



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

BOARD OF DIRECTORS  
MOBILE SOURCE COMMITTEE

COMMITTEE MEMBERS

SCOTT HAGGERTY - CHAIR  
JOHN AVALOS  
CAROLE GROOM  
CAROL KLATT  
LIZ KNISS

MARY PIEPHO – VICE CHAIR  
TOM BATES  
DAVID HUDSON  
EDWIN LEE (ROGER KIM)

**THURSDAY**  
**April 24, 2014**  
**9:30 A.M.**

**7<sup>TH</sup> FLOOR BOARD ROOM**  
**939 ELLIS STREET**  
**SAN FRANCISCO, CA 94109**

**AGENDA**

1. **CALL TO ORDER - ROLL CALL**

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

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, 939 Ellis Street, San Francisco, CA, 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.*

3. **APPROVAL OF MINUTES OF MARCH 27, 2014**

**Clerk of the Boards/5073**

*The Committee will consider approving the attached draft minutes of the Mobile Source Committee meeting of February 27, 2014.*

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

**D. Breen/5041**

**[dbreen@baaqmd.gov](mailto:dbreen@baaqmd.gov)**

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

5. **FISCAL YEAR ENDING (FYE) 2015 TRANSPORTATION FUND FOR CLEAN AIR (TFCA) COUNTY PROGRAM MANAGER (CPM) EXPENDITURE PLANS AND REQUEST FOR WAIVERS FROM SANTA CLARA VALLEY TRANSPORTATION AUTHORITY (VTA) AND SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY (SFCTA)**

**D. Breen/5041**  
[dbreen@baaqmd.gov](mailto:dbreen@baaqmd.gov)

*The Committee will consider recommending Board of Directors' approval of the FYE 2015 Transportation Fund for Clean Air (TFCA) Program Manager Expenditure Plans and a request from the Santa Clara Valley Transportation Agency and San Francisco County Transportation Authority to authorize waivers to allow them to approve non-conforming FYE 2015 projects.*

6. **UPDATE ON TRANSPORTATION FUND FOR CLEAN AIR (TFCA) REGIONAL SHUTTLE AND RIDESHARING INCENTIVE PROGRAM**

**D. Breen/5041**  
[dbreen@baaqmd.gov](mailto:dbreen@baaqmd.gov)

*Staff will provide the Committee with an informational update about the TFCA Regional Fund Shuttle and Ridesharing Incentive Program and a summary of the process staff has taken to explore options for future cycles of TFCA funding.*

7. **FISCAL YEAR ENDING (FYE) 2015 TRANSPORTATION FUND FOR CLEAN AIR (TFCA) FUNDING ALLOCATIONS**

**D. Breen/5041**  
[dbreen@baaqmd.gov](mailto:dbreen@baaqmd.gov)

*The Committee will consider recommending Board of Directors approval for the allocation of \$19.3 million in FYE 2015 Transportation Fund for Clean Air (TFCA) funding and acceptance of a \$500,000 award in Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) funding from the California Energy Commission (CEC).*

8. **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)*

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

*Thursday, May 22, 2014, Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.*

10. **ADJOURNMENT**

*The Committee meeting shall be adjourned by the Committee Chair.*

**CONTACT CLERK OF THE BOARDS  
939 ELLIS STREET, SAN FRANCISCO, CA 94109**

**(415) 749-5073  
FAX: (415) 928-8560  
BAAQMD homepage:  
[www.baaqmd.gov](http://www.baaqmd.gov)**

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities notification to the Executive Office should be given at least three working days prior to the date of the meeting so that arrangements can be made accordingly.

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 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body..

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109**  
**FOR QUESTIONS PLEASE CALL (415) 749-5016 or (415) 749-4941**

**EXECUTIVE OFFICE:**  
**MONTHLY CALENDAR OF AIR DISTRICT MEETINGS**

**APRIL 2014**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month) - CANCELLED</i>	Monday	21	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets Quarterly At the Call of the Chair)</i>	Monday	21	9:30 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
				<b><u>VIDEOCONFERENCE LOCATION:</u></b>  Santa Rosa Junior College Doyle Room 4243 1501 Mendocino Avenue Santa Rosa, CA 95401
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	24	9:30 a.m.	Board Room

**MAY 2014**

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month) - CANCELLED</i>	Wednesday	7	9:45 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month) -</i>	Wednesday	7	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	14	9:00 a.m.	Board Room
<b>Board of Directors Climate Protection Committee</b> <i>(Meets 3<sup>rd</sup> Thursday of every other month)- CANCELLED</i>	Thursday	15	9:30 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month) - RESCHEDULED TO WEDNESDAY, MAY 7, 2014</i>	Monday	19	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets Quarterly at the Call of the Chair)- CANCELLED</i>	Monday	19	10:30 a.m.	Board Room

## MAY 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Special Board of Directors Meeting -Budget Hearing</b> <i>(At the Call of the Chair)</i>	Wednesday	21	9:45 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	21	9:45 a.m.	Board Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	22	9:30 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	28	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room

## JUNE 2014

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	4	9:45 a.m.	Board Room
<b>Advisory Council Regular Meeting</b> <i>(Meets on the 2<sup>nd</sup> Wednesday of each Month)</i>	Wednesday	11	9:00 a.m.	Board Room
<b>Board of Directors Executive Committee</b> <i>(Meets on the 3<sup>rd</sup> Monday of each Month)</i>	Monday	16	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Stationary Source Committee</b> <i>(Meets Quarterly at the Call of the Chair)</i>	Monday	16	10:30 a.m.	Board Room
<b>Board of Directors Regular Meeting</b> <i>(Meets on the 1<sup>st</sup> &amp; 3<sup>rd</sup> Wednesday of each Month)</i>	Wednesday	18	9:45 a.m.	Board Room
<b>Board of Directors Budget &amp; Finance Committee</b> <i>(Meets on the 4<sup>th</sup> Wednesday of each Month)</i>	Wednesday	25	9:30 a.m.	4 <sup>th</sup> Floor Conf. Room
<b>Board of Directors Mobile Source Committee</b> <i>(Meets on the 4<sup>th</sup> Thursday of each Month)</i>	Thursday	26	9:30 a.m.	Board Room

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

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

From: Jack P. Broadbent  
Executive Officer/Air Pollution Control Officer

Date: March 11, 2014

Re: Approval of the Minutes of February 27, 2014

RECOMMENDED ACTION

Approve attached draft minutes of the Mobile Source Committee meeting of February 27, 2014.

DISCUSSION

Attached for your review and approval are the draft minutes of the Mobile Source Committee meeting on February 27, 2014.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Sean Gallagher  
Reviewed by: Rex Sanders

Attachment

Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109  
(415) 749-5073

**DRAFT MINUTES**

Summary of Board of Directors  
Mobile Source Committee Meeting  
Thursday, February 27, 2014

**1. Call to Order – Roll Call**

Director Tom Bates called the meeting to order at 9:40 a.m.

