



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BOARD OF DIRECTORS
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY – CHAIR
JOHN AVALOS
CAROLE GROOM
REBECCA KAPLAN

DAVID CANEPA – VICE CHAIR
TOM BATES
DAVID E. HUDSON
NATE MILEY
KAREN MITCHOFF

THURSDAY
SEPTEMBER 22, 2016
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**

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.

2. **PUBLIC COMMENT PERIOD**

(Public Comment on Non-Agenda Items Pursuant to Government Code § 54954.3) Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at District headquarters, 375 Beale Street, San Francisco, CA, 94105 at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.

This meeting will be webcast. To see the webcast, please visit <http://www.baaqmd.gov/about-the-air-district/board-of-directors/resolutionsagendasminutes> at the time of the meeting.

Staff/Phone (415) 749-

3. **APPROVAL OF THE MINUTES OF JUNE 30, 2016**

Clerk of the Boards/5073

The Committee will consider approving the attached draft minutes of the Mobile Source Committee meeting of June 30, 2016.

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

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider recommending Board of Directors' approval of Carl Moyer Program and Transportation Fund for Clean Air 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. **UPDATE ON THE SHUTTLE AND RIDESHARE PROGRAM**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

Staff will provide an overview of the current TFCA Regional Fund Shuttle and Ridesharing Incentive Program, discuss alternative options for providing funding to shuttle and ridesharing operators, present a recommendation for the Board of Directors' approval of \$406,000 in FYE 2017 Transportation Fund for Clean Air Trip Reduction funding for Spare the Air transit advertising campaign and authorize the Executive Officer/APCO to execute grant agreements for the LAVTA shuttle.

6. **ACCEPT, OBLIGATE, AND EXPEND FUNDING FROM THE BAY AREA CLEAN AIR FOUNDATION (FOUNDATION)**

K. Schkolnick/5070

kschkolnick@baaqmd.gov

The Committee will consider a recommendation to adopt a resolution that would authorize the Air District to accept, obligate, and expend up to \$1,266,600, plus any interest accrued, from the Foundation for roadside air pollution monitoring projects, and authorize the Executive Officer/APCO to enter into all necessary agreements to accept and expend this funding.

7. **COMMITTEE MEMBER COMMENTS**

Any member of the Board, 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)

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

Thursday, October 27, 2016, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

9. **ADJOURNMENT**

The Committee meeting shall be adjourned by the Committee Chair.

CONTACT:

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

(415) 749-5016
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, CALIFORNIA 94105
FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF AIR DISTRICT MEETINGS

SEPTEMBER 2016

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	19	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	19	10:30 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	21	9:45 a.m.	1 st Floor Board Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	22	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i> - CANCELLED	Wednesday	28	9:30 a.m.	1 st Floor Board Room

OCTOBER 2016

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Advisory Council Meeting <i>(At the Call of the Chair)</i>	Monday	3	10:00 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i> - CANCELLED	Wednesday	5	9:45 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	17	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i> - CANCELLED	Monday	17	10:30 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	19	9:45 a.m.	1 st Floor Board Room

OCTOBER 2016

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Public Engagement Committee <i>(At the Call of the Chair)</i>	Thursday	20	9:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i> - CANCELLED	Wednesday	26	9:30 a.m.	1 st Floor Board Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	27	9:30 a.m.	1 st Floor Board Room

NOVEMBER 2016

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	2	9:45 a.m.	1 st Floor Board Room
Board of Directors Regular Meeting <i>(Meets on the 1st & 3rd Wednesday of each Month)</i>	Wednesday	16	9:45 a.m.	1 st Floor Board Room
Board of Directors Climate Protection Committee <i>(Meets on the 3rd Thursday of every other Month)</i>	Thursday	17	9:30 a.m.	1 st Floor Board Room
Board of Directors Executive Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	21	9:30 a.m.	1 st Floor Board Room
Board of Directors Stationary Source Committee <i>(Meets on the 3rd Monday of each Month)</i>	Monday	21	10:30 a.m.	1 st Floor Board Room
Board of Directors Budget & Finance Committee <i>(Meets on the 4th Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	1 st Floor Board Room
Board of Directors Mobile Source Committee <i>(Meets on the 4th Thursday of each Month)</i>	Thursday	24	9:30 a.m.	1 st Floor Board Room

HL – 8/25/16 (10:05 a.m.)

G/Board/Executive Office/Moncal

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Memorandum

To: Chairperson Scott Haggerty and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 8, 2016

Re: Approval of the Minutes of June 30, 2016

RECOMMENDED ACTION

Approve the attached draft minutes of the Mobile Source Committee (Committee) Meetings of June 30, 2016.

DISCUSSION

Attached for your review and approval are the draft minutes of the Mobile Source Committee (Committee) Meetings of June 30, 2016.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Marcy Hiratzka
Reviewed by: Maricela Martinez

Attachment A: Draft Minutes of the Mobile Source Committee Meeting of June 30, 2016

AGENDA 3A – ATTACHMENT

Draft Minutes – Mobile Source Committee Meeting of June 30, 2016

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
Thursday, June 30, 2016

1. CALL TO ORDER – ROLL CALL

Mobile Source Committee (Committee) Chair Scott Haggerty called the meeting to order at 9:30 a.m.

Present: Chairperson Scott Haggerty, Vice-Chairperson David Canepa; and Directors John Avalos, Tom Bates, Carole Groom, David Hudson, Rebecca Kaplan, Nate Miley, and Karen Mitchoff.

Absent: None.

Also Present: None.

2. PUBLIC COMMENT PERIOD:

No requests received.

3. APPROVAL OF THE MINUTES OF FEBRUARY 25, 2016 AND MAY 5, 2016

Public Comments:

No requests received.

Committee Comments:

None.

Committee Action:

Vice-Chair Canepa made a motion, seconded by Director Hudson, to approve the Minutes of February 25 and May 5, 2016; and the motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Canepa, Groom, Haggerty, Hudson, Kaplan, Miley and Mitchoff.

NOES: None.

ABSTAIN: None.
ABSENT: None.

NOTED PRESENT: Director Bates was noted present at 9:35 a.m.

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

Karen Schkolnick, Acting Director of the Strategic Incentives Division, introduced Adam Shapiro, Administrative Analyst, who gave the staff presentation *Projects and Contracts with Proposed Grant Awards Over \$100,000* including: overview; Carl Moyer Program (CMP), Mobile Source Incentive Fund (MSIF), Transportation for Clean Air (TFCA); CMP Year 17; CMP and MSIF Funds awarded as of June 7, 2016 and since 2009; TFCA Fiscal Year Ending (FYE) 2016; TFCA funds by project category and by county; resolution for California Air Resources Board (ARB) greenhouse gas (GHG) reduction funds; and recommendations.

Public Comments:

None received.

Committee Comments:

The Committee and staff discussed: making various revisions to the slides in this presentation to make the content congruent with what was verbally presented; the shift in demand for truck and heavy-duty replacement projects in Alameda County; the need for additional outreach to farm bureaus, Cattlemen’s Associations, and County Boards of Supervisors that have jurisdiction over agricultural areas about agriculture project funding opportunities; whether or not shipping programs are eligible for CMP and MSIF funding; and the need to include the replacement of old trucks and transit vehicles as eligible projects in order to hit more potential applicants.

Committee Action:

Director Kaplan made a motion, seconded by Director Hudson, to approve the staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Canepa, Groom, Haggerty, Hudson, Kaplan, Miley and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: None.

5. ACCEPT, OBLIGATE, AND EXPEND FUNDING FROM THE BAY AREA CLEAN AIR FOUNDATION AND FROM THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Damien Breen, Deputy Air Pollution Control Officer, introduced Ms. Schkolnick, who gave the staff presentation *Accept, Obligate, and Expend Funding from the Bay Area Clean Air Foundation*

(Foundation) and from the United States Environmental Protection Agency (EPA), including: overview; Foundation projects; United States EPA project; and recommendations.

Public Comments:

No requests received.

Committee Comments:

The Committee and staff discussed: the funding sources of the Foundation and the transferring of funds from the Foundation to the District; the nature and frequency of legal settlements that help fund the Foundation; potential upcoming ventures of the Foundation, which is a non-profit organization, and which is eligible for sources of funding that the District is not; the availability of Volkswagen Emissions Fraud settlement funds for funding projects; staff's recommendation of www.plugshare.com as the best current website that will locate electric vehicle charging stations, which pulls data from all network providers, and the development of the California Energy Commission's public app that is being created for the same purpose; and the details and history of the Port of San Francisco portion of the EPA project.

Committee Action:

Director Mitchoff made a motion, seconded by Vice-Chair Canepa, to approve the staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Canepa, Groom, Haggerty, Hudson, Kaplan, Miley and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: None.

6. EMISSIONS REDUCTION FROM AIR DISTRICT GRANT PROGRAMS

Mr. Breen introduced Kenneth Mak, Air Quality Specialist, who gave the staff presentation *Emission Reduction from Air District Grant Programs*, including: overview; background; 2015 emission reductions; mobile source emissions inventory; non-mobile source emissions inventory; emissions reduction projection from grants and Three Air District rules; and grants in 2016 and beyond.

Public Comments:

None received.

Committee Comments:

The Committee and staff discussed: the successful annual rate of .3% of emissions that are reduced from the projects that are awarded funds, according to the Bay Area Mobile Source Emissions Inventory; the missing information needed to effectively communicate staff's emission reduction

projection from grants and district rules; the fact that over time, the grant starts to meet up with the effectiveness of the regulations; and grant impacts on emission reduction, versus rules impacts.

Committee Action:

None, receive and file.

7. FISCAL YEAR ENDING 2017 TRANSPORTATION FUND FOR CLEAN AIR REGIONAL FUND POLICIES

Ms. Schkolnick introduced Chengfeng Wang, SID Supervisor, who gave the staff presentation *Fiscal Year Ending 2017 Transportation Fund for Clean Air Regional Fund Policies*, including: overview; background; FYE 2016 TFCA regional fund: funding and policies; public input process; proposed revisions; and recommendation.

Public Comments:

None received.

Committee Comments:

The Committee and staff discussed two errors that staff identified after the MSC meeting packet's release. These errors are within the tables on pages 1 and 9 of Agenda Item 7, Attachment B: *Proposed TFCA Regional Fund Policies and Evaluation Criteria for FYE 2017 (redline)*. On pages 1 and 9, Policy # 25 should not have been crossed out.

Committee Action:

Director Hudson made a motion, seconded by Vice Chair Canepa, to approve the staff recommendations; and the motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Canepa, Groom, Haggerty, Hudson, Kaplan, Miley and Mitchoff.
NOES: None.
ABSTAIN: None.
ABSENT: None.

8. COMMITTEE MEMBER COMMENTS

Director Hudson recommended that staff hold another Legislative Committee meeting before the end of the calendar year, as there are now four sets of minutes to be approved, since a quorum was lacking at the last three meetings. He said he mentioned this at the Mobile Source Committee meeting because most of the Legislative Committee members happened to be present. Chair Haggerty said that those who wished to be added to the Legislative Committee must seek approval from Board Chairperson, Eric Mar.

