Chairperson. Director Rice encouraged Committee members to circulate this event to city and county staff, as battery storage will also be addressed.

11. TIME AND PLACE OF NEXT MEETING

Thursday, February 27, 2020, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

12. ADJOURNMENT

The meeting adjourned at 11:21 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 20, 2020

Re: Projects and Contracts with Proposed Grant Awards Over \$100,000

RECOMMENDED ACTIONS

Recommend Board of Directors:

1. Approve recommended projects with proposed grant awards over \$100,000 as shown in Attachment 1, including necessary policy waivers to allow Transportation Fund for Clean Air (TFCA) funds to be used as match to fund recommended school bus projects; and
2. Authorize the Executive Officer/APCO to enter into all necessary agreements with applicants for the recommended projects.

BACKGROUND

The Bay Area Air Quality Management District (Air District) has participated in the Carl Moyer Program (CMP), in cooperation with the California Air Resources Board (CARB), since the program began in fiscal year 1998-1999. The CMP provides grants to public and private entities to reduce emissions of nitrogen oxides (NOx), reactive organic gases (ROG), and particulate matter (PM) from existing heavy-duty engines by either replacing or retrofitting them. Eligible heavy-duty diesel engine applications include on-road trucks and buses, off-road equipment, marine vessels, locomotives, and stationary agricultural pump engines.

Assembly Bill 923 (AB 923 - Firebaugh), enacted in 2004 (codified as Health and Safety Code (HSC) Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional \$2 surcharge are deposited in the Air District's Mobile Source Incentive Fund (MSIF). AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP. On February 6, 2019, the Board of Directors (Board) authorized Air District participation in Year 21 of the CMP, and authorized the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with CMP funds or MSIF revenues, with individual grant award amounts up to \$100,000.

In 2017, Assembly Bill (AB) 617 directed CARB, in conjunction with local air districts to establish the Community Air Protection Program. AB 617 provides a new community-focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in communities most impacted by air pollution. In advance of the development of the Community Air Protection Program, the Governor and legislature established an early action component to AB 617 to use existing incentive programs to get immediate emission reductions in the communities most affected by air pollution. AB 134 (2017) appropriated \$50 million from the Greenhouse Gas Reduction Fund (GGRF) to reduce mobile source emissions including criteria pollutants, toxic air contaminants, and greenhouse gases in those communities within the Bay Area. Senate Bill (SB) 856 (2018) continued support for these project types and appropriated \$245 million from the GGRF statewide, of which \$40 million was awarded to the Air District for Bay Area emission reduction projects. On April 3, 2019, the Board authorized the Air District to accept, obligate, and expend SB 856 grant funding. These funds can be used to implement projects under the Community Health Protection grant program, CMP, and optionally on-road truck replacements under the Proposition 1B Goods Movement Emission Reduction Program.

In 1991, the California State Legislature authorized the Air District to impose a \$4 surcharge on motor vehicles registered within the nine-county Bay Area to fund projects that reduce on-road motor vehicle emissions within the Air District's jurisdiction. The statutory authority for TFCA and requirements of the program are set forth in the HSC Sections 44241 and 44242. Sixty percent of TFCA funds are awarded by the Air District to eligible projects and programs implemented directly by the Air District (e.g., Spare the Air, electric vehicle charging station program) and to a program referred to as the TFCA Regional Fund. Each year, the Board allocates funding and adopts policies and evaluation criteria that govern the expenditure of TFCA Regional Fund monies. The remaining forty percent of TFCA funds are pass-through funds that are awarded to the designated County Program Manager (CPM) in each of the nine counties within the Air District's jurisdiction.

On April 3, 2019, the Board authorized funding allocations for use of the 60% of the TFCA revenue in Fiscal Year Ending (FYE) 2020, cost-effectiveness limits for Air District-sponsored FYE 2020 programs, and the Executive Officer/APCO to execute grant agreements and amendments for TFCA-revenue funded projects with individual grant award amounts up to \$100,000. On June 5, 2019, the Board adopted policies and evaluation criteria for the FYE 2020 TFCA Regional Fund program.

The Bay Area Clean Air Foundation (Foundation) is a nonprofit support organization for the Air District. As part of its operation, the Foundation applies for and accepts grant funding from various sources to reduce emissions within the Air District's jurisdiction. Under the terms of an executed contract between the Air District and Foundation, Air District staff administer grant programs and revenues awarded to the Foundation. On December 5, 2017, the Foundation entered into a contract with the Reformulated Gas Settlement Fund (RFG) administrators to receive approximately \$1.3 million in funding for a program to accelerate the adoption of zero- and near-zero-emission equipment and vehicles operating in and around the West Oakland community.

Projects with grant award amounts over \$100,000 are brought to the Mobile Source Committee for consideration at least on a quarterly basis. Staff reviews and evaluates grant applications based upon the respective governing policies and guidelines established by CARB, the Board, and other funding agencies.

DISCUSSION

Carl Moyer Program and Community Health Protection Grant Program:

For the CMP Year 21 cycle, the Air District had more than \$11 million available for eligible CMP and school bus projects from a combination of MSIF and CMP funds. The Air District started accepting project applications for the CMP Year 21 funding cycle on June 17, 2019, and applications are accepted and evaluated on a first-come, first-served basis.

As of February 6, 2020, the Air District had received 140 project applications. Of the applications that have been evaluated between November 21, 2019 and February 6, 2020, nine (9) eligible projects have proposed grant awards over \$100,000. These projects will replace four (4) pieces of off-road agricultural equipment, two (2) trucks, eight (8) marine engines, and 20 school buses and will reduce over 43.5 tons of NO_x, ROG and PM per year. Staff recommends the allocation of \$9,844,045 for these projects from a combination of CMP funds, TFCA and MSIF revenues. Attachment 1, Table 1, provides additional information on these projects.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of February 6, 2020, including information about the equipment category, award amounts, estimated emissions reductions, and county location. Approximately 72% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 4, Figures 4 and 5 summarize the cumulative allocation of CMP, MSIF, and Community Health Protection Grant Program funding since 2009 (more than \$302 million awarded to 1,273 projects).

Transportation Fund for Clean Air Program:

In FYE 2020, the Air District had approximately \$32 million in TFCA monies for eligible projects and programs. The Air District opened the FYE 2020 Vehicle Trip Reduction Program and started accepting applications on August 9, 2019. As of February 6, 2020, the Air District had received 21 project applications to the Vehicle Trip Reduction Program. Additionally, staff have completed evaluation of project applications received previously through the FYE 2019 *Charge!* program.

Of the applications that were evaluated between November 21, 2019 and February 6, 2020, two (2) eligible projects have proposed grant awards of over \$100,000. These projects will provide first- and last-mile connection services through shuttle bus, carpool, and transportation network company and will reduce over 6.542 tons of NO_x, ROG, and PM per year. Staff recommends the allocation of \$1,249,000 for these projects. Attachment 1, Table 2, provides additional information on these projects.

In addition, staff evaluated two (2) school bus projects, which are discussed in the CMP section above, that propose to replace a total of six (6) diesel/CNG school buses with electric school buses

(two (2) bus replacements in Project #21SBP98, four (4) in Project #21SBP114). Staff is recommending the allocation of \$681,052 in TFCA funding for these two (2) projects as they don't qualify for the maximum \$400,000 (per bus) of funding being requested by the school districts from the CMP program. Historically, the state's Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) program funding, has been used by school districts as match for these types of projects, but that program is oversubscribed this year. Although TFCA funding is proposed for all six (6) buses to cover the shortfall, this action requires waiver of two (2) TFCA Regional Fund polices:

- TFCA Regional Fund Policy #2 Cost-Effectiveness: Project #21SBP98 is recommended for \$323,778 in CMP and MSIF funding, leaving a shortfall of \$513,500, which is recommended for co-funding with TFCA. The approval of this recommendation requires a waiver of the TFCA cost-effectiveness requirement.
- TFCA Regional Fund Policy #24 On-Road Heavy-Duty Zero- and Partial-Zero Emissions Truck and Buses: Project #21SBP114 is recommended for \$1,672,500 in CMP and MSIF funding, leaving a shortfall of \$167,552, which is recommended for co-funding with TFCA. The approval of this recommendation requires a waiver of the 10% match funding requirement since the buses would be funded up to 100% of the total project cost. The Air District has a longstanding policy to provide the full amount of funding for school bus projects.

Table 1 below provides additional information on the proposed awards for these two school bus projects.

Table 1: Proposed awards for school bus projects

	Project #21SBP98	Project #21SBP114
Number of School Buses	2 and charging infrastructure	4 and charging infrastructure
Total Project Cost	\$960,774	\$1,840,052
Proposed CMP and MSIF Award	\$323,778	\$1,672,500
Proposed TFCA Award	\$513,500	\$167,552
Total Proposed Award	\$837,278	\$1,840,052

If the Board approves this recommendation, the emissions reductions would be entirely allocated to the CMP program.

Staff also evaluated the on-road portion of two RFG projects, #19RFG20 and #19RFG21, that are discussed in the RFG section below. Staff recommends the allocation of \$305,980 as match to these projects. The emission reductions from these projects are included in Attachment 1, Table 3.