Present: Committee Chairperson Scott Haggerty; and Directors John Avalos, Tom Bates, David Hudson, Roger Kim (on behalf of Edwin Lee), and Liz Kniss.

Absent: Vice-Chairperson Mary Piepho; and Directors Carole Groom and Carol Klatt.

Also Present: Board of Directors (Board) Chairperson Nate Miley.

**2. Public Comment Period:** There were no requests for public comment.

**3. Approval of Minutes of January 23, 2014**

Mobile Source Committee (Committee) Comments: None.

Public Comments: None.

Committee Action:

Director Hudson made a motion to approve the Minutes of January 23, 2014; Director Avalos seconded; and the motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Hudson, Kim and Kniss.

NOES: None.

ABSTAIN: None.

ABSENT: Groom, Haggerty, Klatt, Miley and Piepho.

**4. Air District Grant Programs Overview (Out of Order Agenda Item #5)**

Damian Breen, Deputy Air Pollution Control Officer (DAPCO), introduced Anthony Fournier, Acting Director of Strategic Incentives, who gave the staff presentation *Air District Grant Programs Overview*, including background; summaries of 2013 allocations from the California

Goods Movement Bond (I-Bond), Transportation Fund for Clean Air (TFCA) Regional Fund, Mobile Source Incentive Fund, the Carl Moyer Program, and the total from all these funds; summaries of 2013 expenditures by county and of 2013 highlights; emissions reductions achieved; 2014 projections and proposed TFCA allocations; and upcoming activities.

NOTED PRESENT: Committee Chairperson Haggerty and Board Chairperson Miley were noted present at 9:48 a.m.

Mr. Breen added, regarding slide #13, *2014 Proposed TFCA Allocations: \$19M*, an update on the status of work on Plan Bay Area and Air District collaboration with the Metropolitan Transportation Commission (MTC) on the electric vehicle readiness program and bike share pilot.

Mr. Fournier concluded the presentation.

Committee Comments:

The Committee and staff discussed the bike share pilot, including management of the long-term program; collaboration between the Air District and MTC and they with local governments; funding opportunities for local governments; a methodology for program expansion throughout the Bay Area which balances regional growth and the provision of adequate opportunities for interested locales; growth timeline; recommended approach for smaller cities in the Bay Area; and a possible timeline for the availability of seed funding.

Director Kniss asked staff to deliver an informational update to cities covering the items discussed.

The Committee and staff discussed MTC's role in administering the electric vehicle readiness program and bike share pilot; level of business interest in sponsorship or support of the bike share program; integration of the Clipper Card with the bike share program; and the status of the Smoking Vehicle program pending the comprehensive update in May 2014.

Committee Chairperson Haggerty asked staff to match the colors in the presentation pie charts for future meetings and to show funding changes year-over-year, such as increased or decreased funding and altogether defunded items.

The Committee and staff discussed the difference in funding between 2013 and 2014; in what instances local governments will need to seek additional funding for the bike share program; the need for a consistent funding formula; the status of I-Bond funding in 2014; and the state of the Vehicle Buy-Back program and its allocations.

Committee Chairperson Haggerty asked staff to report back on a proposed bike share program funding formula at the next Committee meeting and to provide a breakdown of the seven categories captured in slide #13, *2014 Proposed TFCA Allocations: \$19M*, including why the funding level was requested, program success to date, whether the project is new, what does the Air District hope to achieve through the project, and so on with an eye to increasing opportunities for understanding and involvement by the Board.



Director Bates asked staff to provide information regarding the year-over-year differences in funding for each project, the sources of those funds, discretionary spending options, and longer-term budget projections.

Public Comments: None.

Committee Action: None; receive and file.

**5. Fiscal Year Ending (FYE) 2014 TFCA Regional Fund Shuttle and Rideshare Projects (Agenda Item #4)**

Mr. Fournier introduced Avra Goldman, Environmental Planner of Strategic Incentives, who gave the staff presentation *FYE 2014 TFCA Regional Fund Shuttle and Rideshare Projects*, including background, policies and evaluation criteria, project evaluation results, projects recommended for award, projects recommended for reduced award, projects not recommended for award, summaries of awards by type and county, and recommendations.

Committee Comments:

The Committee and staff discussed the impact of the Community Air Risk Evaluation program on the prioritization of project awards; total funds available; the possible expansion of rideshare programs to supplement public transit capacity; MTC's funding commitment; the identity of rideshare partners; whether state legislation would aid growth of rideshare programs; local government efforts relative to rideshare programs; integration of rideshare programs with the Bay Area Commuter Benefits Program; the Air District's identity as a public health agency justifying a renewed focus on areas of non-attainment for clean air standards; the reasoning behind the staff recommendation to fully fund the Broadway Shuttle in Oakland; the development of new criteria to steer the operation of the program without political considerations or exemptions; the possible shift of administrative work to local congestion management agencies (CMA); how the Altamont Corridor Express and Bay Fair BART Shuttle projects were evaluated by Air District staff; the need for prioritization of interregional transit system connections; and the impact of private shuttle ridership on numbers used in project evaluations.

Committee Chairperson Haggerty asked staff to agendize a discussion of rideshare for the next meeting of the Committee.

Public Comments:

Lori Reese Brown, City of Richmond, addressed the Committee neutrally regarding the proposed reduced funding award for the Commuter Shuttle in Richmond and to object to staff's characterization of the project as providing duplicative service.

The Committee and Ms. Brown discussed who owns the Commuter Shuttle and if the local CMA is providing any funding.

Committee Comments (continued):

The Committee and staff discussed whether the Policies and Evaluation Criteria need to be revisited again; whether the Air District should shift the program’s goal to that of launching private employer/business district shuttles; the effectiveness of reducing emissions through the current approach; the effect of priority development areas on the cost-effectiveness evaluations; the need for full transit connectivity to attract riders; and the need to make the program work properly.

Committee Chairperson Haggerty asked staff to agendize an in-depth review of the Policies and Evaluation Criteria with an eye to changing the process in a significant way, such as rerouting funds to local CMAs for distribution.

Jack Broadbent, Executive Officer/Air Pollution Control Officer (APCO), said staff will call a retreat to discuss this item in full with advance notice to all interested parties.

Committee Action:

Director Hudson made a motion, seconded by Director Kniss, to recommend the Board:

1. Approve awards for the TFCA Shuttle, Ridesharing and Vanpool projects listed in Attachment A to the staff report except for project # 14R12, Altamont Corridor Express Routes 53 and 54, which staff is directed to perform additional review and to return at the next Committee meeting with the results of that review for consideration; and
2. Authorize the Executive Officer/APCO to enter into agreements for the recommended TFCA projects in Attachment A to the staff report in the amount of \$3,732,038.

The Committee and staff discussed the proposed Committee action by the motion now pending.

Director Hudson made an amended motion, seconded by Director Kniss, to recommend the Board:

1. Approve awards for the TFCA Shuttle, Ridesharing and Vanpool projects listed in Attachment A to the staff report; and
2. Authorize the Executive Officer/APCO to enter into agreements for the recommended TFCA projects in Attachment A to the staff report in the amount of \$3,732,038.