Director Kaplan reported that the City of Oakland unanimously voted to block the handling and storage of coal in Oakland, on June 27, 2016.

Director Avalos reiterated his request that staff provide an update on the Cap and Trade program, including how revenue is projected to come in, presented by both the ARB and an independent source at a future Board meeting.

9. TIME AND PLACE OF NEXT MEETING

Thursday, September 22, 2016, Bay Area Air Quality Management District Office, 375 Beale Street, San Francisco, California 94105 at 9:30 a.m.

10. ADJOURNMENT

The meeting adjourned at 10:31 a.m.

Marcy Hiratzka
Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Scott Haggerty and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 9, 2016

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

RECOMMENDATIONS

Recommend Board of Directors:

1. Approve Carl Moyer Program (CMP) and Transportation Fund for Clean Air (TFCA) projects with proposed grant awards over \$100,000 as shown in Attachment 1;
2. Allocate \$1,500,000 in Mobile Source Incentive Funds (MSIF) for Compressed Natural Gas (CNG) tank replacements on school buses; and
3. Authorize the Executive Officer/APCO to enter into agreements with applicants for the recommended CMP and TFCA projects, and Lower Emission School Bus Program 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 (ARB), since the program began in fiscal year 1998-1999. The CMP 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 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 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 18, 2015, the Board of Directors (Board) authorized Air District participation in Year 17 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 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 the Transportation Fund for Clean Air (TFCA) and requirements of the program are set forth in California 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, Plug-in Electric Vehicle 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 funding.

On May 6, 2015, the Board authorized the allocation of \$13.77 million in new TFCA revenue for Fiscal Year Ending (FYE) 2016 and authorized the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with TFCA revenues with individual grant award amounts up to \$100,000.

CMP and TFCA 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 the grant applications based upon the respective governing policies and guidelines established by the ARB and/or the Board.

DISCUSSION

Carl Moyer Program:

The Air District started accepting project applications for the CMP Year 17 funding cycle on August 17, 2015. The Air District had approximately \$9 million available for CMP projects from a combination of MSIF and CMP funds for the Year 17 cycle. Project applications were accepted and evaluated on a first-come, first-served basis.

As of August 30, 2016, the Air District had received 76 project applications for the CMP Year 17 cycle. Of the applications that have been evaluated between June 7, 2016 and August 30, 2016, four eligible projects have proposed individual grant awards over \$100,000. These projects will replace five tractors and six marine engines. These projects will reduce over 2.7 tons of NOx, ROG and PM per year. Staff recommends the allocation of \$580,480 to these projects from a combination of CMP funds 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 August 30, 2016, and summarizes the allocation of funding by equipment category, and county. This list also includes the Voucher Incentive Program (VIP) on-road replacement projects awarded since the last Committee update. Approximately 34% of the funds have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 3 summarizes the cumulative allocation of CMP, MSIF, and VBB funding since 2009 (more than \$125 million awarded to 757 projects).

Lower-Emission School Bus Program:

To date, the Air District has provided over \$2.5 million for the replacement of CNG tanks on 133 Bay Area school buses. Through this program, public school districts are eligible for up to \$20,000 per bus to cover the costs of new CNG tanks and installation. On June 4, 2014, the Board of Directors allocated \$6.3 million in MSIF funds to school bus retrofit, replacement and CNG tank replacement projects under the Lower Emission School Bus Program (LESBP). Of the funds allocated, \$1.3 million was specifically set aside for CNG tank replacement projects on school buses. Due to the high demand for project funding from the recent solicitation, and the importance of timely CNG tank replacement projects, staff is recommending an additional \$1.5 million in MSIF funding be allocated for CNG tank replacement projects. Staff plans to return to the Committee with a recommended funding allocation for LESBP school bus replacement and retrofit projects within the next year.

Transportation Fund for Clean Air:

On May 6, 2015, the Board allocated \$24.47 million in TFCA funding, of which \$13.77 million are new funds for eligible projects in FYE 2016 and authorized cost-effectiveness limits and evaluation criteria for Air District-sponsored FYE 2016 programs. On July 29, 2015, the Board adopted policies and evaluation criteria for the FYE 2016 TFCA Regional Fund program.

As of August 30, 2016 the Air District had received 139 applications for FYE 2016 funding. Of these, staff has evaluated 135 applications, of which 109 projects were approved or recommended for funding; 20 projects were not recommended; and six applications were withdrawn. Of the applications that were evaluated between June 7, 2016 and August 30, 2016, two eligible projects have proposed an individual grant award over \$100,000. These projects will replace 10 diesel buses with battery electric 40-foot buses and deploy two battery electric 35-foot buses. These two projects will reduce more than 1.65 tons of NO_x, ROG, and PM per year. Staff recommends the allocation of \$609,012 in TFCA funds to these projects. Attachment 1, Table 2, provides additional information on these projects.

Attachment 4 lists the 109 eligible FYE 2016 TFCA projects that were evaluated by the Air District as of August 30, 2016. In total, these projects represent approximately \$12.4 million in funding awards, which include TFCA funds, \$450,000 in Reformulated Gasoline (RFG) Settlement funds, and \$239,850 in California Energy Commission (CEC) funds. These projects will reduce approximately 61.21 tons of NO_x, ROG, and PM, and about 31,000 tons of tailpipe greenhouse gas emissions per year. Approximately 47.6% of the FYE 2016 TFCA funds awarded have been awarded to projects that reduce emissions in highly impacted Bay Area communities. Attachment 5 summarizes the allocation of funding by project category (Figure 1), and county (Figure 2).

BUDGET CONSIDERATION / FINANCIAL IMPACT

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

Respectfully submitted,

Jack P. Broadbent
Executive Director/APCO

Prepared by: Anthony Fournier and Michael Neward
Reviewed by: Chengfeng Wang and Karen Schkolnick

- Attachment 1: Projects with grant awards greater than \$100,000 (evaluated 6/7/16 – 8/30/16)
- Attachment 2: Summary of all CMP/ MSIF and VIP approved and eligible projects (evaluated 11/20/15 – 8/30/16)
- Attachment 3: Summary of program distribution by county and equipment category for CMP, MSIF, VBB, and VIP funding since 2009.
- Attachment 4: Summary of all TFCA approved and eligible projects (evaluated 7/1/2015 - 8/30/16)
- Attachment 5: Summary of distribution of TFCA funds by county and project category (evaluated 7/1/15 - 8/30/16)

AGENDA 4 - ATTACHMENT 1

Table 1 - Summary of Carl Moyer Program/ Mobile Source Incentive Fund projects with grant awards greater than \$100k (Evaluated between 6/7/16 and 8/30/16)

Project #	Applicant name	Equipment category	Project description	Proposed contract award	Total project cost	Emission Reductions (Tons per year)			County
						NOx	ROG	PM	
17MOY65	SF Boat Support	Marine	Replacement of two diesel marine engines.	\$ 149,000.00	\$ 175,782.44	0.864	0.007	0.031	San Francisco
17MOY76	James B Smith, DBA, California Dawn Sportfishing	Marine	Replacement of two diesel marine engines.	\$ 126,000.00	\$ 149,951.00	0.530	0.000	0.028	Contra Costa
17MOY67	Stagecoach Vineyards Limited Partnership	Ag/ off-road	Replacement of five diesel tractors.	\$ 193,480.00	\$ 241,865.27	0.687	0.102	0.045	Napa
17MOY64	Scomas Restaurant Inc. (Commercial fishing)	Marine	Replacement of two diesel marine engines.	\$ 112,000.00	\$ 176,808.34	0.399	0.012	0.017	San Francisco
4 Projects				\$ 580,480.00		2.480	0.121	0.121	

Table 2 - Summary of Transportation Fund for Clean Air projects with grant awards greater than \$100k (Evaluated between 6/7/16 and 8/30/16)

Project #	Project Sponsor	Project Category	Project Description	City	Est. C/E	Proposed Contract Award	Emission Reductions (Tons per year)			County
							NO _x	ROG	PM	
16HDZ005	San Mateo County Transit District	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 10 40' zero-emission battery electric buses and scrap 10 model year 2003 buses	Regional	\$97,211	\$473,990	1.435	0.100	0.005	San Mateo
16HDZ007	Marin County Transit District	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 2 35' zero-emission battery electric buses	San Rafael/ Marin	\$249,999	\$135,022	0.097	0.005	0.004	Marin
2 Projects						\$609,012	1.531	0.105	0.008	

AGENDA 4 - ATTACHMENT 2

Summary of all CMP, MSIF and VIP approved/ eligible projects (between 11/20/15 and 8/30/16)