Attachment 3, Table 1, lists all eligible TFCA projects that have been evaluated and awarded between July 1, 2019 – February 6, 2020, including information about the project category, award amounts, estimated emissions reductions, and county location. Approximately 39% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities.

Reformulated Gas Settlement Fund Program:

Under contract with the Foundation, the Air District has been administering the West Oakland Zero-Emission Grant Program that had approximately \$1.17 million in RFG funding for eligible projects that reduce petroleum usage and air pollution in West Oakland and nearby communities surrounding the Port of Oakland.

Of the applications for RFG funds evaluated between November 21, 2019 and February 6, 2020, two (2) eligible projects have proposed grant awards of over \$100,000. These projects will dismantle two (2) diesel terminal tractors and replace them with two (2) battery-electric terminal tractors, and will purchase and operate up to 15 battery electric school buses in West Oakland and the surrounding communities. These projects will reduce over 1.02 tons of NOx, ROG, and PM per year. Staff recommends the allocation of \$582,170, which includes \$305,980 in TFCA and \$276,190 in RFG funds, for these projects.

Table 2 below provides additional information on the proposed awards for these two RFG projects.

Table 2: Proposed awards for RGF projects

	Project #19RFG20	Project #19RFG21
Number of Vehicles	2	15
Total Project Cost	\$651,710	\$4,637,765
Proposed RFG Award	\$102,390	\$173,800
Proposed TFCA Award	\$29,780	\$276,200
Total Proposed Award	\$132,170	\$450,000

In addition to evaluating emissions reductions, projects that receive RFG funding are also evaluated on the amount of petroleum reduced; the two (2) projects receiving RFG funding are expected to reduce diesel consumption by approximately 14,140 gallons per year.

Attachment 1, Table 3, provides additional information on the RFG projects proposed for award over \$100,000. Attachment 3, Table 2, lists all eligible RFG projects that were evaluated between July 1, 2018 and February 6, 2020, including information about the equipment category, award amounts, estimated emissions reductions, and county location.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. The Air District distributes CMP, MSIF, Community Health Protection Grant Program, TFCA, and RFG funding to project sponsors on a reimbursement basis. Funding for administrative costs is provided by each funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Anthony Fournier and Linda Hui
Reviewed by: Karen Schkolnick and Chengfeng Wang

- Attachment 1: Projects with grant awards greater than \$100,000
- Attachment 2: CMP/MSIF, FARMER and Community Health Protection Grant Program approved projects
- Attachment 3: TFCA and RFG approved and eligible projects
- Attachment 4: Summary of funding awarded between 7/1/19 and 2/6/20

AGENDA 4 - ATTACHMENT 1

Table 1 - Carl Moyer Program/ Mobile Source Incentive Fund, FARMER, and Community Health Protection Grant Program projects with grant awards greater than \$100k (Evaluated between 11/21/19 and 2/6/20)

Project #	Applicant name	Project Category	Project Description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NO _x	ROG	PM	
21MOY57	Summit Steel Works Corporation	On-road	Replacement of 2 of diesel trucks with electric trucks and infrastructure	\$ 174,400	\$ 498,800	0.071	0.004	0.000	Santa Clara
21MOY79	Westar Marine Services	Marine	Replacement of 2 diesel marine engines on the crew & supply boat Falcon	\$ 112,000	\$ 140,400	0.259	0.001	0.014	San Francisco
21MOY100	Golden Gate Scenic Steamship Corp.	Marine	Replacement of 2 diesel marine engines on the excursion boat Royal Prince	\$ 354,000	\$ 442,796	0.898	0.000	0.048	San Francisco
21MOY107	Olive Tree Farm	Ag/ Off-road	Replacement of 2 pieces of diesel off-road agricultural equipment	\$ 111,195	\$ 181,746	0.179	0.020	0.016	Sonoma
21MOY115	F.A. Maggiore & Sons, LLC	Ag/ Off-road	Replacement of 2 pieces of diesel off-road agricultural equipment	\$ 279,120	\$ 637,512	0.707	0.086	0.053	Contra Costa
21MOY125	Baydelta Navigation LTD	Marine	Replacement of 4 diesel marine engines on the tug boat Vigilant	\$ 3,056,000	\$ 3,881,500	33.696	4.427	1.237	San Francisco
21SBP75	West County Transportation Agency	School Bus	Replacement of 14 CNG buses with Low-NOx CNG school buses	\$ 3,080,000	\$ 3,086,402	1.186	0.088	0.000	Sonoma
21SBP98*	Palo Alto Unified School District	School Bus	Replacement of 1 diesel and 1 CNG school bus with electric school buses and charging infrastructure	\$ 837,278	\$ 960,774	0.094	0.006	0.005	Santa Clara
21SBP114*	Santa Clara Unified School District	School Bus	Replacement of 4 diesel school buses with electric school buses and charging infrastructure	\$ 1,840,052	\$ 1,840,052	0.440	0.041	0.004	Santa Clara
9 Projects				\$ 9,844,045	\$ 11,669,982	37.530	4.674	1.377	

*The award amounts for these projects include a total of \$681,052 in TFCA funds.

Table 2 - Transportation Fund for Clean Air projects
with grant awards greater than \$100k (Evaluated between 11/21/19 and 2/6/20)

Project #	Applicant name	Project Category	Project Description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NO _x	ROG	PM	
20R20	City/County Association of Governments of San Mateo County	Trip Reduction	Rideshare to Transit in San Mateo County	\$ 300,000	\$ 603,360	0.126	0.123	0.313	San Mateo
20R25	Santa Clara Valley Transportation Authority	Trip Reduction	ACE Shuttle Bus Program	\$ 949,000	\$ 1,738,515	1.254	1.276	3.450	Santa Clara
2 Projects				\$ 1,249,000	\$ 2,341,875	1.380	1.399	3.763	

Table 3 - Other projects with grant awards
greater than \$100k (Evaluated between 11/21/19 and 2/6/20)

Project #	Applicant name	Project Category	Project Description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NO _x	ROG	PM	
19RFG20*	CASS, Inc.	On-road Trucks & Buses	Purchase and operate 2 electric terminal tractors	\$ 132,170	\$ 651,710	0.770	0.006	0.006	Alameda
19RFG21*	Zūm Services, Inc.	School Bus	Purchase and operate 15 battery-electric school buses	\$ 450,000	\$ 4,637,765	0.181	0.010	0.047	Alameda
2 Projects				\$ 582,170	\$ 5,289,475	0.951	0.016	0.053	

*The award amounts for these projects include a total of \$305,980 in TFCA funds.

AGENDA 4 - ATTACHMENT 2

*CMP/MSIF, FARMER and Community Health Protection Grant Program approved projects
(between 7/3/19 and 2/6/20)*

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
20MOY230	Ag/ off-road	Equipment replacement	1	\$ 16,965.00	Cornerstone Certified Vineyard	0.024	0.019	0.006	APCO	Sonoma
20MOY235	Ag/ off-road	Equipment replacement	1	\$ 46,690.00	Goldridge Pinot LLC dba Emeritus Vineyards	0.170	0.026	0.019	APCO	Sonoma
20MOY241	Ag/ off-road	Equipment replacement	3	\$ 129,500.00	Linda Pierce Wedemeyer Exemption Trust	0.217	0.039	0.021	10/2/2019	Solano
21MOY9	On-road	Equipment replacement	1	\$ 60,000.00	Prime Tank Lines LLC	0.802	0.060	0.005	APCO	Contra Costa
20MOY248	On-road	Equipment replacement	1	\$ 40,000.00	Amritpal Tindh (Truck owner/operator)	0.604	0.052	0.000	APCO	Alameda
21MOY1	On-road	Equipment replacement	1	\$ 40,000.00	Freight 99 Express Inc. (Truck owner/operator)	0.280	0.024	0.000	APCO	Alameda
20MOY86	On-road	Equipment replacement	1	\$ 25,000.00	Sears Keith (Truck owner/ operator)	0.195	0.016	0.000	APCO	Sacramento
20MOY150	On-road	Equipment replacement	1	\$ 40,000.00	Sukhjeet Singh Cheema (Truck owner/ operator)	0.667	0.057	0.000	APCO	San Joaquin
21SBP2	School bus	Equipment replacement	1	\$ 178,500.00	Campbell Union School District	0.064	0.005	0.000	10/2/2019	Santa Clara
20MOY227	On-road	Equipment replacement	1	\$ 30,000.00	JSK Trucking (Truck owner/ operator)	0.193	0.016	0.000	APCO	San Joaquin
20MOY239a	On-road	Equipment replacement	1	\$ 30,000.00	DNA Trucking, Inc.	0.252	0.021	0.000	APCO	Solano
20MOY239b	On-road	Equipment replacement	1	\$ 20,000.00	DNA Trucking, Inc.	0.203	0.017	0.000	APCO	Solano
20MOY245a	On-road	Equipment replacement	1	\$ 60,000.00	Jorge Quintero DBA QDS Transportation	1.271	0.097	0.008	APCO	Alameda
20MOY245b	On-road	Equipment replacement	1	\$ 60,000.00	QDS Transportation	0.817	0.061	0.005	APCO	Alameda
20MOY245c	On-road	Equipment replacement	1	\$ 60,000.00	Ignacio Quintero (Truck owner/ operator)	0.900	0.068	0.005	APCO	Alameda
20MOY82	On-road	Equipment replacement	1	\$ 35,000.00	Surinder Atwal (Truck owner/ operator)	0.258	0.022	0.000	APCO	Sacramento