Public Comments (continued):

Ms. Brown addressed the Committee to request an opportunity to submit supplemental information in support of the Commuter Shuttle in Richmond.

The amended motion carried by the following vote of the Committee:

AYES: Avalos, Bates, Haggerty, Hudson, Kim, Kniss and Miley.

NOES: None.

ABSTAIN: None.

ABSENT: Groom, Klatt and Piepho.

The Committee requested that staff provide additional review for project # 14R12, Altamont Corridor Express Routes 53 and 54, and to return at the next committee meeting with the results of that review for consideration.

## **6. On-Road Truck Replacement Funding**

Mr. Breen and Tina McRee, Environmental Planner of Strategic Incentives, jointly gave a brief summary of the staff presentation *On-road Truck Replacement Funding*, including an overview of on-road truck regulation, summaries of the Goods Movement Program Year 4 funding cycle and projects, next steps and recommendations.

### Committee Comments:

The Committee and staff discussed the types of trucks and funding available; the trucks that will be eligible in the future; the number of eligible trucks currently in operation and of those being funded for replacement; and how the trucks are selected for replacement funding.

Public Comments: None.

### Committee Action:

Director Hudson made a motion, seconded by Director Kniss, to recommend the Board:

1. Approve changes to the FYE 2014 TFCA Regional Fund Policies to include on-road truck replacement projects as an eligible project type;
2. Allocate \$5 million in TFCA Regional Funds for eligible projects submitted as part of the Year 4 Goods Movement Program; and
3. Authorize the Executive Officer/APCO to enter into contracts for eligible projects.

The motion carried by the following vote of the Committee:

AYES: Bates, Haggerty, Hudson, Kim, Kniss and Miley.

NOES: None.

ABSTAIN: None.

ABSENT: Avalos, Groom, Klatt and Piepho.

## **7. Committee Member Comments:**

The Committee and staff discussed the source, effective date and applicability of the new legislative requirement for roll call votes on all action items.

**8. Time and Place of Next Meeting:**

Thursday, April 24, 2014, Bay Area Air Quality Management District Headquarters, 939 Ellis Street, San Francisco, California 94109 at 9:30 a.m.

**9. Adjournment:** The meeting adjourned at 11:10 a.m.

Sean Gallagher  
Clerk of the Boards

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

## Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 10, 2014

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

RECOMMENDATIONS

Recommend Board of Directors:

1. Approve Carl Moyer Program projects with proposed grant awards over \$100,000.
2. Authorize the Executive Officer/APCO to enter into agreements for the recommended projects and direct-mail contract.
3. Approve the allocation of \$150,000 for direct-mail outreach for the Vehicle Buy Back Program.

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, stationary agricultural pump engines and forklifts.

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 for grants under the CMP.

Since 1992, the Transportation Fund for Clean Air (TFCA) program has funded projects that achieve surplus emission reductions from on-road motor vehicles. Funding for this program is provided by a \$4 surcharge on motor vehicles registered within the San Francisco Bay Area as authorized by the California State Legislature. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code Sections 44241 and 44242. Sixty percent (60%) of TFCA funds are awarded directly by the Air District through

a grant program known as the Regional Fund that is allocated on a competitive basis to eligible projects proposed by project sponsors.

On February 4, 2013, the Board of Directors authorized Air District participation in Year 15 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. On November 18, 2009, the Air District Board of Directors authorized the Executive Officer/APCO to execute Grant Agreements and amendments for projects funded with TFCA funds, with individual grant award amounts up to \$100,000.

CMP and TFCA Regional Fund projects with grant award amounts over \$100,000 are brought to the 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 Air District's Board of Directors.

## DISCUSSION

### **Carl Moyer Program:**

The Air District started accepting applications for CMP Year 15 projects on July 23, 2013. The Air District has approximately \$15 million available for CMP projects from a combination of MSIF and CMP funds. Project applications are being accepted and evaluated on a first-come, first-served basis.

As of April 7, 2014, the Air District had received 114 project applications. Of the applications that have been evaluated between January 7, 2014 and April 7, 2014, thirteen (13) eligible projects have proposed individual grant awards over \$100,000. These projects will replace six (6) marine engines, thirty-two (32) off-road diesel-powered tractors, two (2) off-road diesel-powered loaders, and one (1) off-road diesel-powered excavator. These projects will reduce over 14.3 tons of NO<sub>x</sub>, ROG and PM per year. Staff recommends allocating \$2,128,015 to these projects from a combination of CMP funds and MSIF revenues. Attachment 1 to this staff report provides additional information on these projects.

Attachment 2 lists all of the eligible projects that have been received by the Air District as of April 7, 2014, and summarizes the allocation of funding by equipment category (Figure 1), and county (Figure 2). This list also includes the Voucher Incentive Program (VIP) on-road replacement projects awarded since the last committee update. Approximately 27% 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 VIP funding since the Year 11 funding cycle (more than \$64 million awarded to 569 projects).

### **Vehicle Buyback Program:**

On June 5, 2013, the Board of Directors allocated up to \$7 million in MSIF and CMP funding to restart the Air District's Vehicle Buy Back Program. The program provides \$1,000 to vehicle owners to retire 1994 and older, light-duty vehicles. Through February 2014, the program has retired over 2,500 vehicles since restarting in the fall of 2013. Along with the project allocation the Board of Directors approved \$133,417 in funding to AdMail for direct-mail services, which is the primary outreach tool for the program and up to three one-year extensions to the agreement with AdMail. AdMail is responsible for sending program notices out to over 400,000 vehicle owners per year. AdMail was selected as the vendor for this program through a 2013 Request for Proposal process which evaluated seven proposals. Staff is recommending Board consideration of a request to allocate an additional \$150,000 from the TFCA Regional Fund. These funds will support program mailings through part of FYE 2015.

### **TFCA:**

On June 5, 2013, the Board of Directors allocated \$22.75 million in FYE 2014 TFCA funds to Air District sponsored projects and programs and Regional Fund programs. Since then, the Air District has opened solicitations for the following programs: Shuttle and Ridesharing, Bicycle Rack Vouchers, Bicycle E-Lockers, DC Fast Chargers, Plug-in Electric Vehicle Rebates for Public Agencies, and On-road Trucks. In addition, staff is currently working to develop a solicitation for the Plug-in Electric Vehicle Public Charging Program, which is anticipated to open later this year.

Attachment 4 lists all of the eligible projects that have been awarded FYE 2014 TFCA funding by the Air District as of March 31, 2014, and Attachment 5 summarizes the allocation of FYE 2014 TFCA funds by program (Figure 1), and by county (Figure 2). To date, more than \$5.2 million in TFCA funds have been awarded to 31 projects. No TFCA applications requesting individual grant awards over \$100,000 received as of April 7, 2014 are being forwarded for approval at this time.