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
17MOY5	Ag/ off-road	Equipment replacement	1	\$ 249,000.00	Ironhouse Sanitary District	0.925	0.078	0.027	12/16/2015	Contra Costa
17MOY8	Marine	Engine replacement	1	\$ 117,400.00	Andrew Guiliano, DBA, Andrew Guiliano (Charter fishing)	0.407	0.025	0.015	12/16/2015	Contra Costa
17MOY7	Off-road	Engine replacement	3	\$ 213,500.00	Dees- Hennessey, Inc. (Construction)	0.966	0.109	0.038	12/16/2015	San Mateo
17MOY1	Ag/ off-road	Equipment replacement	3	\$ 126,370.00	Robert Giacomini Dairy, Inc.	0.357	0.055	0.023	12/16/2015	Marin
17MOY2	Ag/ off-road	Equipment replacement	1	\$ 60,710.00	Donald J. Moreda, Sr. (Dairy)	0.190	0.027	0.010	APCO	Sonoma
17MOY3	Marine	Engine replacement	1	\$ 154,500.00	Daniel Lazzari DBA Daniel Lazzari (Commercial fishing)	0.887	0.017	0.032	12/16/2015	San Francisco
16MOY97	Ag/ off-road	Equipment replacement	1	\$ 61,200.00	Imhof Tractor Service, Inc.	0.207	0.007	0.009	APCO	Alameda
17MOY6	Ag/ off-road	Equipment replacement	1	\$ 93,645.00	Gregory Lyons (Lyon's Farms)	0.339	0.048	0.021	APCO	Contra Costa
17MOY11	Ag/ off-road	Equipment replacement	2	\$ 337,232.00	Ben Silacci dba Silacci Dairy	2.628	0.307	0.109	12/16/2015	Sonoma
17MOY19	Ag/ off-road	Equipment replacement	1	\$ 120,650.00	Ghiggeri and Stonebarger, LLC	0.530	0.029	0.009	12/16/2015	Contra Costa
17MOY4	Off-road	Equipment replacement	1	\$ 33,150.00	Pacific Coast General Engineering, Inc.	0.161	0.027	0.010	APCO	Contra Costa
17MOY25	Ag/ off-road	Equipment replacement	1	\$ 172,820.00	Spring Hill Jersey Cheese	0.913	0.095	0.033	2/17/2016	Sonoma
17MOY18	Marine	Engine replacement	2	\$ 207,000.00	Tom Mattusch, DBA, F/V Huli Cat	1.393	-0.010	0.054	2/17/2016	San Mateo
17MOY28	Ag/ off-road	Equipment replacement	1	\$ 282,200.00	Lum Family Farms, Inc.	0.959	0.100	0.034	3/16/2016	Solano
17MOY40	Ag/ off-road	Equipment replacement	1	\$ 121,490.00	F.A. Maggiore & Sons, LLC	0.533	0.030	0.009	3/16/2016	Contra Costa
17MOY36	Ag/ off-road	Equipment replacement	1	\$ 129,595.00	Bayview Vineyards Corp.	0.601	0.061	0.023	3/16/2016	Napa
17MOY31	Marine	Engine replacement	1	\$ 145,800.00	Chris W. Lawson (Commercial fishing)	0.639	0.012	0.023	3/16/2016	San Mateo
17MOY26	Ag/ off-road	Equipment replacement	3	\$ 187,405.00	Diamond M Dairy	0.573	0.090	0.033	3/16/2016	Sonoma
17MOY29	Marine	Engine replacement	1	\$ 98,800.00	Richard L. Ogg II (Commercial fishing)	0.364	0.009	0.012	APCO	Sonoma
17MOY42	Marine	Engine replacement	1	\$ 70,000.00	Nicholas Krieger (Charter fishing)	0.393	0.009	0.015	APCO	San Francisco
17MOY15	Ag/ off-road	Equipment replacement	1	\$ 31,600.00	E & M Deniz Dairy	0.105	0.004	0.004	APCO	Sonoma
17MOY30	Marine	Engine replacement	1	\$ 78,500.00	Christian Troy Cavanaugh (Charter fishing)	0.234	0.000	0.013	APCO	Marin
17MOY20	Ag/ off-road	Equipment replacement	1	\$ 21,635.00	Cortina Vineyard Management	0.072	0.004	0.003	APCO	Napa
17MOY32	Ag/ off-road	Equipment replacement	1	\$ 48,210.00	Ronald William Cardoza (Farmer)	0.125	0.018	0.008	APCO	San Mateo
17MOY27	Ag/ off-road	Equipment replacement	2	\$ 52,300.00	Martinelli Brothers (Vineyard and orchard)	0.068	0.041	0.011	APCO	Sonoma
17MOY35	Ag/ off-road	Equipment replacement	1	\$ 76,690.00	R. Rossi Co. (Farmer)	0.458	0.065	0.023	APCO	San Mateo
17MOY39	Ag/ off-road	Equipment replacement	1	\$ 15,600.00	David Bertram (Cattle and vineyards)	0.021	0.012	0.003	APCO	Solano
17MOY37	Ag/ off-road	Equipment replacement	1	\$ 72,000.00	Kehoe Dairy, Inc.	0.226	0.027	0.010	APCO	Marin
17MOY16	Ag/ off-road	Equipment replacement	1	\$ 49,357.00	Poncica Family, LLC (Cattle and dairy)	0.274	0.039	0.014	APCO	Marin
17MOY38	Ag/ off-road	Equipment replacement	1	\$ 35,825.00	Dittmer Ranch	0.073	0.015	0.007	APCO	Solano
17MOY34	Marine	Engine replacement	1	\$ 26,000.00	FV Miss Hailee (Commercial fishing)	0.256	0.014	0.012	5/18/2016	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		
17MOY41	Marine	Engine replacement	2	\$ 212,000.00	David J. Shogren (Commercial fishing)	0.994	0.004	0.044	5/18/2016	Solano
17MOY21	Off-road	Equipment replacement	2	\$ 80,500.00	Economy Lumber Company of Oakland, Inc.	0.358	0.058	0.026	APCO	Alameda
17MOY47	Ag/ off-road	Equipment replacement	1	\$ 121,360.00	Andrew Poncia dba Poncia Fertilizer Spreading	0.474	0.049	0.017	5/18/2016	Sonoma
17MOY45	Ag/ off-road	Equipment replacement	1	\$ 58,800.00	Bianchini, Inc. (Dairy)	0.124	0.022	0.011	APCO	Marin
17MOY48	Ag/ off-road	Equipment replacement	1	\$ 182,750.00	Mertens Dairy	1.352	0.162	0.058	5/18/2016	Sonoma
17MOY44	Ag/ off-road	Equipment replacement	1	\$ 103,500.00	Andrew Poncia dba Poncia Fertilizer Spreading	0.388	0.012	0.012	5/18/2016	Sonoma
17MOY52	Ag/ off-road	Equipment replacement	2	\$ 71,400.00	Peter C. Hayward (Vineyard)	0.136	0.029	0.014	APCO	Sonoma
17MOY53	Off-road	Equipment replacement	3	\$ 938,000.00	Hanson Aggregates, Mid-Pacific, Inc.	7.167	0.812	0.287	5/18/2016	Contra Costa
17MOY50	Ag/ off-road	Equipment replacement	1	\$ 23,255.00	Colinas Farming Company	0.076	0.016	0.004	APCO	Napa
17MOY54	Ag/ off-road	Equipment replacement	2	\$ 84,700.00	Valley View Dairy	0.335	0.048	0.021	APCO	Sonoma
17MOY55	Off-road	Equipment replacement	1	\$ 29,000.00	Coastside Lumber dba South City Lumber & Supply	0.143	0.020	0.009	APCO	San Mateo
17MOY57	Off-road	Equipment replacement	2	\$ 85,550.00	Peninsula Building Materials Co	0.358	0.069	0.029	APCO	Santa Clara
17MOY63	Off-road	Equipment replacement	3	\$ 813,055.00	Noah Concrete Corporation	5.607	0.591	0.213	7/20/2016	Santa Clara
17MOY60	Ag/ off-road	Equipment replacement	2	\$ 197,410.00	Dwleley Family Farms, LLC	0.882	0.071	0.024	7/20/2016	Contra Costa
17MOY33	Off-road	Equipment replacement	1	\$ 51,000.00	Clarks Home and Garden Inc.	0.147	0.041	0.021	APCO	Alameda
17MOY51	Off-road	Equipment replacement	1	\$ 45,860.00	Mt. Diablo Landscape Centers, LLC	0.211	0.039	0.015	APCO	Contra Costa
17MOY56	Off-road	Equipment replacement	1	\$ 49,775.00	Associated Trucking, Inc.	0.149	0.040	0.020	APCO	San Mateo
17MOY62	Marine	Engine replacement	1	\$ 90,000.00	JMC Ryan Corp	0.343	-0.008	0.014	APCO	Marin
17MOY72	Marine	Engine replacement	1	\$ 30,000.00	Wyliecat LLC	0.070	-0.003	0.006	APCO	Contra Costa
17MOY65	Marine	Engine replacement	2	\$ 149,000.00	SF Boat Support	0.864	0.007	0.031	TBD	San Francisco
17MOY71	Ag/ off-road	Equipment replacement	2	\$ 75,850.00	Daniel Yolo	0.165	0.032	0.014	APCO	Sonoma
17MOY75	Ag/ off-road	Equipment replacement	1	\$ 35,329.00	St. Supery Inc.	0.076	0.016	0.008	APCO	Napa
17MOY73	Ag/ off-road	Equipment replacement	1	\$ 35,350.00	Carneros Vineyard Management LLC	0.117	0.004	0.005	APCO	Sonoma
17MOY59	Off-road	Equipment replacement	1	\$ 35,900.00	Channel Lumber Company, Inc..	0.215	0.026	0.009	APCO	Contra Costa
17MOY76	Marine	Engine replacement	2	\$ 126,000.00	James B Smith, DBA, California Dawn Sportfishing	0.530	0.000	0.028	TBD	Alameda
17MOY67	Ag/ off-road	Equipment replacement	5	\$ 193,480.00	Stagecoach Vineyards Limited Partnership	0.687	0.102	0.045	TBD	Napa
17MOY64	Marine	Engine replacement	2	\$ 112,000.00	Scomas Restaurant Inc. (Commercial fishing)	0.399	0.012	0.017	TBD	San Francisco
17MOY74	Off-road	Equipment replacement	6	\$ 45,320.00	JetBlue Airways Corporation	0.208	0.015	0.010	APCO	Alameda
VIP265	VIP	Truck Replacement	1	\$ 40,000.00	Tien Cong Huynh / Tai Cong Huynh	0.860	0.010	0.000	APCO	Alameda
VIP266	VIP	Truck Replacement	1	\$ 45,000.00	IEC Puno Trans Inc or Randy Puno	0.950	0.010	0.000	APCO	Santa Clara
VIP267	VIP	Truck Replacement	1	\$ 45,000.00	Martin S. Mileck	1.400	0.050	0.000	APCO	Mendocino
VIP268	VIP	Truck Replacement	1	\$ 35,000.00	Dennis E. Allen	0.700	0.020	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		
VIP269	VIP	Truck Replacement	1	\$ 25,000.00	Steven R. Martini	0.560	0.020	0.000	APCO	Santa Clara
VIP270	VIP	Truck Replacement	1	\$ 45,000.00	Richard Jones	0.980	0.040	0.000	APCO	Tehama
VIP271	VIP	Truck Replacement	1	\$ 20,000.00	Gravel Sand and Soil Delivery LLC	0.460	0.020	0.000	APCO	Sonoma
VIP272	VIP	Truck Replacement	1	\$ 45,000.00	Gurjot Pawar	0.870	0.030	0.000	APCO	Santa Clara
VIP273	VIP	Truck Replacement	1	\$ 40,000.00	Guru Dutt Saini	0.840	0.010	0.000	APCO	San Joaquin
VIP274	VIP	Truck Replacement	1	\$ 35,000.00	Juan Cortes	1.710	0.020	0.000	APCO	Solano
VIP275	VIP	Truck Replacement	1	\$ 45,000.00	Miller Trucking Corp.	0.890	0.010	0.000	APCO	Shasta
VIP276	VIP	Truck Replacement	1	\$ 35,000.00	James David Gray DBA Jim Gray Trucking	0.670	0.010	0.000	APCO	Glenn
VIP277	VIP	Truck Replacement	1	\$ 30,000.00	Armando Gutierrez	1.390	0.020	0.000	APCO	Sacramento
VIP278	VIP	Truck Replacement	1	\$ 30,000.00	Humberto Santiago Nunez	0.630	0.000	0.000	APCO	Mendocino
VIP279	VIP	Truck Replacement	1	\$ 15,000.00	Dawn M. Lambert DBA Lambert Trucking	0.310	0.010	0.000	APCO	Monterey
VIP280	VIP	Truck Replacement	1	\$ 45,000.00	Charnjit Singh	0.890	0.030	0.000	APCO	Contra Costa
VIP281	VIP	Truck Replacement	1	\$ 25,000.00	Jeffrey/Michelle L. Pederson	0.500	0.010	0.000	APCO	Santa Clara
89 Projects			108	\$ 8,166,328.00		53.062	3.970	1.656		