AGENDA 4 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
20MOY232	On-road	Equipment replacement	1	\$ 40,000.00	Mahmoud Rastegar DBA: Prosper Dedicates Lines	0.452	0.039	0.000	APCO	Placer
20MOY218	On-road	Infrastructure	1	\$ 13,717.00	Penske Truck Leasing Co., L.P.	0.000	0.000	0.000	APCO	Alameda/ San Francisco
21MOY28	Ag/ off-road	Equipment replacement	1	\$ 63,850.00	Bains Farms LLC.	0.082	0.014	0.010	APCO	Solano
21MOY17	Ag/ off-road	Equipment replacement	1	\$ 43,350.00	Sweet Lane Nursery and Vineyards, Inc.	0.041	0.009	0.008	APCO	Sonoma
21MOY23	Ag/ off-road	Equipment replacement	2	\$ 86,100.00	Trefethen Farming LLC.	0.178	0.043	0.034	APCO	Napa
20MOY250	Marine	Engine replacement	4	\$ 1,288,000.00	Amnav Maritime Corporation (Vessel: Patricia Ann)	8.609	0.270	0.476	10/2/2019	Alameda
21MOY31	Ag/ off-road	Equipment replacement	1	\$ 185,400.00	Gerald & Kristy Spaletta (Dairy)	0.566	0.074	0.052	10/2/2019	Sonoma
21MOY25	On-road	Equipment replacement	1	\$ 49,500.00	J and A Trucking Inc.	1.350	0.202	0.010	APCO	Alameda
21MOY21	Ag/ off-road	Equipment replacement	4	\$ 249,600.00	Renteria Vineyard Management, LLC.	0.790	0.121	0.089	10/2/2019	Napa
21MOY41	Ag/ off-road	Equipment replacement	2	\$ 81,750.00	Geoffrey Allen (Nursery)	0.105	0.030	0.012	APCO	San Mateo
21MOY30	Ag/ off-road	Equipment replacement	2	\$ 67,100.00	Jaswant S. Bains (Farmer)	0.289	0.044	0.025	APCO	Solano
21MOY33	Off-road	Equipment replacement	2	\$ 355,500.00	S.E.G Trucking	1.044	0.074	0.052	10/2/2019	Contra Costa
21MO12	On-road	Equipment replacement	1	\$ 30,000.00	Oscar Transport/ Oscar Rivera (Truck owner/ operator)	0.401	0.034	0.000	APCO	Alameda
21MOY34	Ag/ off-road	Equipment replacement	2	\$ 456,200.00	Custom Tractor Service	2.260	0.211	0.115	10/2/2019	Sonoma
21MOY14	Ag/ off-road	Equipment replacement	5	\$ 198,850.00	Bayview Vineyards Corp.	0.826	0.164	0.090	10/2/2019	Napa
21MOY47	Ag/ off-road	Equipment replacement	1	\$ 151,000.00	DeBernardi Dairy, Inc.	0.438	0.040	0.022	10/2/2019	Sonoma
21MOY51	Marine	Engine replacement	4	\$ 2,916,000.00	Crowley Marine Services	43.259	4.409	1.420	10/2/2019	Alameda

AGENDA 4 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
21MOY36	Off-road	Equipment replacement	1	\$ 78,500.00	John Benward Co.	0.564	0.028	0.021	APCO	Sonoma
20MOY217	Off-road	Portable equipment replacement	1	\$ 863,500.00	Oakland Pallet Co., Inc.	2.577	0.215	0.076	10/2/2019	Alameda
20SBP246	School bus	Equipment replacement	2	\$ 179,020.00	Newark Unified School District	0.037	0.002	0.000	10/2/2019	Alameda
21MOY46	Off-road	Equipment replacement	6	\$ 772,500.00	Bigge Crane and Rigging Company	4.210	0.435	0.254	10/2/2019	Alameda
21MOY37	On-road	Equipment replacement	1	\$ 30,000.00	Joginder Singh (Truck owner/ operator)	0.392	0.033	0.000	APCO	Alameda
21MOY19	Ag/ off-road	Equipment replacement	3	\$ 127,400.00	Nissen Vineyard Services, Inc.	0.487	0.088	0.066	11/20/2019	Napa
21MOY56	Ag/ off-road	Equipment replacement	1	\$ 21,550.00	Groth Vineyards and Winery, LLC	0.047	0.038	0.010	APCO	Napa
21MOY54	Ag/ off-road	Equipment replacement	1	\$ 31,100.00	Siebert Vineyards	0.079	0.012	0.007	APCO	Sonoma
21MOY53	Ag/ off-road	Equipment replacement	1	\$ 63,150.00	St. Supery Inc.	0.159	0.025	0.019	APCO	Napa
21MOY59	Off-road	Equipment replacement	1	\$ 167,500.00	Concrush Inc.	0.696	0.065	0.037	11/20/2019	Solano
21MOY64	Ag/ off-road	Equipment replacement	1	\$ 170,250.00	Achadinha Cheese, Inc.	1.546	0.171	0.097	11/20/2019	Sonoma
21MOY50	On-road	Equipment replacement	1	\$ 25,000.00	Bal transport, Inc.	0.464	0.033	0.000	APCO	Alameda
21MOY73	Ag/ off-road	Equipment replacement	2	\$ 153,695.00	Robert Giacomini Dairy, Inc	0.276	0.040	0.023	11/20/2019	Marin
21MOY60	Marine	Engine replacement	2	\$ 276,000.00	Bass Tub Fishing	0.489	0.000	0.026	11/20/2019	Contra Costa
21MOY71	Marine	Engine replacement	2	\$ 3,814,000.00	Foss Maritime	15.352	1.518	0.504	11/20/2019	Contra Costa
21SBP77	School bus	Equipment replacement	16	\$ 3,478,697.00	Mt. Diablo Unified School District	1.040	0.075	0.005	11/20/2019	Contra Costa
20MOY103	Marine	Engine replacement	2	\$ 130,000.00	Westar Marine Services	0.221	-0.007	0.014	11/20/2019	San Francisco

AGENDA 4 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
21MOY61	Off-road	Equipment replacement	6	\$ 811,875.00	Amazon Recycling and Disposal, Inc.	3.679	0.584	0.369	11/20/2019	Alameda
20SBP23	School bus	Equipment replacement	2	\$ 373,861.00	Sonoma Valley Unified School District - Increase of ~\$12k from 3/6/19 approval.	0.131	0.009	0.001	11/20/2019	Sonoma
21MOY65	Ag/ off-road	Equipment replacement	2	\$ 140,440.00	Simoni & Massoni Farms, LLC	0.695	0.103	0.064	11/20/2019	Contra Costa
21MOY43	On-road	Equipment replacement	1	\$ 30,000.00	Narwal Trucking, Inc.	0.210	0.018	0.000	APCO	Sacramento
21MOY66	On-road	Equipment replacement	1	\$ 15,000.00	Kapil Kumar (Truck owner/ operator)	0.136	0.011	0.000	APCO	Sacramento
21MOY69	Ag/ off-road	Equipment replacement	1	\$ 51,580.00	Anselmo Farms, LLC.	0.121	0.024	0.014	APCO	Solano
21MOY67	On-road	Equipment replacement	1	\$ 40,000.00	Gurchetan Johal (Truck owner/ operator)	0.294	0.025	0.000	APCO	Sacramento
21MOY85	On-road	Equipment replacement	1	\$ 10,000.00	W&D Wholesale Foods, INC.	0.271	0.032	0.014	APCO	San Francisco
21MOY48a	On-road	Equipment replacement	1	\$ 40,000.00	Gonzalez Pallets Inc.	0.827	0.072	0.006	APCO	Santa Clara
21MOY48b	On-road	Equipment replacement	1	\$ 40,000.00	Gonzalez Pallets Inc.	0.874	0.076	0.006	APCO	Santa Clara
21MOY48c	On-road	Equipment replacement	1	\$ 40,000.00	Gonzalez Pallets Inc.	0.666	0.057	0.005	APCO	Santa Clara
21MOY48d	On-road	Equipment replacement	1	\$ 40,000.00	Gonzalez Pallets Inc.	0.763	0.066	0.005	APCO	Santa Clara
21MOY83	On-road	Equipment replacement	1	\$ 45,000.00	DJ Trucking Enterprise, Inc.	0.366	0.048	0.002	APCO	Monterey
21MOY82	Ag/ off-road	Equipment replacement	1	\$ 58,600.00	Andrews Vineyards	0.118	0.025	0.018	APCO	Solano
21SBP32	School bus	CNG Tank replacement	2	\$ 40,000.00	Newark Unified School District	0.000	0.000	0.000	APCO	Alameda
21MOY87	On-road	Equipment replacement	1	\$ 40,000.00	Gurjit S. Mann (Truck owner/ operator)	0.654	0.057	0.000	APCO	Alameda
21MOY8	Ag/ off-road	Equipment replacement	1	\$ 57,300.00	Garry Mahrt (Dairy and sheep farm)	0.093	0.009	0.005	APCO	Sonoma
21MOY27	Ag/ off-road	Equipment replacement	1	\$ 60,350.00	Four Seasons Vineyard Management	0.130	0.007	0.007	APCO	Sonoma