### **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 both programs are provided by each funding source.

Respectfully submitted,

Jack P. Broadbent  
Executive Director/APCO

Prepared by: Anthony Fournier

Reviewed by: Karen Schkolnick and Damian Breen

Attachment 1: BAAQMD Carl Moyer Program/Mobile Source Incentive Fund projects with grant awards greater than \$100,000 (evaluated between 1/7/14 and 4/7/14)

Attachment 2: Summary of all CMP Year 15/MSIF and VIP approved and eligible projects (as of 4/7/14)

Attachment 3: Summary of program distribution by county and equipment category for CMP Years 11-15

Attachment 4: Summary of all TFCA approved and eligible projects (as of 3/31/14)

Attachment 5: Summary of FYE 2014 TFCA funding by county and program



## AGENDA 4 - ATTACHMENT 1

BAAQMD Carl Moyer Program/ Mobile Source Incentive Fund projects  
with grant awards greater than \$100k (Evaluated between 1/7/14 and 4/7/14)

Project #	Applicant name	Equipment category	Project type	Proposed contract award	Emission Reductions (Tons per year)			County
					NOx	ROG	PM	
15MOY38	Yokomizo Sportfishing	Marine	Replacement of two diesel-powered engines.	\$ 169,580.00	2.147	-0.060	0.106	Alameda
15MOY71	Gregg Marine	Marine	Replacement of four diesel-powered engines.	\$ 238,110.00	1.596	0.022	0.060	Monterey
15MOY81	F. Korbel & Bros. Inc.	Ag/ off-road	Replacement of three diesel-powered tractors.	\$ 109,734.00	0.267	0.057	0.027	Sonoma
15MOY106	Fiorio Farm, Inc.	Ag/ off-road	Replacement of one diesel-powered tractor.	\$ 112,586.00	0.389	0.050	0.019	San Mateo
15MOY84	Jacobsen Ranches, Inc.	Ag/ off-road	Replacement of three diesel-powered tractors.	\$ 187,661.00	1.303	0.193	0.070	Sonoma
15MOY87	Oak Knoll Farming Corp.	Ag/ off-road	Replacement of eleven diesel-powered tractors.	\$ 311,463.00	1.013	0.229	0.089	Napa
15MOY62	Noah Concrete Corporation	Off-road	Replacement of one diesel-powered excavator.	\$ 162,365.00	1.729	0.179	0.063	Santa Clara
15MOY92	Joseph Camozzi Dairy	Ag/ off-road	Replacement of one diesel-powered loader.	\$ 149,685.00	1.062	0.148	0.053	Sonoma
15MOY93	Ernest Nunes (Farmer)	Ag/ off-road	Replacement of one diesel-powered tractor.	\$ 102,667.00	0.783	0.078	0.030	Sonoma
15MOY98	Lanza Vineyards, Inc.	Ag/ off-road	Replacement of five diesel-powered tractors.	\$ 159,337.00	0.518	0.103	0.030	Solano
15MOY103	Renteria Vineyard Management LLC	Ag/ off-road	Replacement of four diesel-powered tractors.	\$ 119,862.00	0.453	0.107	0.037	Napa
15MOY75	Sinsky Vineyards, Inc., dba Robert Sinsky Vineyards	Ag/ off-road	Replacement of four diesel-powered tractors.	\$ 157,745.00	0.396	0.093	0.028	Napa
15MOY113	Morrison Chopping	Ag/ off-road	Replacement of one diesel-powered loader.	\$ 147,220.00	0.717	0.123	0.044	Napa
				<b>\$ 2,128,015.00</b>	<b>12.373</b>	<b>1.322</b>	<b>0.657</b>	

## AGENDA 4 - ATTACHMENT 2

*Summary of all CMP, MSIF and VIP approved/ eligible projects (As of 4/7/14)*

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
14MOY43	Agriculture	Irrigation pump engine replacement	1	\$ 45,548.00	Huneus Vintners, LLC	0.135	0.023	0.008	APCO	Napa
14MOY45	Marine	Engine replacement	1	\$ 90,311.00	Jim Rando - Misty Dawn (Commercial fisherman)	0.589	0.013	0.021	APCO	Santa Clara
14MOY46	Ag/ off-road	Loader replacement	1	\$ 43,160.00	Gregory Lyons (Lyons Farms)	0.187	0.034	0.015	APCO	Solano
14MOY50	Ag/ off-road	Tractor replacement	1	\$ 180,570.00	Fred Corda Farming & Ranching	0.742	0.048	0.017	10/16/2013	Marin
14MOY44	Off-road	Forklift replacement	3	\$ 106,010.00	Economy Lumber Company of Oakland, Inc.	0.481	0.086	0.036	10/16/2013	Alameda
15MOY4	Off-road	Backhoe replacement	2	\$ 71,020.00	Doyle's Work Company, Inc. (Excavation & Trenching)	0.225	0.055	0.028	APCO	Santa Clara
15MOY20	Off-road	Tractor and Loader replacement	5	\$ 2,290,140.00	Steven's Creek Quarry, Inc.	11.747	1.388	0.526	10/16/2013	Santa Clara
15MOY32	Ag/ off-road	Loader replacement	1	\$ 147,220.00	Gerald & Kristy Spaletta (Dairy)	0.613	0.107	0.038	11/6/2013	Sonoma
15MOY14	Ag/ off-road	Tractor replacement	2	\$ 59,878.00	Wolfskill Family Trust of 1990 (Vineyard Maintenance)	0.198	0.038	0.014	APCO	Solano
15MOY15	Ag/ off-road	Tractor replacement	1	\$ 30,952.00	Nichelini Vineyards, LLC	0.101	0.017	0.005	APCO	Napa
15MOY31	Ag/ off-road	Tractor replacement	1	\$ 111,490.00	Andrew Poncia dba Poncia Fertilizer Spreading	0.629	0.090	0.032	11/6/2013	Sonoma
15MOY33	Ag/ off-road	Tractor replacement	1	\$ 96,092.00	Daniel Evans (Farmer)	0.514	0.064	0.022	APCO	Marin
15MOY37	Off-road	Loader replacement	1	\$ 99,810.00	W.R. Forde Associates	0.582	0.076	0.026	APCO	Contra Costa
15MOY29	Ag/ off-road	Tractor replacement	1	\$ 159,821.00	Drew Dairy	1.075	0.123	0.043	11/6/2013	Sonoma
15MOY36	Ag/ off-road	Loader replacement	1	\$ 147,521.00	Jack Dei Dairy	0.557	0.097	0.035	11/6/2013	Sonoma
15MOY40	Off-road	Loader replacement	3	\$ 237,960.00	Napa Recycling & Waste Services LLC	1.778	0.024	0.050	11/6/2013	Napa
15MOY41	Ag/ off-road	Loader replacement	1	\$ 131,410.00	Neil McIsaac & Son	0.328	0.059	0.021	11/6/2013	Sonoma
15MOY1	Off-road	Loader replacement	2	\$ 99,970.00	Sanco Pipelines, Inc.	0.597	0.071	0.026	APCO	Santa Clara
15MOY22	Ag/ off-road	Tractor replacement	2	\$ 34,315.00	Oakview Vineyards, LLC	0.061	0.021	0.006	APCO	Napa
15MOY19	Ag/ off-road	Tractor replacement	1	\$ 30,952.00	Nord Vineyards, LLC	0.054	0.016	0.006	APCO	Napa
15MOY16	Ag/ off-road	Tractor replacement	3	\$ 70,895.00	TrioC Vineyards, LLC	0.218	0.042	0.014	APCO	Napa
15MOY12	Ag/ off-road	Tractor replacement	3	\$ 93,031.00	D'Ambrosio Brothers Investment Company (Vineyard)	0.247	0.063	0.023	APCO	Napa
14MOY47	Marine	Engine replacement	2	\$ 175,418.00	Roger Thomas, Vessel: "Salty Lady" (Charter fishing)	2.757	-0.039	0.110	12/18/2013	San Francisco
15MOY39	Ag/ off-road	Tractor replacement	1	\$ 133,545.00	Gregory Lyons (Lyons Farms)	0.398	0.053	0.018	12/18/2013	Contra Costa
15MOY43	Ag/ off-road	Tractor replacement	1	\$ 186,720.00	Morrison Chopping	1.306	0.136	0.047	12/18/2013	Sonoma
15MOY44	Ag/ off-road	Tractor replacement	1	\$ 120,910.00	DeBernardi Dairy, Inc.	0.581	0.072	0.028	12/18/2013	Sonoma
15MOY46	Ag/ off-road	Loader replacement	1	\$ 147,220.00	Roy King Dairy	1.002	0.122	0.041	12/18/2013	Sonoma
15MOY52	Ag/ off-road	Loader replacement	1	\$ 174,777.00	Mertens Dairy	0.880	0.111	0.043	12/18/2013	Sonoma