AGENDA 4 - ATTACHMENT 2

Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 8/30/16

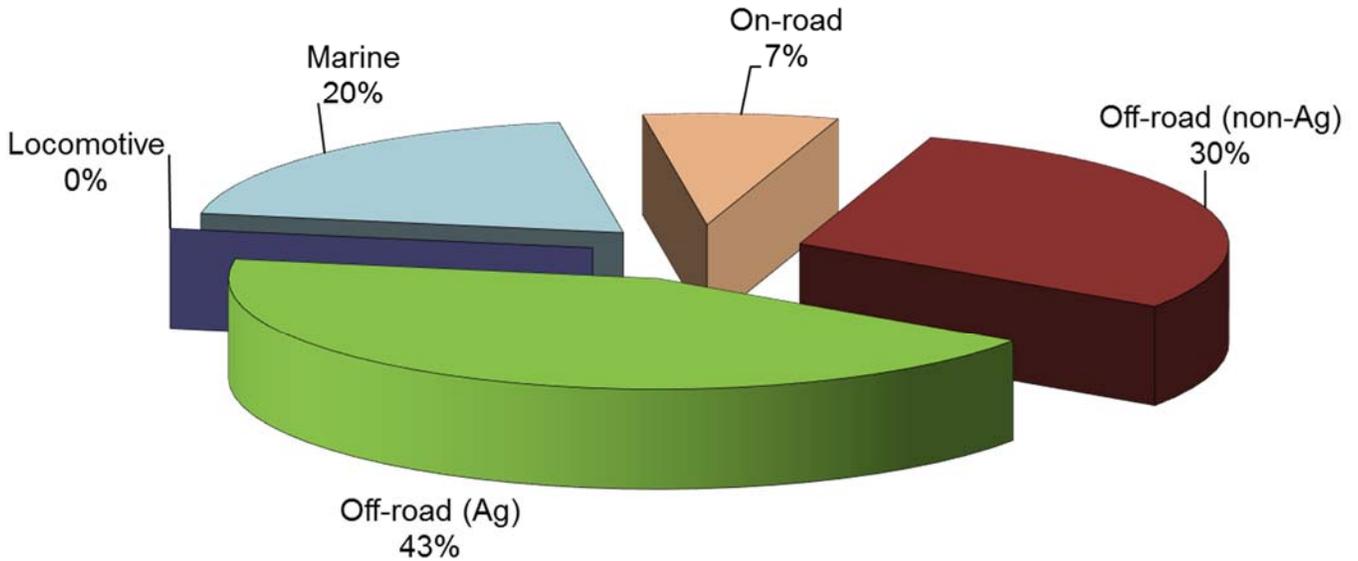
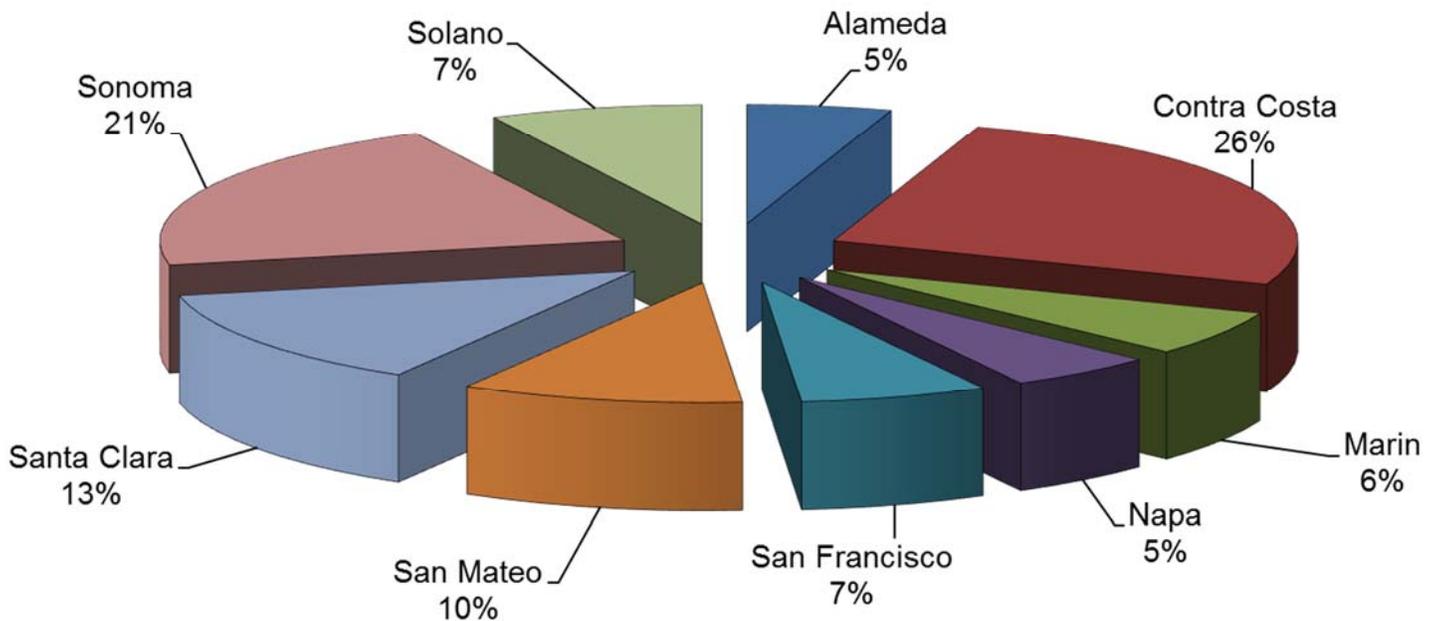


Figure 2: CMP/ MSIF Funding Distribution by County as of 8/30/16



AGENDA 4 - ATTACHMENT 3

Figure 3: CMP, MSIF, VBB and VIP funding since 2009 by equipment category

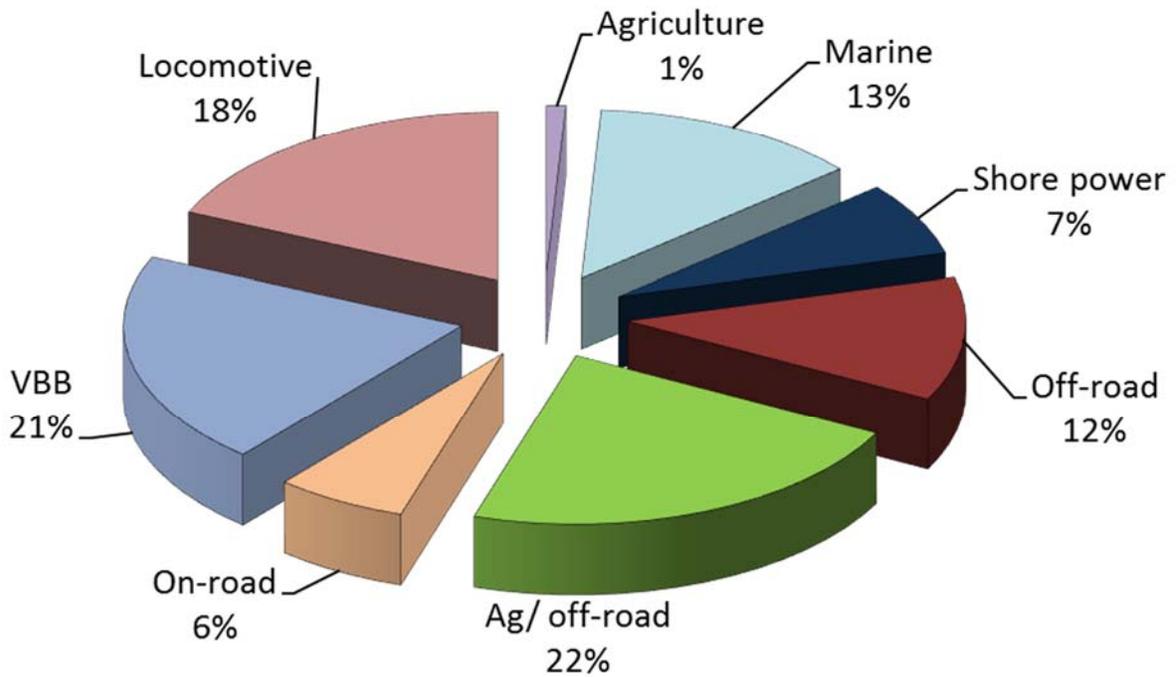
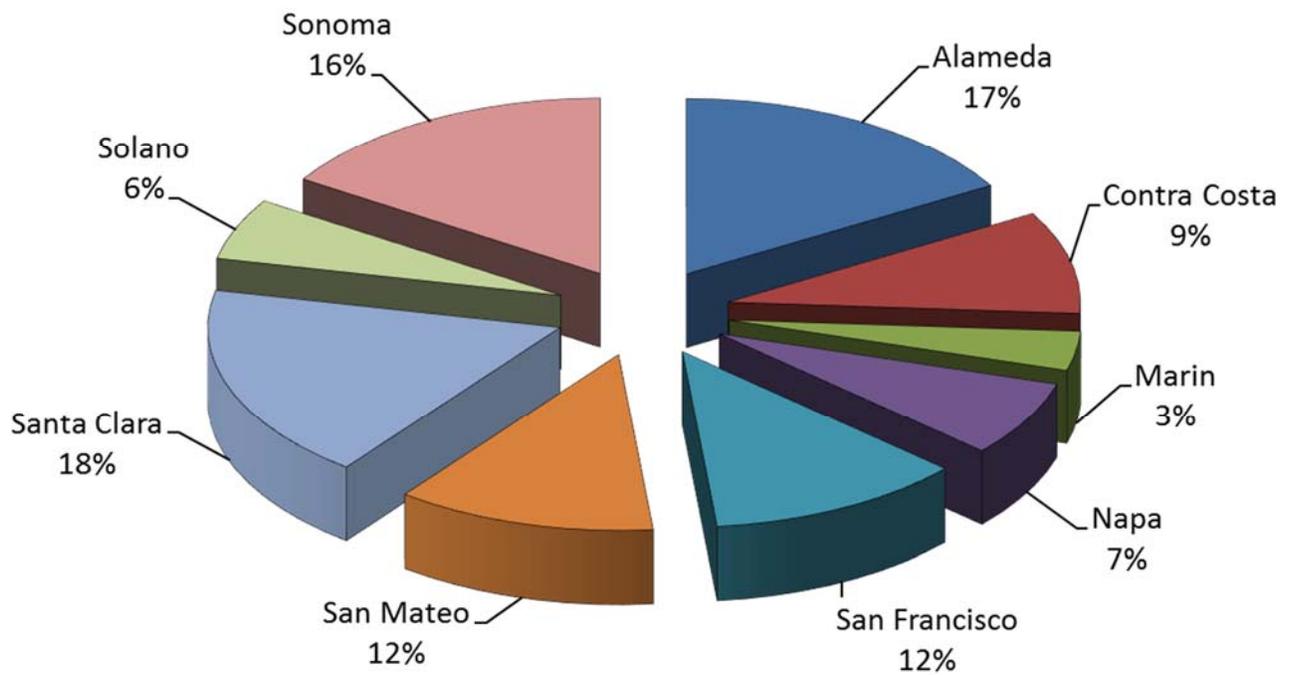