AGENDA 4 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
21MOY72	Ag/ off-road	Equipment replacement	2	\$ 93,380.00	Napa Second Generation Inc. (Vineyard management)	0.423	0.053	0.042	APCO	Sonoma
21MOY88	Ag/ off-road	Equipment replacement	1	\$ 118,940.00	Ghiggeri and Stonebarger LLC	0.708	0.086	0.056	1/29/2020	Contra Costa
20MOY238	Off-road	Equipment replacement	3	\$ 59,280.00	CLY Incorporated dba Point Pacific Drilling	1.263	0.177	0.113	APCO	Sonoma
21MOY94	On-road	Equipment replacement	1	\$ 30,000.00	Jaskaran Dhillon (Truck owner/ operator)	0.232	0.019	0.000	APCO	Sutter
21MOY93	On-road	Equipment replacement	1	\$ 40,000.00	Simon Andemichael (Truck owner/ operator)	0.303	0.026	0.000	APCO	Alameda
21MOY105	On-road	Equipment replacement	1	\$ 20,000.00	Brar Bros Trucking (Gurlal Singh)	0.935	0.123	0.040	APCO	Alameda
21MOY74	On-road	Equipment replacement	1	\$ 20,000.00	AT Produce (Abraham Torres)	0.424	0.061	0.025	APCO	Stockton
21MOY84	On-road	Equipment replacement	1	\$ 30,000.00	Lenaco Corporation	0.406	0.047	0.021	APCO	San Mateo
21MOY96	On-road	Equipment replacement	1	\$ 20,000.00	Ng's Group Transportation, Inc.	0.420	0.061	0.024	APCO	San Mateo
21MOY57	On-road	Equipment replacement	2	\$ 174,400.00	Summit Steel Works Corporation	0.071	0.004	0.000	TBD	Santa Clara
21MOY108	On-road	Equipment replacement	1	\$ 26,750.00	Ontrack Moving, LLC	0.393	0.026	0.003	APCO	Alameda
21MOY107	Ag/ off-road	Equipment replacement	2	\$ 111,195.00	Olive Tree Farm	0.179	0.020	0.016	TBD	Sonoma
21MOY115	Ag/ off-road	Equipment replacement	2	\$ 279,120.00	F.A. Maggiore & Sons, LLC	0.707	0.086	0.053	TBD	Contra Costa
21MOY122	Ag/ off-road	Equipment replacement	1	\$ 38,625.00	TMR Wine Company, LLC	0.047	0.005	0.006	APCO	Napa
21MOY111	Ag/ off-road	Equipment replacement	1	\$ 52,624.00	Haire Management Co. LLC	0.164	0.111	0.018	APCO	Napa
21MOY112	Ag/ off-road	Equipment replacement	2	\$ 83,700.00	Walnut Grove Partnership	0.257	0.052	0.025	APCO	Solano
21MOY128	Ag/ off-road	Equipment replacement	1	\$ 56,510.00	Bob Balestra (Vineyard)	0.173	0.022	0.015	APCO	Solano
21MOY100	Marine	Engine replacement	2	\$ 354,000.00	Golden Gate Scenic Steamship Corp.	0.898	0.000	0.048	TBD	San Francisco

AGENDA 4 - ATTACHMENT 2

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
21MOY110	On-road	Equipment replacement	1	\$ 40,000.00	Ahsan Trucking	0.662	0.056	0.000	APCO	Alameda
21MOY124	Ag/ off-road	Equipment replacement	1	\$ 60,545.00	Perry Kozlowski Ranch	0.047	0.012	0.009	APCO	Sonoma
21MOY126	Ag/ off-road	Equipment replacement	2	\$ 77,250.00	T and M Agricultural Services, LLC	0.160	0.029	0.025	APCO	Napa
21MOY125	Marine	Engine replacement	4	\$ 3,056,000.00	Baydelta Navigation LTD	33.696	4.427	1.237	TBD	San Francisco
21SBP98	School bus	Equipment replacement	2	\$ 323,778.00	Palo Alto Unified School District	0.094	0.006	0.005	TBD	Santa Clara
21SBP114	School bus	Equipment replacement	4	\$ 1,672,500.00	Santa Clara Unified School District	0.440	0.041	0.004	TBD	Santa Clara
21MOY79	Marine	Engine replacement	2	\$ 112,000.00	Westar Marine Services	0.259	0.001	0.014	TBD	San Francisco
21SBP75	School bus	Equipment replacement	14	\$ 3,080,000.00	West County Transportation Agency	1.186	0.088	0.000	TBD	Sonoma
94 Projects			179	\$ 29,494,037.00		150.817	16.011	5.958		