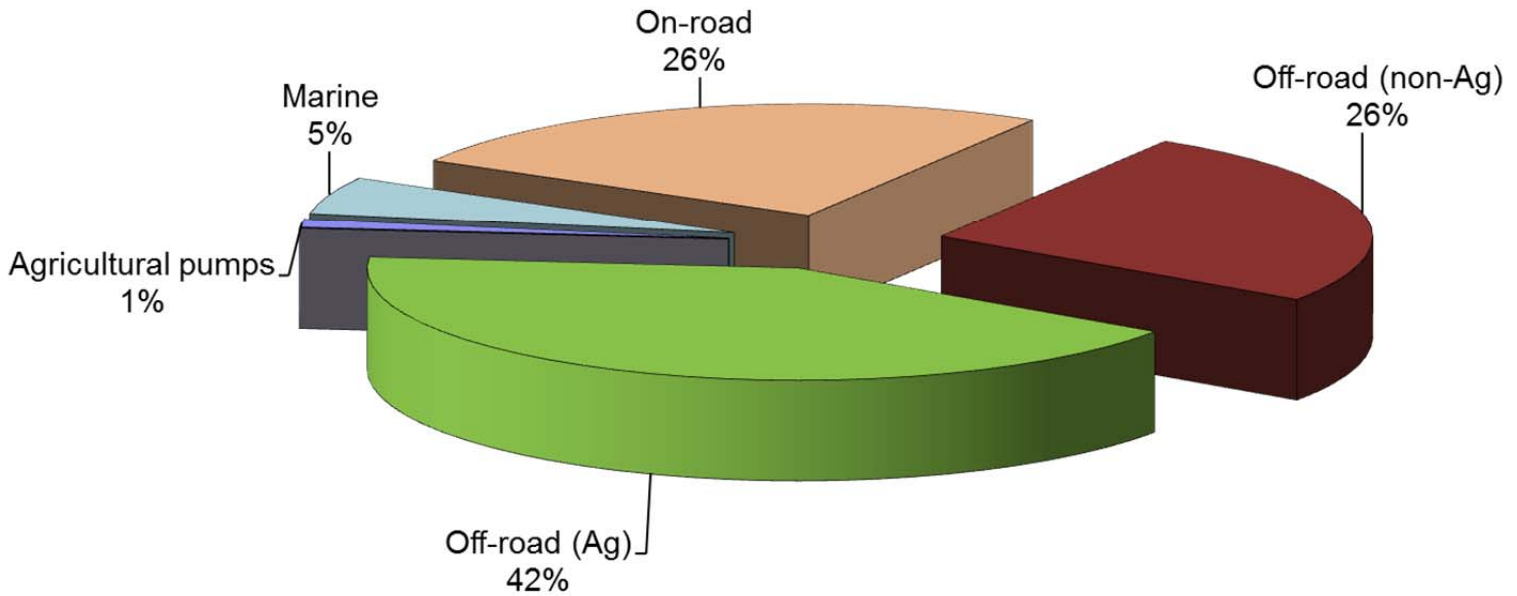
Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
15MOY49	Agriculture	Irrigation pump engine replacement	3	\$ 114,442.00	C Mondavi and Sons, Inc.	0.333	0.055	0.020	12/18/2013	Napa
15MOY45	Ag/ off-road	Tractor replacement	1	\$ 97,355.00	Simoni & Massoni Farms	0.586	0.100	0.036	APCO	Contra Costa
15MOY35	Off-road	Excavator engine replacement and retrofit	1	\$ 74,785.00	Ferma Corporation	0.541	0.040	0.015	APCO	Alameda
15MOY34	Ag/ off-road	Tractor replacement	1	\$ 28,740.00	R. Rossi Co. (Farm)	0.144	0.024	0.009	APCO	San Mateo
15MOY47	Ag/ off-road	Tractor replacement	1	\$ 46,296.00	Ken Mazzetta (Mazzetta Dairy)	0.343	0.065	0.030	APCO	Sonoma
15MOY25	Ag/ off-road	Tractor replacement	1	\$ 28,592.00	J & M Ranch	0.236	0.041	0.015	APCO	Solano
15MOY7	Ag/ off-road	Tractor replacement	2	\$ 61,904.00	Green Island Vineyards, LLC	0.278	0.071	0.030	APCO	Napa
15MOY55	Ag/ off-road	Loader replacement	1	\$ 202,986.00	Sonoma Soil Builders, LLC	0.797	0.096	0.034	2/19/2014	Sonoma
15MOY5	Ag/ off-road	Tractor replacement	1	\$ 220,279.00	McClelland's Dairy	0.786	0.078	0.031	2/19/2014	Sonoma
15MOY18	Off-road	Airport ground support equipment	3	\$ 121,088.00	Southwest Airlines Co.	0.441	0.040	0.013	2/19/2014	Santa Clara
15MOY58	Ag/ off-road	Tractor replacement	19	\$ 610,091.00	Jackson FamilyWines, Inc.	1.761	0.389	0.124	2/19/2014	Sonoma
15MOY65	Ag/ off-road	Loader replacement	1	\$ 132,230.00	Robert McClelland Dairy	0.788	0.100	0.034	2/19/2014	Sonoma
15MOY72	Ag/ off-road	Tractor replacement	1	\$ 40,688.00	Robert J Camozzi II (Triple C Dairy)	0.193	0.037	0.017	APCO	Sonoma
15MOY56	Ag/ off-road	Tractor replacement	1	\$ 87,050.00	Pina Vineyard Management , LLC.	0.349	0.023	0.008	APCO	Napa
15MOY60	Ag/ off-road	Tractor replacement	1	\$ 34,103.00	Tri-Valley Vineyard Management Inc.	0.069	0.021	0.007	APCO	Sonoma
15MOY61	Ag/ off-road	Tractor replacement	2	\$ 87,900.00	Lanza Vineyards Inc.	0.226	0.042	0.013	APCO	Solano
15MOY59	Off-road	Loader replacement	1	\$ 92,920.00	American Soil Products, Inc.	0.481	0.078	0.027	APCO	Alameda
15MOY51	Marine	Engine replacement	1	\$ 46,630.00	Mark J. Meltzer (Commercial fisherman)	0.215	0.008	0.009	APCO	Santa Clara
15MOY38	Marine	Engine replacement	2	\$ 169,580.00	Yokomizo Sportfishing	2.147	-0.060	0.106	TBD	Alameda
15MOY69	Off-road	Backhoe replacement	1	\$ 60,715.00	EPS, Inc dba Express plumbing	0.254	0.046	0.021	APCO	San Mateo
15MOY78	Off-road	Backhoe replacement	1	\$ 31,800.00	Saint Francis Electric	0.134	0.024	0.011	APCO	Alameda
15MOY71	Marine	Engine replacement	4	\$ 238,110.00	Gregg Marine	1.596	0.022	0.060	TBD	Monterey
15MOY67	Ag/ off-road	Tractor replacement	1	\$ 61,958.00	F.A. Maggiore & Sons, LLC	0.382	0.066	0.024	APCO	Contra Costa
15MOY70	Ag/ off-road	Tractor replacement	1	\$ 44,592.00	Lee P Martinelli Ranches	0.168	0.028	0.010	APCO	Sonoma
15MOY73	Ag/ off-road	Tractor replacement	1	\$ 40,701.00	Groth Vineyards and Winery LLC	0.169	0.030	0.007	APCO	Napa
15MOY81	Ag/ off-road	Tractor replacement	3	\$ 109,734.00	F. Korbel & Bros. Inc.	0.267	0.057	0.027	TBD	Sonoma
15MOY82	Ag/ off-road	Tractor replacement	1	\$ 38,476.00	Thomson Vineyards LLC	0.102	0.020	0.006	APCO	Napa
15MOY106	Ag/ off-road	Tractor replacement	1	\$ 112,586.00	Fiorio Farm, Inc.	0.389	0.050	0.019	TBD	San Mateo
15MOY84	Ag/ off-road	Tractor replacement	3	\$ 187,661.00	Jacobsen Ranches, Inc.	1.303	0.193	0.070	TBD	Sonoma
15MOY86	Ag/ off-road	Tractor replacement	1	\$ 28,674.00	Stephen P & Gwen P Hill DBA / Parmelee - Hill Vineyards	0.069	0.014	0.005	APCO	Sonoma
15MOY87	Ag/ off-road	Tractor replacement	11	\$ 311,463.00	Oak Knoll Farming Corp.	1.013	0.229	0.089	TBD	Napa
15MOY62	Off-road	Excavator replacement	1	\$ 162,365.00	Noah Concrete Corporation	1.729	0.179	0.063	TBD	Santa Clara
15MOY92	Ag/ off-road	Loader replacement	1	\$ 149,685.00	Joseph Camozzi Dairy	1.062	0.148	0.053	TBD	Sonoma
15MOY93	Ag/ off-road	Tractor replacement	1	\$ 102,667.00	Ernest Nunes (Farmer)	0.783	0.078	0.030	TBD	Sonoma