Figure 4: CMP, MSIF, VBB and VIP funding since 2009 by county



AGENDA 4 - ATTACHMENT 4

Summary of all TFCFA approved and eligible projects (evaluated between 6/7/2015 and 8/30/2016)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
16EV001	Plug-in Electric Vehicles (PEV)	Install 10 single-port Level 2 charging stations in San Jose	\$30,000	Car Charging, Inc.	0.008	0.010	0.001	10/5/15	Yes	Santa Clara
16EV003	PEV	Install 39 single-port Level 2 charging stations (with solar) in San Francisco	\$234,000	Powertree Services Inc.	0.030	0.039	0.004	11/18/15	Yes	San Francisco
16EV004	PEV	Install 2 dual-port Level 2 charging stations in Dublin	\$12,000	S & V, LLC	0.003	0.004	0.000	10/5/15	Yes	Alameda
16EV005	PEV	Install 3 single-port DC charging stations (with solar) in Campbell	\$22,500	DTTC Properties, LLC	0.003	0.004	0.000	12/18/15	No	Santa Clara
16EV006	PEV	Install 7 dual-port Level 2 and 2 DC fast EV charging stations (with solar) in Rohnert Park	\$184,000	Sonoma Mountain Village, LLC	0.024	0.031	0.003	2/17/16	No	Sonoma
16EV009	PEV	Install 6 single-port Level 2 charging stations in Petaluma	\$18,000	Clear Blue Commercial	0.005	0.006	0.001	12/22/15	No	Sonoma
16EV010	PEV	Install 24 single-port DC charging stations (with solar) in Palo Alto	\$120,000	Palo Alto Research Center Incorporated	0.016	0.020	0.002	2/17/16	No	Santa Clara
16EV012	PEV	Install 98 dual-port Level 2 charging stations in Santa Clara	\$338,546	Santa Clara Campus Owners' Association	0.088	0.113	0.013	12/16/15	No	Santa Clara
16EV013	PEV	Install 24 single-port DC charging stations (with solar) in Mountain View	\$116,190	Intuit Inc.	0.015	0.019	0.002	2/17/15	No	Santa Clara
16EV015	PEV	Install 8 dual-port Level 2 charging stations in Santa Rosa and Petaluma	\$48,000	Sonoma County Junior College District	0.012	0.016	0.002	2/18/16	No	Sonoma
16EV016	PEV	Install 20 single-port Level 2 charging stations in Vallejo	\$60,000	City of Vallejo	0.016	0.020	0.002	2/18/16	Yes	Solano
16EV017	PEV	Install 2 dual-port and 5 single-port Level 2 charging stations in Martinez	\$21,000	Contra Costa County	0.005	0.007	0.001	7/18/16	No	Contra Costa
16EV018	PEV	Install 3 single-port Level 2 charging stations (with wind) in San Francisco	\$10,925	Oceanview Village HOA	0.002	0.003	0.000	6/14/16	No	San Francisco
16EV019	PEV	Install 2 dual-port Level 2 charging stations in Hayward	\$12,000	California State University, East Bay	0.003	0.004	0.000	12/30/15	No	Alameda
16EV021	PEV	Install 1 DC fast and 8 dual-port Level 2 charging stations in Richmond	\$73,000	Ford Point LLC	0.019	0.024	0.003	12/31/15	Yes	Contra Costa
16EV022	PEV	Install 3 dual-port & 1 single-port Level 2 charging stations (w/solar) in Napa	\$25,500	Napa Creek Village, LLC.	0.003	0.004	0.001	4/19/16	No	Napa
16EV023	PEV	Install 2 dual-port Level 2 charging stations in Livermore	\$12,000	Ferrotec (USA) Corporation	0.003	0.004	0.000	4/26/16	Yes	Alameda
16EV024	PEV	Install 20 dual-port Level 2 charging stations in Palo Alto	\$240,000	City of Palo Alto	0.031	0.040	0.004	5/18/16	No	Santa Clara
16EV025	PEV	Install 12 dual-port Level 2 charging stations in San Mateo	\$72,000	San Mateo County Community College District	0.019	0.024	0.003	2/23/16	No	San Mateo
16EV026	PEV	Install 4 single-port Level 2 charging stations in Petaluma and Marshall	\$11,040	Straus Family Creamery	0.029	0.004	0.000	2/11/16	No	Regional
16EV027	PEV	Install 21 dual-port Level 2 charging stations (with solar) in San Jose	\$223,777	VF/UTC Service, Inc.	0.029	0.037	0.004	3/16/16	Yes	Santa Clara
16EV028	PEV	Install 4 single port Level 2 charging stations (w/ solar) in Palo Alto	\$24,000	Unitarian Universalist Church of Palo Alto	0.003	0.004	0.000	4/28/16	No	Santa Clara
16EV030	PEV	Install 4 single-port Level 2 charging stations (with solar) in Danville	\$24,000	Crow Canyon Medical Center, L.P.	0.003	0.004	0.000	3/11/16	No	Contra Costa
16EV031	PEV	Install 6 single-port DC and 3 dual-port Level 2 charging stations in San Leandro	\$48,000	Infinite Velocity Automotive Inc.	0.013	0.016	0.002	2/18/16	Yes	Alameda
16EV032	PEV	Install 9 dual-port Level 2 charging stations (with solar) in Palo Alto	\$108,000	Komuna Energy, LLC	0.014	0.018	0.002	5/18/16	No	Santa Clara
16EV034	PEV	Install 5 dual-port Level 2 charging stations in San Mateo County	\$15,000	County of San Mateo	0.004	0.050	0.001	4/7/16	No	San Mateo
16EV035	PEV	Install 4 dual-port Level 2 charging stations in Atherton and Menlo Park Schools	\$24,000	Menlo Park City School District	0.006	0.008	0.001	5/2/16	No	San Mateo
16EV036	PEV	Install 6 dual-port Level 2 charging stations in San Jose	\$30,177	Good Samaritan Hospital	0.008	0.010	0.001	4/12/16	No	Santa Clara
16EV037	PEV	Install 2 dual-port Level 2 charging stations in Suisun City	\$12,000	City of Suisun City	0.003	0.004	0.000	6/15/16	No	Solano
16EV038	PEV	Install 2 dual-port Level 2 charging stations in Santa Rosa	\$24,000	Artemedica	0.003	0.004	0.000	2/26/16	No	Sonoma

AGENDA 4 - ATTACHMENT 4

Summary of all TFCFA approved and eligible projects (evaluated between 6/7/2015 and 8/30/2016)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
16EV039	PEV	Install 2 single-port Level 2 and 1 dual-port Level 2 charging stations in Lafayette	\$12,000	City of Lafayette	0.003	0.004	0.000	4/28/16	No	Contra Costa
16EV040	PEV	Install 4 dual-connector Level 2 charging stations in Rohnert Park	\$14,000	Sonoma State University	0.004	0.005	0.001	4/13/16	No	Sonoma
16EV041	PEV	Install 1 dual-connector Level 2 and 2 Low kW DC fast single-port charging stations in Novato	\$13,500	Velocity Prime Automotive Inc.	0.004	0.005	0.001	4/13/16	No	Marin
16EV043	PEV	Install 1 quad-port and 1 dual-port Level 2 charging stations in San Carlos	\$10,364	Peninsula Components Inc.	0.003	0.004	0.000	3/17/16	No	San Mateo
16EV044	PEV	Install 4 single-port Level 2 charging stations in Berkeley	\$10,000	Siemens Molecular Diagnostics	0.003	0.004	0.000	4/13/16	Yes	Alameda
16EV045	PEV	Install 3 single-port Level 2 charging stations (with solar) in Sunnyvale	\$18,000	Executive Inn, Inc.	0.002	0.003	0.000	4/6/16	No	Santa Clara
16EV046	PEV	Install 5 dual-port Level 2 charging stations in San Jose	\$30,000	3901 North First, LLC	0.008	0.010	0.001	4/13/16	No	Santa Clara
16EV048	PEV	Install 4 single-port Level 2 charging stations (with solar) in Palo Alto	\$24,000	Kehilat Etz Chayim	0.003	0.004	0.000	4/13/16	No	Santa Clara
16EV049	PEV	Install 4 single-port Level 2 charging stations in San Francisco	\$10,319	One Hawthorne Owners Association	0.003	0.003	0.000	4/13/16	Yes	San Francisco
16EV051	PEV	Install 4 single-port Level 2 charging stations in San Francisco	\$12,000	8 Octavia Boulevard Owners' Assoc	0.003	0.004	0.000	4/18/16	Yes	San Francisco
16EV052	PEV	Install 4 single-port Level 2 charging stations in Oakland	\$12,000	Belmont-Staten Condo Association	0.003	0.004	0.000	4/19/16	Yes	Alameda
16EV053	PEV	Install 3 single-port and 4 dual-port Level 2 charging stations in Oakland	\$23,000	UCSF Benioff Children's Hospital Oakland	0.006	0.008	0.001	4/18/16	Yes	Alameda
16EV054	PEV	Install 350 EV Level 2 charging stations in Cupertino	\$250,000	Apple Inc.	0.065	0.084	0.009	3/16/16	No	Santa Clara
16EV055	PEV	Purchase & install 5 dual-port Level 2 charging stations (w/Solar) in San Rafael	\$60,000	Marin Clean Energy	0.008	0.010	0.001	6/1/16	Yes	Marin
16EV056	PEV	Install 32 dual-port Level 2 and 5 dual-connector DC charging stations in San Francisco	\$295,182	Bay Area Headquarters Authority	0.076	0.098	0.011	3/16/16	Yes	San Francisco
16EV057	PEV	Install 2 dual-port Level 2 charging stations in Atherton	\$12,000	Town of Atherton	0.003	0.004	0.000	2/11/16	No	San Mateo
16EV058	PEV	Install 4 dual-connector DC fast and 24 dual-port Level 2 charging stations in Oakland	\$244,000	City of Oakland	0.063	0.081	0.009	5/18/16	Yes	Alameda
16EV059	PEV	Install 3 dual-port Level 2 charging stations in San Jose	\$16,583	Sikh Gurdwara - San Jose	0.004	0.006	0.001	4/19/16	Yes	Santa Clara
16EV060	PEV	Install 2 dual-port Level 2 charging stations in Napa	\$12,000	Verasa Napa Condominium Owners Association, Inc.	0.003	0.004	0.000	4/13/16	No	Napa
16EV061	PEV	Install 3 dual connector Level 2 charging stations in Petaluma	\$10,500	Amy's Kitchen	0.003	0.004	0.000	4/20/16	No	Sonoma
16EV062	PEV	Install 5 single-port Level 2 charging stations in San Jose	\$15,000	Carrara at Tuscany Hills Owners' Association	0.004	0.005	0.001	7/26/16	Yes	Santa Clara
16RFG01*	PEV	Install 12 dual-port Level 2 EV charging stations in Livermore and Hayward	\$65,112	Chabot Las Positas Community College District	0.019	0.024	0.003	2/17/16	Yes	Alameda
16RFG02*	PEV	Install 9 dual-port Level 2 EV charging stations in Fremont	\$81,486	City of Fremont	0.014	0.018	0.002	2/17/16	No	Alameda
16RFG08*	PEV	Install 8 dual-port Level 2 EV charging stations in Millbrae	\$78,000	City of Millbrae	0.012	0.016	0.002	2/17/16	No	San Mateo
16RFG09*	PEV	Install 1 DC fast, and 5 dual-port Level 2 EV charging stations in Oakland	\$41,000	City of Oakland	0.007	0.009	0.001	2/17/16	Yes	Alameda
16RFG11*	PEV	Install 8 DC fast EV charging stations in Moffett Field	\$307,569	The NASA Ames Exchange	0.052	0.067	0.007	2/17/16	No	Santa Clara
16RFG15*	PEV	Install 11 dual- and 2 single-port Level 2, and 3 single port Level 1 EV charging stations in Palo Alto	\$121,945	City of Palo Alto	0.020	0.026	0.003	2/17/16	No	Santa Clara