AGENDA 4 - ATTACHMENT 3

Table 1 - Summary of all TFCA approved and eligible projects (evaluated between 7/1/19 and 2/6/20)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board/ APCO Approval Date	CARE Area	County
					NO _x	ROG	PM			
19EV006	LD Infrastructure	Install and operate 20 DC fast charging stations at 7 transportation corridor facilities in San Francisco, Novato, Emeryville, and Santa Clara	\$500,000	EVgo Services LLC	0.268	0.103	0.021	7/3/19	Yes	Multi-County
19EV015	LD Infrastructure	Install and operate 5 dual-port level 2 (low) and 3 single-port level 2 (high) charging stations at 3 public transit parking facilities in Albany and Oakland	\$21,500	Metropolitan Transportation Commission	0.010	0.015	0.000	12/20/19	Yes	Alameda
19EV016	LD Infrastructure	Install and operate 7 dual-port level 2 (low) charging stations at a workplace facility in Napa	\$17,500	County of Napa	0.008	0.012	0.000	10/2/19	No	Napa
19EV017	LD Infrastructure	Install and operate 2 single-port level 2 (high) charging stations with a 17.28 kW solar array at a destination facility in Richmond	\$12,000	AHAH LLC	0.003	0.004	0.000	7/2/19	Yes	Contra Costa
19EV019	LD Infrastructure	Install and operate 18 single-port and 54 dual-port level 2 (high) charging stations at 8 workplace facilities in San Rafael	\$270,000	San Rafael City Schools	0.124	0.185	0.004	1/29/20	Yes	Marin
19EV020	LD Infrastructure	Install and operate 16 single-port level 2 (high) charging stations at a multi-dwelling unit facility in San Francisco	\$37,648	One Rincon Hill Association	0.015	0.022	0.000	10/30/19	Yes	San Francisco
19EV021	LD Infrastructure	Install and operate 14 single-port level 2 (high) and 1 single-port level 2 (low) charging stations at 4 workplace, 2 multi-dwelling unit, and 1 transit parking facilities in Richmond	\$55,500	City of Richmond	0.020	0.030	0.001	11/15/19	Yes	Contra Costa
19EV022	LD Infrastructure	Install and operate 2 single-port level 2 (high) charging stations at 1 multi-dwelling unit facility in Palo Alto	\$14,000	W-K Arastradero, LLC	0.003	0.004	0.000	8/28/19	No	Santa Clara
19EV023	LD Infrastructure	Install and operate 3 dual-port level 2 (high) charging stations at a multi-dwelling unit facility in San Mateo	\$24,000	Mode Residences, LLC	0.006	0.008	0.000	7/31/19	No	San Mateo
19EV025	LD Infrastructure	Install and operate 2 dual-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell	\$16,000	Revere Residences LLC	0.004	0.006	0.000	9/3/19	Yes	Santa Clara
19EV033	LD Infrastructure	Install and operate 5 dual-port level 2 (high) charging stations at a workplace facility in Napa	\$20,000	City of Napa	0.009	0.014	0.003	8/14/19	No	Napa
19EV034	LD Infrastructure	Install and operate 2 single-port level 2 (high) and 24 dual-port level 2 (high) charging stations at 1 workplace facility in Milpitas	\$78,000	View, Inc.	0.036	0.053	0.001	8/20/19	No	Santa Clara
19EV035	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at 1 multi-dwelling unit facility in Hayward	\$10,313	Edward D. Kellar dba Windsor Arms	0.006	0.009	0.000	10/30/19	Yes	Alameda
19EV038	LD Infrastructure	Install and operate 4 dual port and 3 single-port level 2 (high) charging stations at 1 destination facility in Santa Clara	\$25,000	City of Santa Clara	0.012	0.017	0.000	10/9/19	Yes	Santa Clara
19EV042	LD Infrastructure	Install and operate 12 dual-port level 2 (high) charging stations at 6 workplace and 1 multi-dwelling unit facilities in Corte Madera, Sunnyvale, Fairfield, Pleasanton, and San Ramon	\$57,000	Cool Earth Solar Development	0.022	0.033	0.001	10/22/19	Yes	Multi-County
19EV046	LD Infrastructure	Install and operate 18 single-port level 2 (high) charging stations at 2 destination facilities in San Francisco	\$36,594	Imperial Parking (U.S.), LLC dba Impark	0.019	0.028	0.001	10/29/19	Yes	San Francisco
19EV048	LD Infrastructure	Install and operate 7 dual-port level 2 (high) and 2 DC fast charging stations at a workplace facility in Santa Clara	\$64,000	Roche Molecular Systems, Inc	0.030	0.044	0.001	9/30/19	Yes	Santa Clara
19EV050	LD Infrastructure	Install and operate 5 dual-port Level 2 (high) charging stations at 4 multi-dwelling unit facilities in Rohnert Park and Santa Rosa	\$40,000	Warm Springs Realty Holdings, LLC	0.009	0.014	0.003	9/6/19	No	Sonoma
19EV052	LD Infrastructure	Install and operate 2 dual-port level 2 (low) and 1 single-port level 2 (high) charging stations at 1 multi-dwelling unit facility in San Ramon	\$17,200	Bollinger Crest Apartment Investors, LP	0.004	0.006	0.000	11/19/19	No	Contra Costa
19EV056	LD Infrastructure	Install and operate 4 single-port level 2 (high) charging stations at 1 multi-dwelling unit facility in Oakland	\$10,000	Uptown Place Homeowner's Association	0.002	0.003	0.000	9/24/19	Yes	Alameda
19EV057	LD Infrastructure	Install and operate 8 single-port and 28 dual-port level 2 (high) charging stations at 3 workplace facilities in Atherton and Redwood City	\$99,000	Redwood City School District	0.046	0.068	0.001	9/3/19	No	San Mateo
19EV062	LD Infrastructure	Install and operate 8 single port level 2 (high) charging stations at 1 multi-dwelling unit facility in Cupertino	\$23,752	19608 Pruneridge Ave (Cupertino), LLC	0.014	0.021	0.000	12/5/19	No	Santa Clara
19EV063	LD Infrastructure	Install and operate 8 dual-port level 2 (high) charging stations at 2 workplace facilities in Milpitas	\$32,000	City of Milpitas	0.015	0.022	0.004	9/10/19	No	Santa Clara
19EV064	LD Infrastructure	Install and operate 10 single-port level 2 (high) charging stations at 5 workplace facilities in Pleasanton, Walnut Creek, San Jose, and Fremont	\$30,000	JKL Corporation	0.014	0.020	0.000	10/18/19	Yes	Multi-County
19EV065	LD Infrastructure	Install and operate 606 single-port level 2 (high) and 6 DC fast charging stations at 18 multi-dwelling unit and workplace facilities in San Francisco, San Jose, Walnut Creek, Palo Alto, Sunnyvale, Belmont, Oakland and Livermore	\$2,500,000	PowerFlex Systems, LLC	0.881	1.309	0.026	10/2/19	Yes	Multi-County
19EV068	LD Infrastructure	Install and operate 3 dual-port level 2 (high) charging stations at 1 workplace facility in Burlingame	\$12,000	Aperia Technologies Inc.	0.006	0.008	0.000	10/29/19	No	San Mateo
19EV070	LD Infrastructure	Install and operate 4 single-port level 2 (high) charging stations at a destination facility in San Francisco	\$12,000	Hornblower Cruises and Events	0.006	0.008	0.000	11/3/19	Yes	San Francisco
19EV072	LD Infrastructure	Install and operate 4 single-port level 2 (high) charging stations with a 16.7 kW solar array at a workplace facility in Sonoma	\$16,000	Sweazey Property Investments, LLC	0.006	0.008	0.000	10/18/19	No	Sonoma
19EV076	LD Infrastructure	Install and operate 15 single-port Level 2 (high) and 1 DC fast charging stations at 1 multi-dwelling unit facility in Milpitas	\$123,000	Milpitas - District 1 Associates, LLC	0.029	0.043	0.001	11/19/19	No	Santa Clara
19EV077	LD Infrastructure	Install and operate 40 DC fast charging stations at 8 transportation corridor facilities in San Ramon, San Mateo, Newark, San Francisco, Millbrae, Cupertino, Castro Valley, and Emeryville	\$1,000,000	EVgo Services, LLC	0.336	0.499	0.010	10/2/19	Yes	Multi-County

AGENDA 4 - ATTACHMENT 3

Table 1 - Summary of all TFCA approved and eligible projects (evaluated between 7/1/19 and 2/6/20)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board/ APCO Approval Date	CARE Area	County
					NO _x	ROG	PM			
19EV079	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell	\$21,000	Brentwood Campbell, LLC dba Brentwood Apartments	0.005	0.007	0.000	11/19/19	Yes	Santa Clara
19EV080	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell	\$21,000	Lyon NC Portfolio Investors, LLC dba Lyon Pebble Creek Apartments, LLC	0.005	0.007	0.000	12/5/19	No	Santa Clara
19EV081	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell	\$21,000	Pruneyard West, LLC dba Pruneyard West Apartments	0.005	0.007	0.000	11/19/19	Yes	Santa Clara
19EV082	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at a multi-dwelling unit facility in Campbell	\$21,000	Lyon NC Portfolio Investors, LLC dba Lyon Shadow Creek Apartments, LLC	0.005	0.007	0.000	12/5/19	Yes	Santa Clara
19EV083	LD Infrastructure	Install and operate 3 single-port level 2 (high) charging stations at a multi-dwelling unit facility in Mountain View	\$21,000	Lyon NC Portfolio Investors, LLC dba Lyon Maplewood Apartments, LLC	0.005	0.007	0.000	12/5/19	No	Santa Clara
19RFG20*	On-road Trucks & Buses	Purchase and operate two electric terminal tractors	\$29,780	CASS, Inc.	0.174	0.001	0.001	Pending	Yes	Alameda
19RFG21†	School Bus	Purchase and operate 15 battery-electric school buses	\$276,200	Züm Services, Inc.	0.111	0.006	0.029	Pending	Yes	Alameda
20R01	Trip Reduction	Enhanced Mobile Source & Commuter Benefits Enforcement	\$80,230	BAAQMD	N/A	N/A	N/A	NA	No	Regional
20R02	LD Vehicles	Vehicle Buy Back Program	\$150,000	BAAQMD	N/A	N/A	N/A	NA	No	Regional
20R03	Trip Reduction	Spare The Air/Intermittent Control Programs	\$2,185,138	BAAQMD	N/A	N/A	N/A	NA	No	Regional
20R06	Trip Reduction	PresidiGo Downtown Shuttle	\$120,000	Presidio Trust	0.129	0.206	0.429	11/20/19	Yes	San Francisco
20R08	Trip Reduction	Pleasanton Connector Shuttles	\$80,000	San Joaquin Regional Rail Commission	0.202	0.285	0.772	11/20/19	Yes	Alameda
20R09	Bicycle Facilities	Install 0.2 miles of Class I bikeway in San Ramon	\$390,000	City of San Ramon	0.012	0.018	0.041	11/20/19	Yes	Contra Costa
20R10	Trip Reduction	Caltrain Shuttle Program	\$485,000	Peninsula Corridor Joint Powers Board	1.893	2.280	5.292	11/20/19	No	Multi-County
20R11	Bicycle Facilities	Install 1.58 miles of Class IV bikeway in Los Gatos	\$293,900	Town of Los Gatos	0.010	0.015	0.029	1/29/20	No	Santa Clara
20R12	Bicycle Facilities	Install and maintain 20 electronic bicycle lockers at San Francisco General Hospital	\$34,000	San Francisco Department of Public Health	0.004	0.005	0.009	11/21/19	Yes	San Francisco
20R13	Trip Reduction	Cupertino On-Demand Shuttle Pilot Program	\$423,000	Santa Clara Valley Transportation Authority (VTA)	0.122	0.134	0.308	11/20/19	No	Santa Clara
20R15	Bicycle Facilities	Install 0.26 miles of Class IV bikeway in San Leandro	\$220,000	City of San Leandro	0.008	0.009	0.024	1/29/20	Yes	Alameda
20R17	Bicycle Facilities	Install and maintain 80 electronic bicycle lockers in Belmont, Redwood City, Mountain View, Sunnyvale, and San Jose	\$200,000	Peninsula Corridor Joint Powers Board	0.043	0.048	0.130	11/20/19	Yes	Multi-County
20R18	Trip Reduction	SJSU Ridesharing & Trip Reduction	\$111,000	Associated Students, San Jose State University	0.154	0.162	0.372	1/29/20	Yes	Multi-County
20R19	Bicycle Facilities	Install and maintain a bike station with 270 new secure bike parking spaces in Oakland	\$675,000	San Francisco Bay Area Rapid Transit District	0.072	0.095	0.237	11/20/19	Yes	Alameda
20R20	Trip Reduction	Rideshare to Transit in San Mateo County	\$300,000	City/County Association of Governments of San Mateo County	0.126	0.123	0.313	Pending	No	San Mateo
20R21	Bicycle Facilities	Install 518 bike rack parking spaces in 8 schools in Palo Alto	\$38,800	Palo Alto Unified School District	0.028	0.061	0.041	11/21/19	No	Santa Clara
20R22	Bicycle Facilities	Install and maintain 20 electronic bicycle lockers at the Berkeley Marina Mall	\$50,000	City of Berkeley	0.006	0.008	0.018	11/20/19	Yes	Alameda
20R23	Bicycle Facilities	Install and maintain 44 electronic bicycle lockers at the El Cerrito and San Leandro BART Stations	\$110,000	San Francisco Bay Area Rapid Transit District	0.015	0.018	0.044	1/29/20	Yes	Multi-County
20R25	Trip Reduction	ACE Shuttle Bus Program	\$949,000	Santa Clara Valley Transportation Authority	1.254	1.276	3.450	Pending	Yes	Santa Clara
20R26	On-road Trucks & Buses	Purchase and operate one battery-electric shuttle	\$13,500	California State University - Maritime Academy	0.005	0.003	0.001	10/2/19	Yes	Solano
20RSB01‡	School Bus	Match funding for Project #21SBP98 and #21SBP114 for the replacement of 6 diesel/CNG school buses with battery electric school buses	\$681,052	BAAQMD	N/A	N/A	N/A	Pending	No	Santa Clara
Total	58 Projects		\$13,174,607		6.348	7.401	11.621			

* The award amount is in addition to \$102,390 in RFG funds.