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
15MOY95	Ag/ off-road	Tractor replacement	1	\$ 35,304.00	Moretti Family Dairy	0.133	0.024	0.009	APCO	Sonoma
15MOY98	Ag/ off-road	Tractor replacement	5	\$ 159,337.00	Lanza Vineyards, Inc.	0.518	0.103	0.030	TBD	Solano
15MOY103	Ag/ off-road	Tractor replacement	4	\$ 119,862.00	Renteria Vineyard Management LLC	0.453	0.107	0.037	TBD	Napa
15MOY75	Ag/ off-road	Tractor replacement	4	\$ 157,745.00	Sinskey Vineyards, Inc., dba Robert Sinskey Vineyards	0.396	0.093	0.028	TBD	Napa
15MOY113	Ag/ off-road	Loader replacement	1	\$ 147,220.00	Morrison Chopping	0.717	0.123	0.044	TBD	Sonoma
VIP139	VIP	Truck Replacement	1	\$ 30,000.00	Donald Lee Holmes	0.608	0.009	0.000	APCO	San Benito
VIP140	VIP	Truck Replacement	1	\$ 30,000.00	Nikolas Carasis	0.606	0.020	0.000	APCO	Contra Costa
VIP142	VIP	Truck Replacement	1	\$ 45,000.00	Forward Intermodal Systems, Inc.	0.905	0.013	0.000	APCO	San Francisco
VIP143	VIP	Truck Replacement	1	\$ 30,000.00	Galante Brothers	0.606	0.020	0.000	APCO	Santa Clara
VIP144	VIP	Truck Replacement	1	\$ 45,000.00	Zeiber Trucking Service, Inc.	0.905	0.013	0.000	APCO	San Joaquin
VIP145	VIP	Truck Replacement	1	\$ 45,000.00	San Miguel Transportation, Inc.	0.905	0.013	0.000	APCO	Sonoma
VIP146	VIP	Truck Replacement	1	\$ 40,000.00	Jaspal Singh	0.802	0.027	0.000	APCO	Alameda
VIP147	VIP	Truck Replacement	1	\$ 45,000.00	Jose E. Mejia	0.905	0.013	0.000	APCO	Santa Clara
VIP148	VIP	Truck Replacement	1	\$ 35,000.00	Raphelle Gabriel	0.702	0.010	0.000	APCO	San Mateo
VIP149	VIP	Truck Replacement	1	\$ 45,000.00	Tuan Q. Luu	0.905	0.013	0.000	APCO	Santa Clara
VIP150	VIP	Truck Replacement	1	\$ 25,000.00	Surdeep Singh DBA Arjan Transport	0.513	0.008	0.000	APCO	Solano
VIP151	VIP	Truck Replacement	1	\$ 45,000.00	Eugene R. Oliverio	0.905	0.013	0.000	APCO	Santa Clara
VIP152	VIP	Truck Replacement	1	\$ 35,000.00	Devinder Singh Nagra	0.702	0.010	0.000	APCO	Santa Clara
VIP153	VIP	Truck Replacement	1	\$ 40,000.00	Dong V. Le	0.811	0.012	0.000	APCO	Alameda
VIP154	VIP	Truck Replacement	1	\$ 35,000.00	Harjinder Singh Shergill	0.700	0.013	0.000	APCO	Sacramento
VIP155	VIP	Truck Replacement	1	\$ 45,000.00	Brian Scott Price	0.905	0.013	0.000	APCO	Salinas
VIP156	VIP	Truck Replacement	1	\$ 45,000.00	Dennis C. Leavitt Jr.	0.905	0.013	0.000	APCO	Alameda
VIP157	VIP	Truck Replacement	1	\$ 30,000.00	Calstone Co.	0.603	0.013	0.000	APCO	Santa Clara
VIP158	VIP	Truck Replacement	1	\$ 35,000.00	Manuel Gambao DBA MG Trucking	0.706	0.011	0.000	APCO	Riverside
VIP159	VIP	Truck Replacement	1	\$ 35,000.00	Lestor Jackson	0.706	0.011	0.000	APCO	Alameda
VIP160	VIP	Truck Replacement	1	\$ 45,000.00	Sanh Nguyen	0.905	0.013	0.000	APCO	Alameda
VIP161	VIP	Truck Replacement	1	\$ 35,000.00	Ruben Tinoco Rivera	0.706	0.011	0.000	APCO	Salinas
VIP162	VIP	Truck Replacement	1	\$ 25,000.00	Emilio Venegas	0.513	0.008	0.000	APCO	San Joaquin
VIP163	VIP	Truck Replacement	1	\$ 20,000.00	EXLS / Ultra Labs, Inc.	0.405	0.006	0.000	APCO	Alameda
VIP164	VIP	Truck Replacement	1	\$ 45,000.00	Ernesto Q. Tejada	0.905	0.013	0.000	APCO	Santa Clara
VIP165	VIP	Truck Replacement	1	\$ 20,000.00	Harkewal Singh Bhuller	0.402	0.006	0.000	APCO	Alameda
VIP166	VIP	Truck Replacement	1	\$ 45,000.00	M/M Feed	0.814	0.018	0.000	APCO	Mendocino
VIP167	VIP	Truck Replacement	1	\$ 35,000.00	Joseph Michael Velardi	0.702	0.010	0.000	APCO	Contra Costa
VIP168	VIP	Truck Replacement	1	\$ 40,000.00	Matthew P. Crowley	0.814	0.018	0.000	APCO	Monterey
VIP169	VIP	Truck Replacement	1	\$ 45,000.00	Matthew J. Domler	0.905	0.013	0.000	APCO	Solano