AGENDA 4 - ATTACHMENT 4

Summary of all TFCAs approved and eligible projects (evaluated between 6/7/2015 and 8/30/2016)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
16RFG17	PEV	Install 1 DC fast and 1 single-port Level 2 EV charging station in Richmond	\$47,511	City of Richmond	0.007	0.009	0.001	2/17/16	Yes	Contra Costa
16RFG18	PEV	Install 18 dual- and 5 single-port Level 2 EV charging stations in Fremont	\$250,000	San Francisco Bay Area Rapid Transit District (BART)	0.032	0.041	0.005	2/17/16	No	Alameda
16RFG19	PEV	Install 1 DC fast, and 7 dual-port Level 2 EV charging stations in Oakland and Hayward	\$149,610	County of Alameda	0.017	0.022	0.002	2/17/16	Yes	Alameda
16DCFC01**	PEV	Install 1 DC fast - single unit w/dual connectors charging station in Saratoga	\$35,000	City of Saratoga	0.007	0.008	0.001	5/18/16	No	Santa Clara
16DCFC02**	PEV	Install 1 DC fast - single unit w/dual connectors and 1 Level 2 charging station in Colma	\$43,000	Town of Colma	0.007	0.009	0.001	5/18/16	No	San Mateo
16DCFC03**	PEV	Install 1 dual-connector DC fast - charging station in Brisbane	\$40,000	City of Brisbane	0.007	0.008	0.001	5/18/16	No	San Mateo
16DCFC04**	PEV	Install 8 DC fast - single unit w/ dual connectors and 48 single-port Level 2 charging stations (with solar) in 8 cities in 4 counties	\$699,950	Clean Fuel Connection	0.089	0.115	0.013	5/18/16	Yes	Regional
16DCFC05**	PEV	Install 7 DC fast - single units w/dual connectors and 6 single-port Level 2 charging stations in 7 cities in 5 counties	\$292,900	NRG EV Services	0.050	0.064	0.007	5/18/16	No	Regional
16PEV002	PEV	Purchase one zero emissions motorcycle (ZEM)	\$2,500	Town of Colma Police Department	0.000	0.007	0.000	10/20/15	No	San Mateo
16PEV003	PEV	Purchase one ZEM	\$2,500	Pittsburg Police Department	0.000	0.007	0.000	12/23/15	No	Contra Costa
16PEV004	PEV	Purchase 15 battery electric vehicles (BEV)	\$37,500	County of Alameda	0.006	0.007	0.001	4/19/16	Yes	Alameda
16PEV005	PEV	Purchase 10 BEVs	\$25,000	City of Oakland	0.004	0.005	0.001	6/3/16	Yes	Alameda
16PEV006	PEV	PEV rebate for 7 BEVs	\$17,500	City of San Jose	0.003	0.004	0.000	8/17/16	Yes	Santa Clara
16PEV007	PEV	PEV rebate for 2 ZEMs	\$5,000	City of Berkeley	0.000	0.014	0.000	7/28/16	Yes	Alameda
16HDZ001	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 15 30' zero-emission battery electric buses	\$334,549	UC Regents	0.268	0.033	0.007	7/20/16	Yes	San Francisco
16HDZ002	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 2 40' zero-emission battery electric buses and scrap 1 vehicle	\$96,190	Solano County Transit	0.409	0.279	0.002	8/10/16	Yes	Solano
16HDZ005	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 10 40' zero-emission battery electric buses and scrap 10 model year 2003 buses	\$473,990	San Mateo County Transit District	1.435	0.100	0.005	Pending	No	San Mateo
16HDZ007	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 2 35' zero-emission battery electric buses	\$135,022	Marin County Transit District	0.097	0.005	0.004	Pending	No	Marin
16HDG001	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 11 zero-emission battery-electric trucks and scrap one model year 2004 truck	\$151,430	Goodwill Industries	0.296	0.016	0.003	7/20/16	Yes	San Francisco
16HDG002	Zero-Emission Heavy-Duty Trucks & Buses	Purchase 10 zero-emission, hydrogen fuel-cell transit buses and scrap 10 model year 2002 buses	\$1,000,000	Alameda-Contra Costa Transit District	3.690	1.548	0.007	7/20/16	Yes	Alameda/Contra Costa
16R11	Shuttle & Rideshare	511 regional carpool program	\$1,000,000	Metropolitan Transportation Commission	7.780	7.290	6.860	11/18/15	Yes	Regional
16R12	Shuttle & Rideshare	SJSU ridesharing & trip reduction	\$140,000	Associated Students, San Jose State University	1.830	1.780	1.580	11/18/15	Yes	Regional
16R15	Shuttle & Rideshare	Ace shuttle 53 & 54	\$80,000	San Joaquin Regional Rail Commission	0.260	0.460	0.450	11/18/15	Yes	Alameda
16R17	Shuttle & Rideshare	PresidiGo shuttle	\$100,000	Presidio Trust	0.380	0.380	0.350	11/18/15	Yes	San Francisco
16R18	Shuttle & Rideshare	Broadway shuttle	\$186,500	City of Oakland	0.230	0.350	0.350	11/18/15	Yes	Alameda
16R19	Shuttle & Rideshare	Caltrain shuttle program	\$767,100	Peninsula Corridor Joint Powers Board	2.380	2.450	2.160	11/18/15	No	San Mateo
16R20	Shuttle & Rideshare	ACE shuttle bus program	\$960,000	Santa Clara Valley Transportation Authority	3.760	3.350	3.430	11/18/15	No	Santa Clara

AGENDA 4 - ATTACHMENT 4

Summary of all TFCAs approved and eligible projects (evaluated between 6/7/2015 and 8/30/2016)

Project #	Project Category	Project Description	Award Amount	Applicant Name	Emission Reductions (Tons per year)			Board Approval Date	CARE Area	County
					NO _x	ROG	PM			
16R30	Pilot Trip Reduction	Bishop Ranch Business Park shared autonomous vehicle shuttle pilot	\$1,000,000	Contra Costa Transportation Authority	0.580	0.629	0.295	5/18/16	Yes	Contra Costa
16R22	Bicycle Lockers	Purchase and install 1 eLocker quad and 2 eLocker doubles in Campbell	\$20,000	City of Campbell	0.011	0.012	0.012	3/9/16	Yes	Santa Clara
16R23	Bicycle Lockers	Purchase and install 20 eLocker quads in Berkeley, Dublin/Pleasanton, Millbrae, San Leandro, and Union City	\$200,000	Bay Area Rapid Transit District	0.112	0.115	0.116	7/20/16	Yes	Alameda/ San Mateo
16R24	Bicycle Lockers	Purchase and install 4 eLocker quads in Emeryville and Santa Clara	\$40,000	Capitol Corridor Joint Powers Authority	0.022	0.023	0.023	4/13/16	Yes	Alameda/ Santa Clara
16BR001	Bicycle Racks	Purchase and install 5 bike racks in San Carlos	\$3,000	San Carlos School District	0.006	0.009	0.004	12/21/15	No	San Mateo
16BR003	Bicycle Racks	Purchase and install 8 bike racks in Los Altos	\$3,840	Mountain View Los Altos Union High School District	0.008	0.011	0.005	12/31/15	No	Santa Clara
16BR004	Bicycle Racks	Purchase and install 15 bike racks in Dublin	\$1,800	Dublin Unified School District	0.004	0.005	0.002	1/26/16	Yes	Alameda
16BR005	Bicycle Racks	Purchase and install 72 bike racks in Richmond	\$11,160	City of Richmond	0.024	0.033	0.015	1/21/16	Yes	Contra Costa
16BR007	Bicycle Racks	Purchase and install 6 bike racks for in Livermore	\$2,880	Granada High School	0.006	0.009	0.004	3/23/16	Yes	Alameda
16BR008	Bicycle Racks	Purchase and install 23 bike racks in Los Gatos	\$9,000	Los Gatos Unified School District	0.019	0.027	0.012	3/22/16	No	Santa Clara
16BR009	Bicycle Racks	Purchase and install 9 bicycle racks in Los Gatos	\$4,260	Los Gatos High School	0.009	0.013	0.006	3/23/16	No	Santa Clara
16BR010	Bicycle Racks	Purchase and install 125 bicycle racks in Mountain View	\$15,000	Mountain View Whisman School District	0.032	0.044	0.020	3/15/16	No	Santa Clara
16BR011	Bicycle Racks	Purchase and install 70 bike racks in Palo Alto	\$8,400	Palo Alto Unified School District	0.018	0.025	0.011	3/23/16	No	Santa Clara
16BR012	Bicycle Racks	Purchase and install 11 bike racks in Burlingame	\$3,960	Burlingame School District	0.008	0.012	0.005	3/23/16	No	San Mateo
16BR013	Bicycle Racks	Purchase and install 12 bike racks in Napa	\$1,342	Napa County	0.003	0.004	0.002	4/8/16	No	Napa
16BR014	Bicycle Racks	Purchase and install 4 bicycle racks for San Carlos School District (24 capacity)	\$2,880	San Carlos School District	0.006	0.009	0.004	7/28/16	No	San Mateo
16BR015	Bicycle Racks	Purchase and install 33 bicycle racks for City of Fremont (66 capacity)	\$3,960	City of Fremont	0.008	0.012	0.005	7/19/16	No	Alameda
16BR016	Bicycle Racks	Purchase and install 5 bicycle racks for City of Saint Helena (10 capacity)	\$600	City of Saint Helena	0.001	0.002	0.001	7/19/16	No	Napa
16BR017	Bicycle Racks	Purchase and install 4 bike racks for Napa County Office of Education (8 capacity)	\$480	Napa County Office of Education	0.001	0.001	0.001	7/28/16	No	Napa
16BR018	Bicycle Racks	Purchase and install 30 bike racks for City of Menlo Park (60 capacity)	\$3,600	City of Menlo Park	0.008	0.011	0.005	8/8/16	No	San Mateo
16BR019	Bicycle Racks	Purchase and install 25 bike racks for City of Morgan Hill (50 capacity)	\$3,000	City of Morgan Hill	0.006	0.009	0.004	8/4/16	No	Santa Clara
16BR020	Bicycle Racks	Purchase and install 10 bike racks for City of Napa (200 capacity)	\$1,200	Napa Valley Transportation Authority	0.003	0.004	0.002	8/8/16	No	Napa
16BR021	Bicycle Racks	Purchase and install 28 bike racks for City of Richmond (60 capacity)	\$3,600	City of Richmond	0.008	0.011	0.005	8/4/16	Yes	Contra Costa
16BR022	Bicycle Racks	Purchase and install 100 bike racks for Gunn High School (200 capacity)	\$10,548	Gunn High School	0.025	0.035	0.016	8/8/16	No	Santa Clara
16BR023	Bicycle Racks	Purchase and install 3 bike racks for City of Cupertino (36 capacity)	\$2,160	City of Cupertino	0.005	0.006	0.003	8/22/16	No	Santa Clara
109 Projects			\$12,422,636		24.79	20.49	15.93			

* Award amount for these nine projects includes a total of \$450,000 in Reformulated Gas (RFG) Settlement funds.