† The award amount is in addition to \$173,800 in RFG funds.

‡ In addition to \$1,996,278 in state funds, this TFCA award amount includes \$513,500 to Project #21SBP98 and \$167,552 to Project #21SBP114.

Table 2 - Summary of all RFG approved and eligible projects (evaluated between 7/1/18 and 2/6/20)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board/ APCO Approval Date	CARE Area	County
					NO _x	ROG	PM			
19RFG04 [*]	Off-road (non-ag)	Purchase and operate 3 electric forklifts and one electric terminal truck	\$40,200	Wyse Logistics	0.097	0.013	0.006	10/17/18	Yes	Alameda
19RFG06 [†]	LD Infrastructure	Install and operate 43 dual-port level 2 EV charging stations	\$94,000	Hayward Unified School District	0.054	0.071	0.001	10/17/18	Yes	Alameda
19RFG13	LD Infrastructure	Install and operate 10 50kW DC fast charging stations	\$389,400	EVgo Service, LLC	0.040	0.060	0.001	6/5/19	Yes	Alameda
19RFG14	Off-road (non-ag)	Purchase and operate one electric terminal tractor	\$39,400	Oakland Maritime Support Services, Inc.	0.066	0.011	0.007	5/23/19	Yes	Alameda
19RFG16	Off-road (non-ag)	Purchase and operate one electric terminal tractor	\$80,000	GSC Logistics, Inc.	0.051	0.002	0.003	8/29/19	Yes	Alameda
19RFG18	Off-road (non-ag)	Purchase and operate 5 electric vehicles	\$21,300	Another Corporate ISP LLP DBA Monkeybrains	0.001	0.001	0.002	10/30/19	Yes	Alameda
19RFG19	Off-road (non-ag)	Purchase and operate one electric terminal tractor	\$80,000	Oakland Pallet Co.	0.097	0.001	0.003	10/30/19	Yes	Alameda
19RFG20 [‡]	On-road Trucks & Buses	Purchase and operate 2 electric terminal tractors	\$102,390	CASS, Inc.	0.597	0.005	0.005	Pending	Yes	Alameda
19RFG21 [§]	School Bus	Purchase and operate 15 battery-electric school buses	\$173,800	Züm Services, Inc.	0.070	0.004	0.018	Pending	Yes	Alameda
Total	9 Projects		\$1,020,490		1.073	0.167	0.047			

* The award amount is in addition to \$80,000 in TFCA funds.

† The award amount is in addition to \$172,000 in TFCA funds.

‡ The award amount is in addition to \$29,780 in TFCA funds.

§ The award amount is in addition to \$276,200 in TFCA funds.

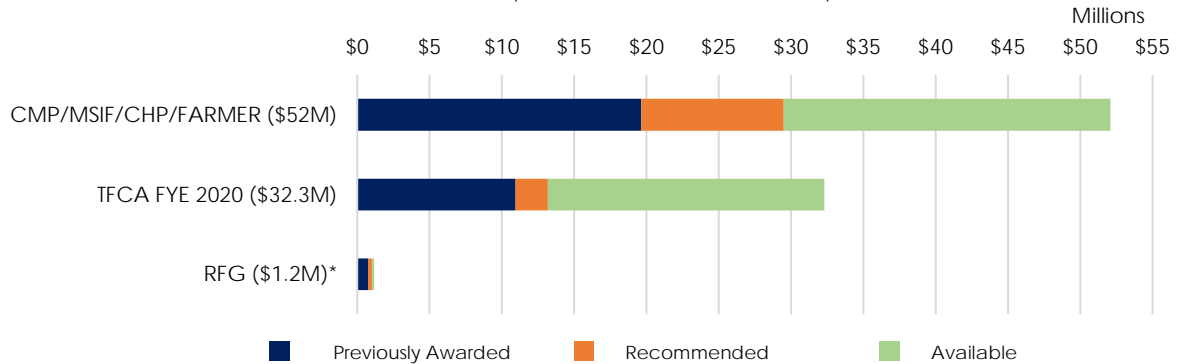
AGENDA 4 - ATTACHMENT 4

Figures 1-3 summarize funding awarded from the following revenue sources:

- Carl Moyer Program (CMP)
- Community Health Protection Program (CHP)
- Funding Agricultural Replacement Measures for Emission Reductions (FARMER)
- Mobile Source Incentive Fund (MSIF)
- Transportation Fund for Clean Air (TFCA)
- Reformulated Gasoline Settlement Fund (RFG)

Figure 1. Status of FYE 2020 funding by source

includes funds awarded, recommended for award, and available



* Includes funding awarded in FYE 2019 for RFG projects

Figure 2. Funding awarded in FYE 2020 by county:

includes funds awarded & recommended for award

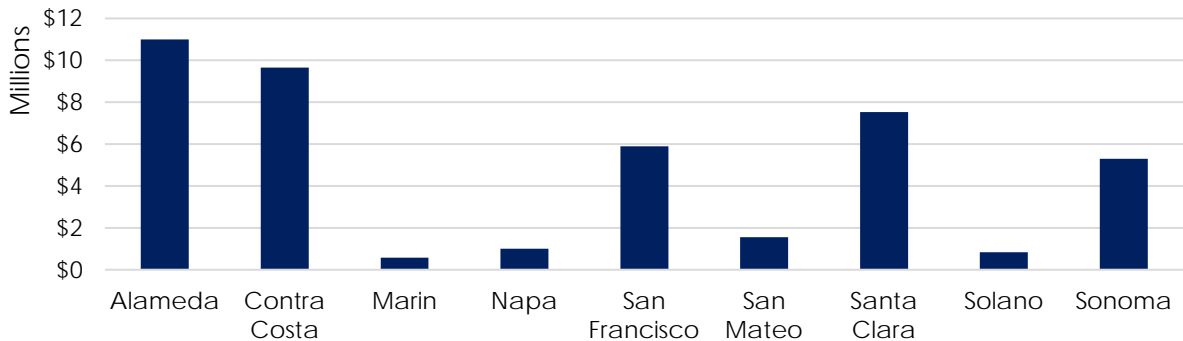
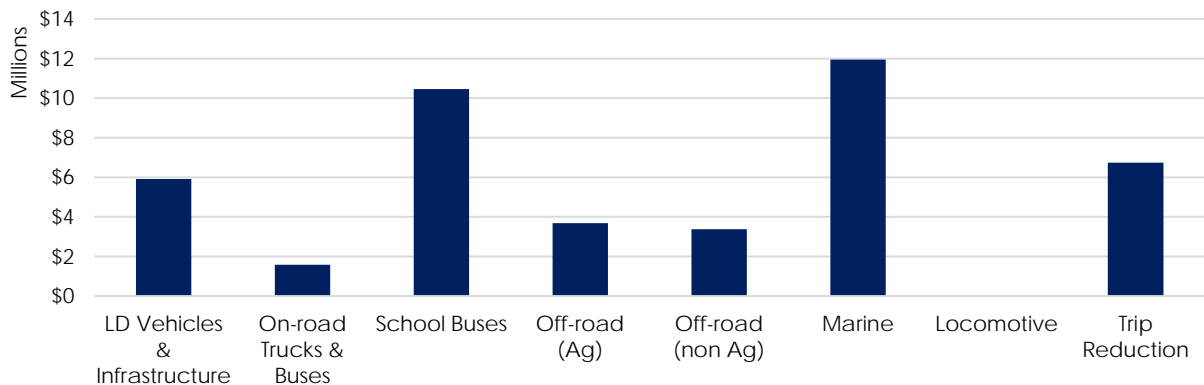