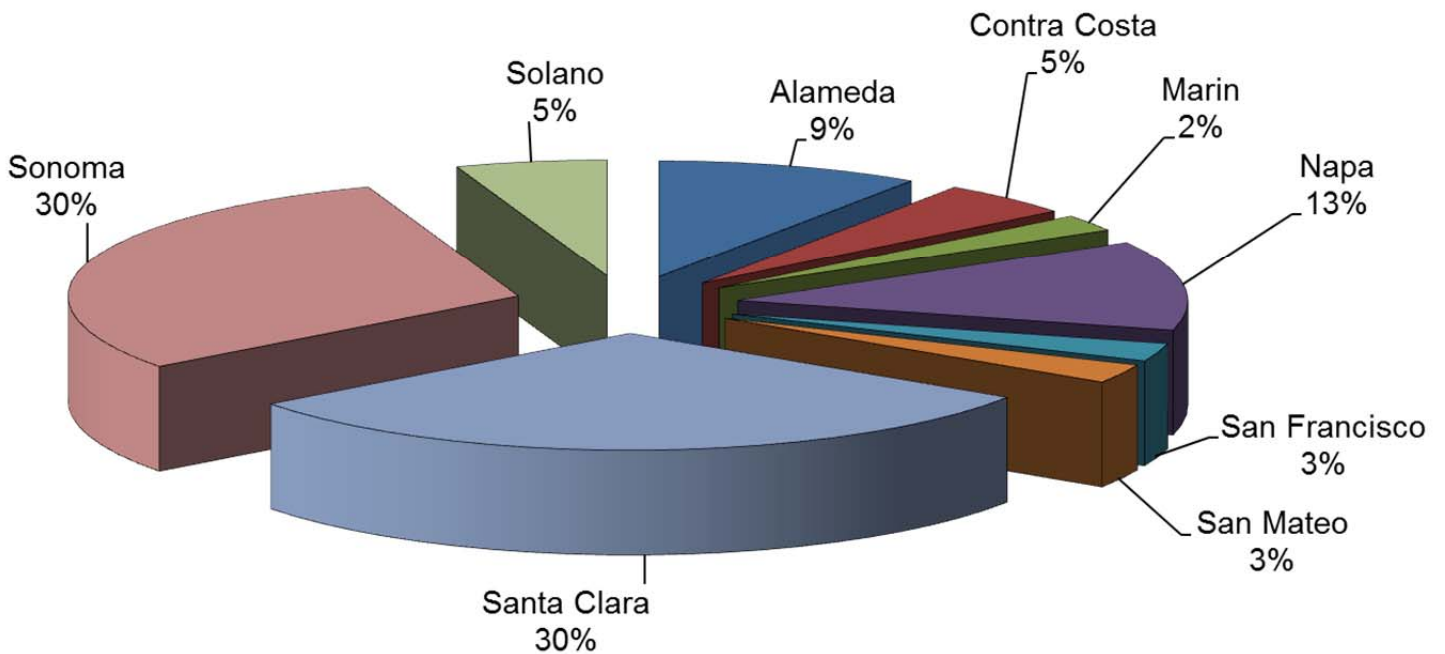
Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
VIP170	VIP	Truck Replacement	1	\$ 15,000.00	Michael J. Haye	0.309	0.007	0.000	APCO	San Mateo
VIP171	VIP	Truck Replacement	1	\$ 35,000.00	Hydra Reload Inc. / Kellogg Distribution	0.702	0.010	0.000	APCO	Sacramento
VIP172	VIP	Truck Replacement	1	\$ 35,000.00	Kellogg Distribution Inc.	0.702	0.010	0.000	APCO	Sacramento
VIP173	VIP	Truck Replacement	1	\$ 45,000.00	Elliott Louis Nurse	0.905	0.013	0.000	APCO	Monterey
VIP174	VIP	Truck Replacement	1	\$ 30,000.00	Gary Lee Schultz	0.606	0.020	0.000	APCO	Santa Clara
VIP175	VIP	Truck Replacement	1	\$ 45,000.00	Abdul Naik	0.905	0.013	0.000	APCO	Alameda
VIP176	VIP	Truck Replacement	1	\$ 45,000.00	Rene Alphonse LaChance	0.905	0.013	0.000	APCO	Tehama
VIP177	VIP	Truck Replacement	1	\$ 35,000.00	Luis R. Gomez	0.692	0.025	0.000	APCO	Solano
VIP178	VIP	Truck Replacement	1	\$ 45,000.00	Carl Joseph Johnson DBA Viking Transport	0.905	0.013	0.000	APCO	Santa Cruz
VIP179	VIP	Truck Replacement	1	\$ 45,000.00	Tim Amaro	0.900	0.030	0.000	APCO	Santa Clara
VIP181	VIP	Truck Replacement	1	\$ 10,000.00	Saraoni Food Service	0.143	0.002	0.003	APCO	Contra Costa
VIP182	VIP	Truck Replacement	1	\$ 35,000.00	Jaime Rameriz	0.702	0.01	0.000	APCO	Santa Clara
VIP183	VIP	Truck Replacement	1	\$ 45,000.00	Pleasanton Trucking, Inc.	0.905	0.013	0.000	APCO	Contra Costa
VIP184	VIP	Truck Replacement	1	\$ 15,000.00	Michael L. Nelson	0.311	0.011	0.000	APCO	Solano
VIP185	VIP	Truck Replacement	1	\$ 35,000.00	Manuel Curiel	0.700	0.013	0.000	APCO	Yuba
VIP186	VIP	Truck Replacement	1	\$ 35,000.00	Kamaljit Singh Nanra	0.702	0.010	0.000	APCO	Alameda
VIP187	VIP	Truck Replacement	1	\$ 40,000.00	Menne Ranch Hay, Inc.	0.811	0.012	0.000	APCO	Siskiyou
VIP188	VIP	Truck Replacement	1	\$ 45,000.00	Phillip Jon Medina DBA PM Trans	0.905	0.013	0.000	APCO	Santa Clara
VIP189	VIP	Truck Replacement	1	\$ 35,000.00	Rakesh Singh	0.700	0.013	0.000	APCO	Sacramento
VIP190	VIP	Truck Replacement	1	\$ 35,000.00	Jorge A. Ramirez	0.700	0.013	0.000	APCO	Yolo
VIP191	VIP	Truck Replacement	1	\$ 20,000.00	Fernando Almaraz/ Isaura Medrano	0.277	0.003	0.007	APCO	Alameda
VIP192	VIP	Truck Replacement	1	\$ 45,000.00	J/F Transport, LLC	0.905	0.013	0.000	APCO	Yolo
VIP193	VIP	Truck Replacement	1	\$ 40,000.00	Patricia Priestley Sanchez	0.811	0.012	0.000	APCO	Santa Clara
VIP195	VIP	Truck Replacement	1	\$ 35,000.00	J/H Trucking	0.702	0.010	0.000	APCO	Yolo
VIP196	VIP	Truck Replacement	1	\$ 10,000.00	Phillip Bettney Trucking, Inc.	0.203	0.003	0.000	APCO	San Francisco
VIP197	VIP	Truck Replacement	1	\$ 20,000.00	Juan Jose Macias	0.405	0.006	0.000	APCO	Santa Clara
VIP198	VIP	Truck Replacement	1	\$ 45,000.00	Jesus Garcia	0.898	0.020	0.000	APCO	Santa Clara
VIP199	VIP	Truck Replacement	1	\$ 45,000.00	Dhirendra Singh	0.905	0.013	0.000	APCO	Alameda
VIP200	VIP	Truck Replacement	1	\$ 45,000.00	Balwinder Singh	0.898	0.020	0.000	APCO	Santa Clara
VIP201	VIP	Truck Replacement	1	\$ 40,000.00	ACP Concrete Pumping, Inc.	0.811	0.012	0.000	APCO	San Benito
VIP202	VIP	Truck Replacement	1	\$ 45,000.00	PumpIt, Inc.	0.905	0.013	0.000	APCO	Sonoma
VIP203	VIP	Truck Replacement	1	\$ 35,000.00	Road Runner Mobile Truck Repair, Inc.	0.476	0.005	0.012	APCO	Solano
VIP204	VIP	Truck Replacement	1	\$ 30,000.00	Road Runner Mobile Truck Repair, Inc.	0.610	0.007	0.000	APCO	Solano
VIP205	VIP	Truck Replacement	1	\$ 10,000.00	Robert Guck / Raymond Guck	0.200	0.004	0.000	APCO	Napa
VIP206	VIP	Truck Replacement	1	\$ 35,000.00	Javier DeLaTorre or Jose DeLaTorre DBA DeLaTorre Landscaping	0.702	0.010	0.000	APCO	Yolo
VIP207	VIP	Truck Replacement	1	\$ 45,000.00	Joseph Jensen	0.905	0.013	0.000	APCO	Sonoma