** Award amount for these projects include \$239,850 in California Energy Commission (CEC) funds, pending CEC approval.

AGENDA 4 - ATTACHMENT 5

Summary of FYE 2016 TFCA funds distributed by county and project category, as of 8/30/16

Figure 1: TFCA Projects Awarded in FYE2016

Distributed by Project Category

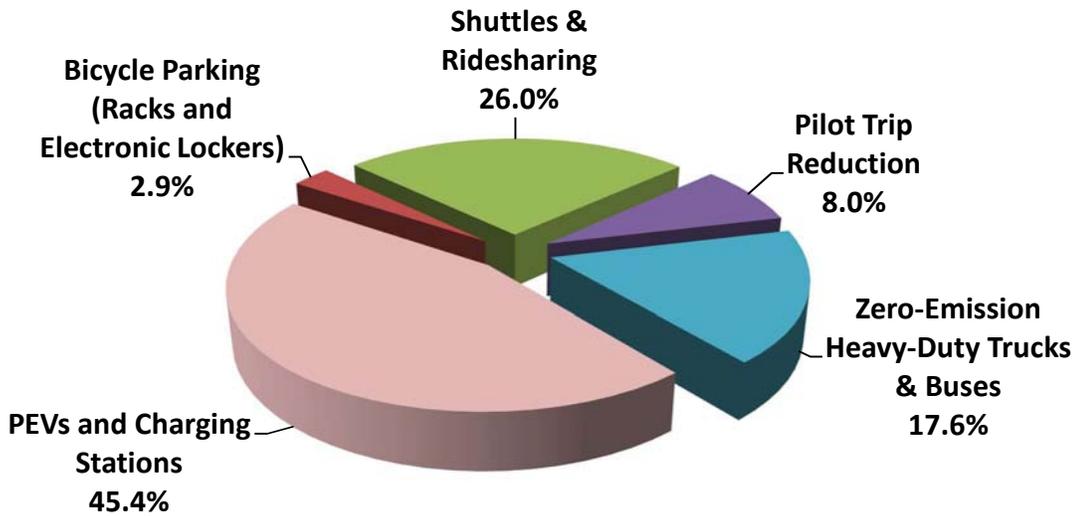
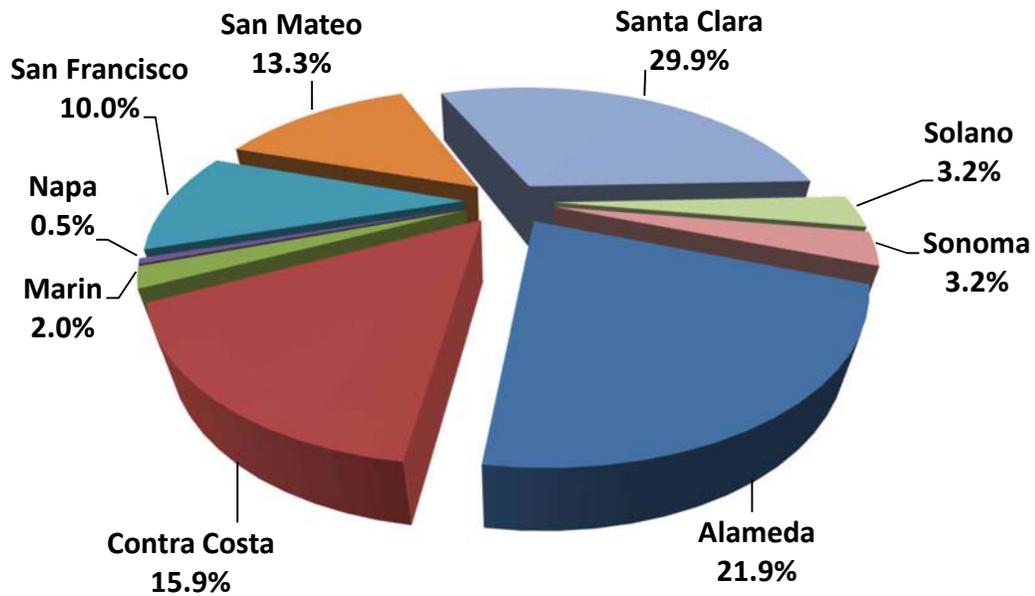


Figure 2: TFCA Projects Awarded in FYE2016

Distributed by County



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Scott Haggerty and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 7, 2016

Re: Update on the Shuttle and Rideshare Program

RECOMMENDATIONS

Recommend Board of Directors:

- 1) Approve \$406,000 in Transportation Fund for Clean Air – for fiscal year ending (FYE) 2017 Regional Funds to be transferred to the Spare the Air Program FYE 2017 budget for the purposes of:
 - a. Securing an advertising contract with the Livermore Amador Valley Transit Authority (LAVTA) at a cost of \$322,000 for FYE 2017, and
 - b. Paying approximately \$84,000 to cover the cost of wrapping seven LAVTA transit operated shuttle buses with Spare the Air messaging.
- 2) Authorize the Executive Officer/APCO to execute all contracts and agreements with LAVTA related to the wrapping and advertising rights; and
- 3) Authorize the Executive Officer/APCO to extend the advertising service contract with LAVTA at a cost not to exceed \$322,000 annually for up to two additional years, at the Air District's discretion, based on contractor's performance.

BACKGROUND

In 1991, the California State Legislature authorized the Bay Area Air Quality Management District (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. Since 1992, the Air District has allocated these funds to its Transportation Fund for Clean Air (TFCA) Program to fund eligible projects. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code (HSC) Sections 44241 and 44242.

Sixty percent of TFCA funds are awarded by the Air District to eligible programs implemented directly by the Air District (e.g., the Smoking Vehicle, Enhanced Mobile Source Enforcement, Spare the Air, and Bicycle Facility Programs) and through a grant program known as the Regional Fund. The remaining forty percent of TFCA funds are forwarded to a designated agency within each Bay Area county to be distributed via the County Program Manager Fund.

Staff will provide an overview of the current TFCA Regional Fund Shuttle and Ridesharing Incentive Program, discuss alternative options for providing funding to shuttle operators, and present a recommendation for funding for a pilot project with LAVTA.

DISCUSSION

The TFCA Shuttle and Rideshare Program (Program) was developed in the early 1990's to target emissions reductions from light-duty passenger commute vehicles. The Program achieves this by offering grant funding to first- and last-mile shuttle services that connect commuters between mass-transit and employment centers with the goal of helping commuters shift away from single-occupant vehicles (SOV) and towards transit. Although the Program has been extremely popular, over time, shuttle and ridesharing projects have become increasingly challenging to fund mainly due to increasingly stricter motor vehicle engine standards imposed by the California Air Resources Board (CARB), meaning newer passenger vehicles are emitting fewer pollutants, and the air quality benefits from removing these increasingly cleaner passenger vehicles from the road are lessened. Additionally, the Program relies heavily on Project-Sponsor-collected survey data, which is inconsistent among projects, and is difficult to verify. As a result, some projects struggle to comply with the requirement to quantify the air quality benefits.

Decreasing Project Cost Effectiveness

The Air District historically has allocated approximately \$4 million in TFCA funding annually to eligible projects; however, both the pool of eligible projects and the amount of funding that can be awarded to any given project have been diminishing over time.

During the past five years, the Program has awarded approximately \$3.5 million in Transportation Fund for Clean Air grants funding to between 7 to 10 projects each year, most of which are projects that have been applying for funds annually for 10 or more years. In order to maintain funding for shuttle operations, the cost-effectiveness limit for this project category has been raised significantly in order to allow projects to qualify for funding at historical levels. In Fiscal Year Ending (FYE) 2013, shuttle projects were required to meet a cost-effectiveness of \$90,000 per ton of emissions reduced¹ and in the current FYE 2017 cycle this limit has been increased to \$200,000 for existing projects, \$250,000 for existing projects in CARE areas and in Priority Development Areas (PDA), and \$500,000 for Pilot Trip Reduction projects in CARE areas or PDAs. And, staff anticipates that with annual adjustments to the cost/effectiveness limits some, but not all, of the existing projects can remain eligible for funding under this Program for the foreseeable future.

¹ Cost-effectiveness (\$/weighted ton) is based on the ratio of TFCA funds awarded divided by the sum of surplus emissions reduced of reactive organic gases (ROG), nitrogen oxides (NOx), and weighted PM10 (particulate matter 10 microns in diameter and smaller) over a project's useful life.

Outreach

For over four years, staff has been exploring options for improving the Program in order to ensure that it continues to support the Board of Directors' direction to provide funding to support last mile commute solutions. As part of this effort, from October 8, 2013 through February 2016, staff held more than 10 public workshop meetings and 30 direct meetings with stakeholders including Project Sponsors, Congestion Management Agencies and County Program Managers, transit agencies, regional agency partners, and other interested parties. Based on the input received from these meetings, staff has implemented several measures to improve the Program by recommending modifications to the program's policies, application requirements, and project evaluation methodology. While these updates have helped to allow many shuttle projects to meet the cost-effectiveness limit and remain eligible for funding, relying on funds for shuttle operators solely through the current Program will continue to be a challenge in the long term.

Options for Future Funding

For this reason, staff has begun to examine other options for funding projects that no longer qualify for TFCA Shuttle program funds via a number of pilot projects:

Pilot 1 – Oakland Broadway Shuttle: One option explored was to provide unspent funds from the Trip Reduction category through the Spare the Air Program for the Oakland Broadway Shuttle. In July 2016, the Air District Board of Directors authorized \$235,000 in Spare the Air funding to the City of Oakland to help offset the cost of AC Transit's operation of the Broadway B Shuttle Service. This funding was provided as a bridge for a limited period of time to allow the shuttle operator to seek a new source of revenue to pay for the existing service. This project also provided the Air District with valuable advertising for its Spare the Air program in return for the bridge funding.

The Spare the Air program was established by the Air District in 1991 to reduce air pollution and provide advance notice when air quality is forecast to be unhealthy. Because most air pollution is preventable, Spare the Air is focused on educating the public and promoting changes in behavior, such as encouraging transit use, and trip-linking. Shuttle operators who are interested in being Spare the Air partners, could be paid for advertising Spare the Air messaging on their vehicles. Under the Spare the Air Program, cost-effectiveness is measured for the program as a whole, allowing more flexibility for projects to qualify for funding.