Figure 3. Funding awarded in FYE 2020 by project category

includes funds awarded & recommended for award



AGENDA 4 - ATTACHMENT 4

Figure 4. CMP/MSIF/CHP/FARMER funding awarded since 2009 by county

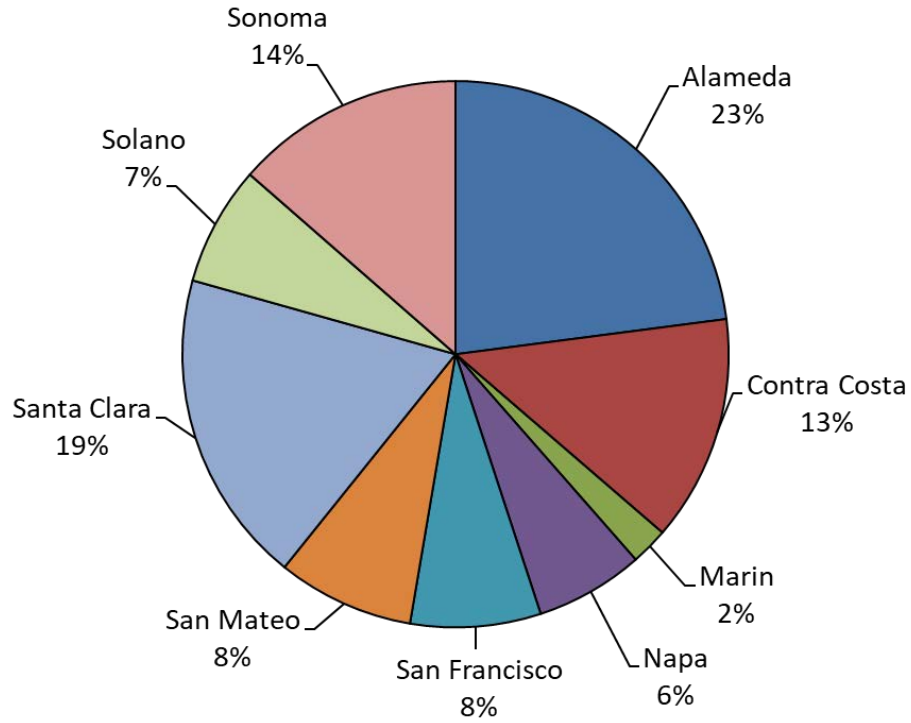
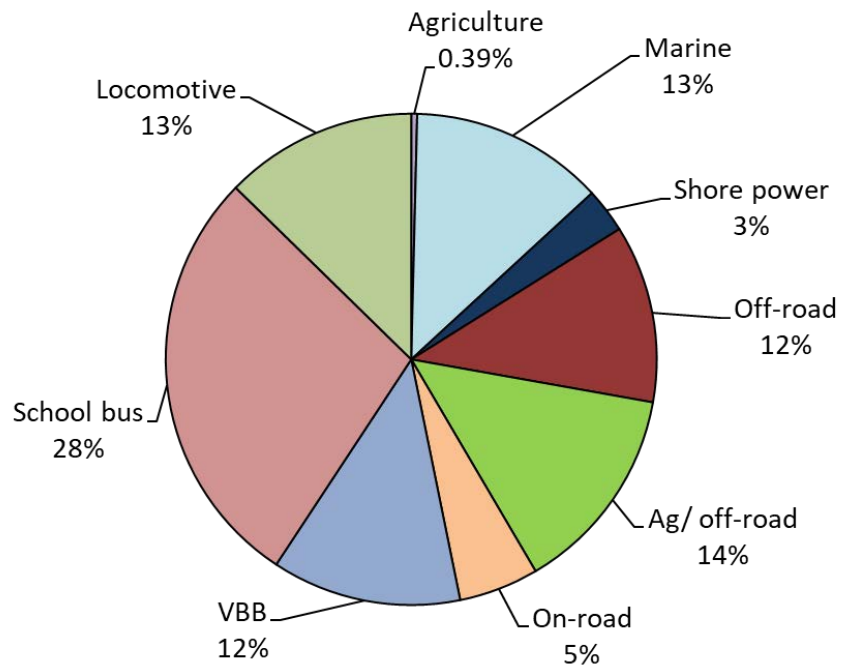


Figure 5. CMP/MSIF/CHP/FARMER funding awarded since 2009 by category



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 20, 2020

Re: Participation in Year 22 of the Carl Moyer Program

RECOMMENDED ACTIONS

Recommend the Board of Directors:

1. Adopt a resolution authorizing the Executive Officer/APCO to execute all necessary agreements with the California Air Resources Board (CARB) relating to the Air District's receipt of Carl Moyer Program (CMP) funds for fiscal year 2019-2020 (Program Year 22);
2. Allocate \$3 million in Mobile Source Incentive Funding to provide the required match funding and additional monies for projects eligible for funding under the CMP guidelines; and
3. Authorize the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with Carl Moyer Program and Mobile Source Incentive Funds, with individual grant award amounts up to \$100,000.

BACKGROUND

The Bay Area Air Quality Management District (Air District) has participated in the CMP since the program began in Fiscal Year (FY) 1998-1999. Through the CMP, the Air District provides grants to public and private entities to reduce emissions of oxides of nitrogen (NOx), reactive organic gases (ROG) and particulate matter (PM) from existing heavy-duty engines by either replacing or retrofitting them. Eligible heavy-duty diesel engine applications include trucks and buses, mobile off-road equipment, marine vessels, locomotives, stationary agricultural pump engines, and forklifts.

Assembly Bill (AB) 923 (Firebaugh), enacted in 2004 (codified as Health and Safety Code Section 44225), authorized local air districts to increase their motor vehicle registration surcharge up to an additional \$2 per vehicle. The revenues from the additional surcharge are deposited in the Air District's Mobile Source Incentive Fund (MSIF). AB 923 stipulates that air districts may use the revenues generated by the additional \$2 surcharge for projects eligible under the CMP.

DISCUSSION

In December 2019, the Air District submitted an application to CARB requesting \$13 million for the implementation of the CMP Year 22 CMP funding cycle (FY 2019-2020). Up to 6.25% of the total funds awarded to the Air District will be used to pay for administrative expenses related to the implementation of the CMP. As part of the application, the Air District has proposed a commitment of up to \$2 million in matching funds for Year 22. Staff is therefore requesting the Board meet this required match and expand the program for additional eligible emissions reductions projects by allocating \$3 million in MSIF funds for the CMP Year 22 funding cycle.

Staff plans to begin accepting CMP Year 22 applications in mid-2020, and to evaluate applications on a first-come, first-served basis, until all funds have been allocated. Staff is requesting a continuation of the Board's direction to grant the Executive Officer/APCO authorization to execute contracts and amendments for projects with individual grant awards up to \$100,000. Awards for projects seeking grant award amounts over \$100,000 will continue to be brought to the Mobile Source Committee on at least a quarterly basis.

The Air District will use the 2017 CARB CMP Guidelines, and subsequent updates for the Year 22 CMP cycle. Year 22 funding will be obligated to eligible projects by June 30, 2021 and expended by June 30, 2022. In accordance with AB 1390, 50% of all CMP funding allocated by the Air District must be awarded to projects in impacted communities. The process that will be used for identifying and prioritizing CMP Year 22 projects with the most significant exposure will be similar to the process used for the previous CMP funding cycles, with priority given to projects that reduce emissions in communities based on data from the Air District's Community Air Risk Evaluation (CARE) program.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. Through the CMP and MSIF grant programs the Air District distributes "pass-through" funds to public agencies and private entities on a reimbursement basis. Administrative costs for all programs are provided by each funding source.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Anthony Fournier
Reviewed by: Karen Schkolnick

Attachment 5A: Draft Resolution to participate in Year 22 of the Carl Moyer Program

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION No. 2020 -

**A Resolution Accepting Carl Moyer Program Funds
From the California Air Resources Board**

WHEREAS, California Health and Safety Code Division 26, Part 5, Chapter 9, empowers the California Air Resources Board (ARB) to allocate Carl Moyer Program funds to local air quality districts to provide financial incentives to both the public and private sectors to implement eligible projects to reduce emissions from on-road, marine, locomotive, agricultural, and off-road engines;

WHEREAS, California Health and Safety Code section 44287, authorizes ARB to provide an air district with funds if that district provides matching funds in an amount established by ARB;

WHEREAS, the Bay Area Air Quality Management District (District) submitted an application to ARB requesting \$13,000,000 in Carl Moyer Program funds to implement the Carl Moyer Program within the District for the fiscal year (FY) 2019-2020 (Year 22) cycle;

WHEREAS, the District proposed to commit up to \$2,000,000 in matching funds as part of the Year 22 Carl Moyer Program cycle, in accordance with the requirements of California Health and Safety Code section 44287;

WHEREAS, ARB will authorize a grant to the District to implement the Carl Moyer Program Year 22, upon approval by the Board of Directors to accept such grant of funds;

WHEREAS, ARB will award a grant in the amount of as much as \$13,000,000, with the District-required match of up to \$2,000,000;

WHEREAS, the District may consider projects that qualify for grant funds under the requirements for the State Reserve portion of Carl Moyer Program funds.

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors hereby approves the District's continued participation in the Carl Moyer Program, including the State Reserve portion thereof, and acceptance of the FY 2019-2020 Carl Moyer Program funds, to be awarded to eligible District projects in accordance with the ARB Carl Moyer Program guidelines.