Pilot 2 – LAVTA: A similar pilot project is being recommended for LAVTA as part of this agenda item. Staff is currently recommending that \$406,000 in Transportation Fund for Clean Air – FYE 2017 Regional Funds to be transferred to the Spare the Air Program budget. That funding would be used to secure an advertising contract with the Livermore Amador Valley Transit Authority (LAVTA) at a cost of \$322,000 per year for up to three years, and to budget approximately \$84,000 for the cost of wrapping seven LAVTA transit operated shuttle buses with the Spare the Air messaging. LAVTA has identified seven 40' buses for full, Spare the Air bus wraps. Three of the buses travel daily along the I-580 and I-680 corridors and four travel on local streets throughout the Tri-Valley. The advertising revenues received would be used to fund a LAVTA-sponsored pilot Shared Autonomous Vehicle (SAV) project in Dublin, which aims to deploy two SAVs in

Dublin by 2018-2019:

- **Year 1 revenue** would be used to help support their participation in the GoMentum partnership that is being led by Contra Costa Transportation Authority and would allow LAVTA to share in the existing SAV testing that is currently underway.
- **Year 2 revenue** would be dedicated towards continuing the work started in year one and that they would also begin the process of procuring their first SAV.
- **Year 3 revenue** would be dedicated to finalizing the purchase of both SAVs and putting them into revenue service. The SAVs would also be available for full bus wrap advertising by the Air District in year three.

Next Steps

Staff will present some preliminary recommendations from the pilot projects to the Committee and seek input on the overall direction for the Program in future cycles. Based on the Committee's direction and guidance regarding the options for the Program, staff will continue to solicit public input and further evaluate the specific changes that would be necessary in order to address the issues and challenges described above. Staff anticipates returning to the Committee in May 2017 with recommendations for the FYE 2018 cycle that reflect the Committee and stakeholder's input.

BUDGET CONSIDERATION / FINANCIAL IMPACT

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

Respectfully submitted,

Jack P. Broadbent
Executive Director/APCO

Prepared by: Karen Schkolnick
Reviewed by: Damian Breen

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Scott Haggerty and Members
of the Mobile Source Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: September 12, 2016

Re: Accept, Obligate, and Expend Funding from the Bay Area Clean Air Foundation
(Foundation)

RECOMMENDATIONS

Recommend Board of Directors:

1. Adopt a Resolution authorizing the Bay Area Air Quality Management District (Air District) to accept, obligate, and expend up to \$1,266,600, plus any interest accrued, from the Bay Area Clean Air Foundation (Foundation) for roadside air pollution monitoring projects; and
2. Authorize the Executive Officer/APCO to enter into all agreements necessary to accept and expend this funding.

BACKGROUND

The Foundation is a nonprofit support organization for the Air District. As part of its operation, the Foundation applies for grant funding from various sources and also accepts funding to reduce and offset air emissions within the boundaries of the Air District. In order to administer the grant programs associated with this funding, the Foundation has a contract with the Air District which allows for staff to be used to complete work to expend these monies.

The Reformulated Gasoline Settlement Fund (RFG) is the result of the settlement of 14 class action lawsuits against Union Oil Company of California and Unocal Corporation (Unocal) to resolve a dispute regarding a claim that Unocal affected the price for California Air Resources Board (ARB) compliant summertime reformulated gasoline in California by urging ARB to adopt its proprietary formula for summertime reformulated gasoline. Before trial, the Plaintiff and Unocal agreed to settle the class actions and agreed to distribute approximately \$7 million through an open competitive grants program directed to nonprofit organizations for projects to achieve vehicle emissions or fuel efficiency benefits for California consumers. The majority of the RFG grants program funding was awarded in 2010, including a grant to the Foundation for a project to deploy converted plug-in electric vehicles in partnership with City CarShare, and more recently, for a project to quickly deploy electric vehicle charging stations in partnership with public agencies, which is currently in progress.

DISCUSSION

On August 9, 2016, the Foundation submitted an application to the RFG administrators for \$1,301,127, which represents the final tranche of available RFG Open Competitive Grants Program funding. The Air District has recently been notified that the maximum funding award being considered is approximately \$1,266,600. The application was submitted in partnership with the Air District and Sacramento Metropolitan Air Quality Management District (SMAQMD), who propose to use RFG funding to construct and operate a new roadside air pollution monitoring station in each district. Roadside measurements can be used to collect data on roadway emissions in order to better quantify the emissions that result from heavily trafficked roadways, and to model expected emissions and ambient concentrations for other similar near road environments.

The Air District has completed a preliminary assessment and determined that a potential location for a new mobile roadside monitoring station site is along the I-580 corridor just east of the I-680 junction, near Dublin. This location is ideal for near-road monitoring since it is a heavily trafficked area with a traffic mix that includes heavy-duty diesel trucks. Information from this monitoring project will help each district to improve their estimates of mobile source emissions, the modeling of air quality impacts near roadways, and the effectiveness of strategies developed to mitigate impacts, such as informing land-use decisions on school locations and other air pollution sensitive facility placements. The information characterizing a variety of near road environments may also help link the observed health effects to specific pollutants or other factors, which may also help the development of improved mitigation strategies.

The Foundation would contract with each of the air districts for the associated work and for reporting progress to the RFG administrators. As part of this report, the Committee will consider a recommendation to adopt a resolution that would authorize the Air District to accept and obligate up to \$1,266,600, plus any interest accrued, into the Air District's FYE 2017 budget, and authorize the Air District's Executive Officer to enter into all necessary agreements to accept and expend these funds.

BUDGET CONSIDERATION / FINANCIAL IMPACT

Acceptance of the Foundation monies requires an amendment to the FYE 2017 budget. Air District and Foundation staff time for the implementation of these projects is covered in the administrative fees associated with the funding.

Respectfully submitted,

Jack P. Broadbent
Executive Director/APCO

Prepared by: Karen Schkolnick
Reviewed by: Damian Breen

Attachment: Board Resolution to Accept, Obligate, and Expend Foundation funds.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RESOLUTION NO. 2016-_____

**A Resolution of the
Board of Directors of the Bay Area Air Quality Management District
authorizing the Bay Area Air Quality Management District to accept and obligate
up to \$1,266,600, plus any interest accrued, in funding from the Bay Area Clean Air
Foundation for roadside air pollution monitoring projects 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 purpose of this Resolution is to authorize the Bay Area Air Quality Management District (“Air District”) to accept and obligate up to \$1,266,600, plus any interest accrued, in funding from the Bay Area Clean Air Foundation (“Foundation”) for roadside air pollution monitoring projects 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 Reformulated Gasoline Settlement Fund (RFG) is the result of the settlement of 14 class action lawsuits against Union Oil Company of California and Unocal Corporation (Unocal) to resolve a dispute regarding a claim that Unocal affected the price for California Air Resources Board (ARB) compliant summertime reformulated gasoline in California, and an open competitive grants program was created to distribute approximately \$7 million, which was agreed between the Plaintiff and Unocal to settle the class actions before trial, to nonprofit organizations for projects to achieve vehicle emissions or fuel efficiency benefits for California consumers;

WHEREAS, the majority of the RFG grants program funding was awarded in 2010, including a grant to the Foundation for a project to deploy converted plug-in electric vehicles in partnership with City CarShare, and more recently, for a project to quickly deploy electric vehicle charging stations in partnership with public agencies, which is currently in progress;

WHEREAS, on August 9, 2016, in partnership with the Air District and Sacramento Metropolitan Air Quality Management District (SMAQMD), the Foundation submitted an application to the RFG administrators for approximately \$1,266,600 in funding, which represents the final tranche of funding available through the RFG’s Open Competitive Grants Program, to construct and operate one new roadside air pollution monitoring station in each of the districts to supplement and expand their existing monitoring network;

WHEREAS, roadside measurements can be used to collect data on the roadway emissions in order to better quantify the emissions that result from heavily trafficked roadways, and to model expected emissions and ambient concentrations for other similar near road environments.

AGENDA 6 - ATTACHMENT

WHEREAS, the Air District performs contract work for the Bay Area Clean Air Foundation;

WHEREAS, if the Bay Area Clean Air Foundation is awarded RFG funds, it will seek to transfer up to \$1,266,600 to the Air District, plus any interest accrued, to pay for costs related to the project and to reimburse the District for Foundation administrative staff time;

NOW, THEREFORE, BE IT RESOLVED that the Air District’s Board of Directors authorizes the Executive Officer/Air Pollution Control Officer to accept and obligate these funds into the Air District’s FYE 2017 budget, expend these funds, and execute all agreements, required documents for Bay Area Clean Air Foundation Funding, and any amendments thereto.

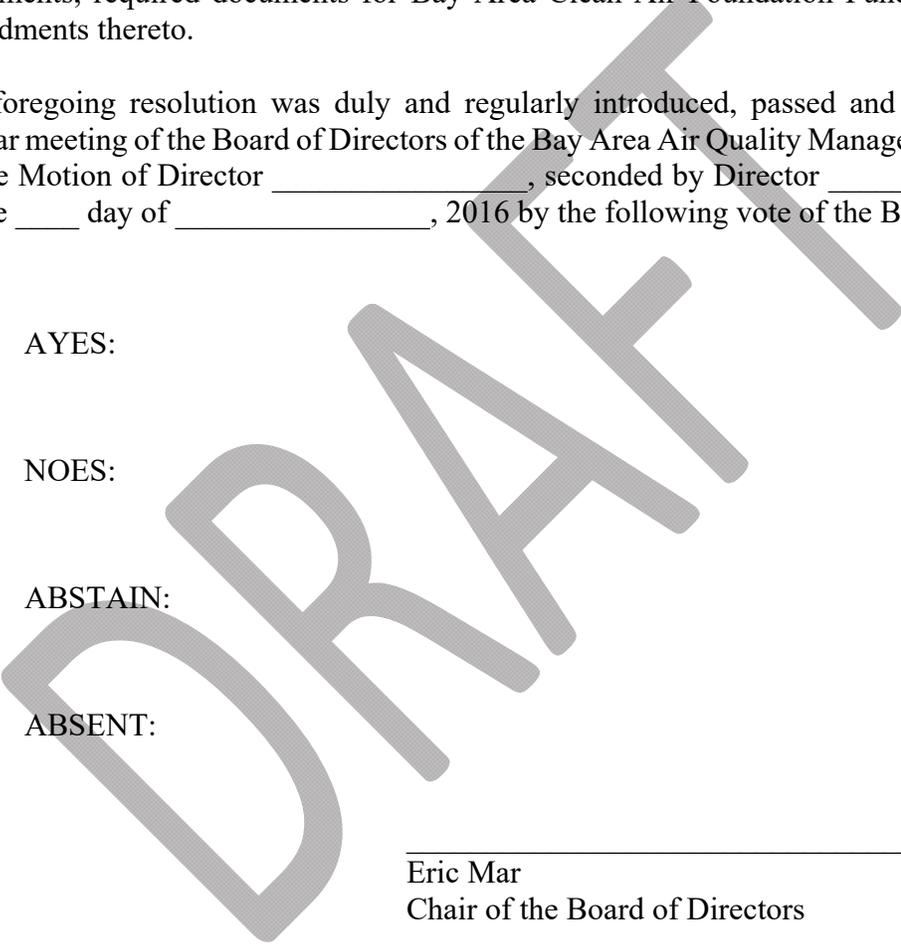
The foregoing resolution was duly and regularly introduced, passed and adopted at a regular meeting of the Board of Directors of the Bay Area Air Quality Management District on the Motion of Director _____, seconded by Director _____, on the ____ day of _____, 2016 by the following vote of the Board:

AYES:

NOES:

ABSTAIN:

ABSENT:



Eric Mar
Chair of the Board of Directors

ATTEST:

David E. Hudson
Secretary of the Board of Directors