BE IT FURTHER RESOLVED, the District will provide the required matching funds for District projects by allocating local motor vehicle surcharge revenues to eligible emission reduction projects that qualify for Carl Moyer Program matching purposes.

BE IT FURTHER RESOLVED, the Executive Officer/Air Pollution Control Officer is hereby authorized and empowered to execute on behalf of the District grant agreements with ARB and all other necessary documents to implement and carry out the purposes of this resolution.

The foregoing resolution was duly and regularly introduced, passed and adopted at a regular meeting of the Board of Directors of the Bay Area Air Quality Management District on the Motion of Director _____, seconded by Director _____, on the ____ day of _____, 2020, by the following vote of the Board:

AYES:

NOES:

ABSENT:

Rod Sinks
Chair of the Board of Directors

ATTEST:

Karen Mitchoff
Secretary of the Board of Directors

DRAFT

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 20, 2020

Re: New Clean Cars for All Program Funding

RECOMMENDED ACTIONS

Recommend the Board of Directors:

1. Adopt a resolution authorizing the Executive Officer/APCO to accept, obligate, and expend up to \$5 million from the California Air Resources Board (CARB) for the Bay Area Clean Cars for All Program; and
2. Authorize the Executive Officer/APCO to enter into all agreements necessary to accept, obligate, and expend this funding.

BACKGROUND

The Clean Cars for All Program (Program) provides incentives for low-income households (up to 400% of the Federal Poverty Level) to retire older, high-polluting vehicles and replace them with a newer, cleaner vehicle or with alternative transportation options (e.g. Clipper card). Vehicles eligible for purchase or lease include hybrid electric, plug-in hybrid, or electric vehicles. The Program reduces criteria pollutants and greenhouse gas emissions throughout the Bay Area and supports the goal of equitable access to electric vehicles.

The Program was launched in March 2019, through an initial \$5 million grant from CARB, through CARB's California Climate Investments (CCI) initiative that puts Cap-and-Trade dollars to work reducing greenhouse gas emissions. CARB requirements limited program eligibility to 76 zip codes in disadvantaged communities in the Bay Area, based on CalEnviroScreen 3.0.

On February 6, 2019, the Board of Directors authorized the Air District to accept additional funding for the Program from CARB through the Volkswagen settlement fund. This agreement between the Air District and CARB was finalized in June 2019, and provided an additional \$5 million over two years. The additional funding allowed the Air District to expand the Program to residents in all Bay Area zip codes, significantly increasing the number of people who are eligible to apply.

DISCUSSION

In December 2019, CARB notified the Air District that up to \$5 million was available in CCI funds for the Air District's Clean Cars for All Program. CARB requires the Air District Board of Directors adopt a resolution to accept these funds before it will enter into a contract with the Air District for the additional Program funds.

This funding will allow the Air District to continue providing incentives to low-income residents in 76 Bay Area zip codes identified as disadvantaged communities. Up to 15% of the funds may be used by the Air District to administer the Program, with 10% available to support Air District staff costs to manage applications and cases. The remaining 5% may be used to subcontract with third party entities to help increase participation from low-income consumers in disadvantaged communities. Additional updates about the Clean Cars for All Program will be shared as part of the staff presentation.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None. These funds from CARB are considered "pass-through" funds, which are offered to grantees directly or to reduce the purchase or lease costs for vehicles. Funds from CARB also cover Air District staff and other program costs.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Deanna Yee
Reviewed by: Anthony Fournier

Attachment 6A: Draft Resolution accepting Clean Cars for All Program funds from the CARB.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION NO. 2020-_____

**A Resolution Accepting Clean Cars for All Program funds
From the California Air Resources Board**

WHEREAS, the purpose of this Resolution is to authorize the Bay Area Air Quality Management District (Air District) to accept, obligate, and expend up to \$5 million in additional funding from the California Air Resources Board (ARB) to administer the Bay Area Clean Cars For All Program and to authorize the Executive Officer/Air Pollution Control Officer to execute all necessary agreements, required documents, and amendments required to expend this funding;

WHEREAS, the California Legislature added item 3900-101-3228 to Section 2.00 of the Budget Act of 2016 which directed at least \$60 million of the Low Carbon Transportation appropriation be allocated for the Clean Cars For All Program (previously named the EFMP and EFMP Plus-up Program), a vehicle retirement and replacement program;

WHEREAS, on March 28, 2018, ARB awarded \$5 million in FY 2016-2017 Low Carbon Transportation Funds to the Air District to start the Bay Area Clean Cars For All Program;

WHEREAS, remaining funds from the 2016 Clean Cars For All Program allocation were reallocated to ARB for the Clean Cars For All Program in FY 2018-2019;

WHEREAS, in December 2019, ARB staff notified the Air District that they will award a portion of the reallocated funds to the Air District to continue funding the Clean Cars For All Program;

WHEREAS, ARB will authorize a grant of up to \$5 million to the Air District to continue to implement the Clean Cars For All program, upon approval by the Board of Directors to accept such grant of funds;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby approves the Air District's acceptance of ARB funds and commits the Air District to comply with the ARB Clean Cars For All regulatory requirements.

BE IT FURTHER RESOLVED, the Executive Officer/Air Pollution Control Officer to accept, obligate, and execute all agreements, required documents, and any amendments thereto to implement and carry out the purposes of this resolution.

The foregoing resolution was duly and regularly introduced, passed and adopted at a regular meeting of the Board of Directors of the Bay Area Air Quality Management District on the Motion of Director _____, seconded by Director _____, on the ____ day of _____, 2020 by the following vote of the Board:

AYES:

NOES:

ABSTAIN:

ABSENT:

Rod Sinks
Chair of the Board of Directors

ATTEST:

Karen Mitchoff
Secretary of the Board of Directors

DRAFT

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson David Canepa and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: February 20, 2020

Re: Air District Grant Programs Overview

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

The Bay Area Air Quality Management District (Air District) aims to create a healthy breathing environment for every Bay Area resident while protecting and improving public health, air quality, and the global climate. Since its formation in 1955, as the first regional air quality agency in the nation, it has led the effort to reduce air pollution and GHG emissions and to protect public health in the Bay Area. While the Air District is tasked with regulating stationary sources of air pollution in the nine counties that surround San Francisco Bay, it does not have the authority to regulate emissions from mobile sources.

In the Bay Area, mobile sources account for more than half of reactive organic gases (ROG), nitrogen oxides (NO_x), and particulate matter (PM) emissions, and over 40% of the greenhouse gases (GHG) generated¹. For this reason, reducing emissions from mobile sources is essential to helping the Bay Area attain state and federal ambient air quality standards and meet the Air District's GHG reduction goals.

The Air District has been achieving emissions reductions from mobile sources beyond what is required by state and federal emissions standards, primarily through its grant programs by providing financial incentives to accelerate the deployment of clean air vehicles and equipment, to encourage commuters to shift modes to public transit and active transportation, and to demonstrate advanced clean air technologies.

¹ BAAQMD 2017 Clean Air Plan, Emissions Inventory for year 2015. Mobile Sources include: Passenger Cars, Light-, Medium-, Light-Heavy-, Medium-Heavy-, Heavy-Heavy-Duty Trucks, School/Urban Buses, Motor-Homes, Motorcycles, Lawn & Garden Equipment, Transportation Refrigeration Units, Agricultural Equipment, Construction and Mining Equipment, Industrial Equipment, Light Duty Commercial Equipment, Trains, Off-Road Recreational Vehicles, Ships, Commercial Harbor Craft, Recreational Boats, and Airport Ground Support Equipment.

Air District's grant programs are primarily funded through the Transportation Fund for Clean Air (TFCA) Program, Mobile Source Incentive Fund (MSIF) Program, Community Health Protection Grant Program, Carl Moyer Program, and the California Goods Movement Bond Program. These programs accumulate annually via fees, bond sales, and Cap-and-Trade auction proceeds that are distributed to the Air District. Staff also worked to secure new sources of funding (e.g., settlements and competitive solicitations sponsored by the Air Resources Board, the U.S. Environmental Protection Agency) to further fund the reduction of emissions in the region.

In addition to grants programs that target the reduction of emissions from mobile sources, the Air District also administers programs that offer financial incentives to help Bay Area homeowners permanently remove or replace their wood-burning heating devices with cleaner options, that provide grants to public agencies to reduce GHGs from existing Bay Area buildings and to foster innovative strategies for long-term GHG reduction, and that provide capacity building and outreach grant funds to Bay Area community groups, neighborhood associations, community-based local nonprofits, and public K-12 schools for activities in their communities to address air pollution and reduce global climate impacts.

DISCUSSION

In calendar year 2019, the Air District awarded more than \$78 million in funding to eligible projects. Of the funding awarded, approximately \$77.4 million came from state, federal, and other local sources with the remaining derived from the Air District's general fund; over 50% of the funding was awarded to projects in Communities Air Risk Evaluation (CARE) areas. The presentation to the Committee will include a discussion of the total incentive funds awarded in calendar year 2019, by funding source, project/equipment category, and county; a summary of the total estimated emissions reduced; and historical information showing the amount of funds awarded by the Air District over the past five years. Staff will also discuss with the Committee the projected funding for each of the Air District's primary grant programs and program priorities for calendar year 2020.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

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