Project #	Equipment category	Project type	# of engines	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Board approval date	County
						NOx	ROG	PM		
VIP208	VIP	Truck Replacement	1	\$ 45,000.00	Harjit Singh	0.905	0.013	0.000	APCO	Placer
VIP209	VIP	Truck Replacement	1	\$ 45,000.00	Nicolas Gonzalez Vargas	0.905	0.013	0.000	APCO	Sacramento
VIP210	VIP	Truck Replacement	1	\$ 35,000.00	Joe Parra	0.700	0.013	0.000	APCO	Santa Clara
VIP211	VIP	Truck Replacement	1	\$ 35,000.00	Gurdip Singh	0.702	0.010	0.000	APCO	Contra Costa
VIP212	VIP	Truck Replacement	1	\$ 10,000.00	Bonhams / Butterfields	0.135	0.002	0.004	APCO	San Francisco
VIP213	VIP	Truck Replacement	1	\$ 40,000.00	Tarsem Singh Barsa	0.811	0.012	0.000	APCO	Santa Clara
VIP214	VIP	Truck Replacement	1	\$ 35,000.00	Jasbir S. Sindra	0.706	0.011	0.000	APCO	Santa Clara
VIP215	VIP	Truck Replacement	1	\$ 30,000.00	Julio Cesar Perez	0.600	0.011	0.000	APCO	Alameda
VIP216	VIP	Truck Replacement	1	\$ 30,000.00	EMS Services, Inc.	0.610	0.007	0.000	APCO	Alameda
VIP217	VIP	Truck Replacement	1	\$ 45,000.00	Terry Mallery DBA Lassen Rents	0.905	0.013	0.000	APCO	Lassen
VIP218	VIP	Truck Replacement	1	\$ 20,000.00	Tou Bar Equipment, Inc.	0.409	0.014	0.000	APCO	San Mateo
VIP219	VIP	Truck Replacement	1	\$ 45,000.00	Victor Munoz Jr.	0.900	0.030	0.000	APCO	Santa Clara
VIP220	VIP	Truck Replacement	1	\$ 25,000.00	David John Grob	0.500	0.014	0.000	APCO	Contra Costa
VIP221	VIP	Truck Replacement	1	\$ 30,000.00	Bruce Campbell Sand / Gravel, Inc.	0.608	0.009	0.000	APCO	Orange
VIP222	VIP	Truck Replacement	1	\$ 35,000.00	Dhirendra Kumar Shukla	0.700	0.013	0.000	APCO	Sacramento
VIP223	VIP	Truck Replacement	1	\$ 30,000.00	Frankie Rodriguez	0.600	0.011	0.000	APCO	Alameda
VIP224	VIP	Truck Replacement	1	\$ 35,000.00	Jasbir Singh Dhillon	0.692	0.025	0.000	APCO	Alameda
VIP225	VIP	Truck Replacement	1	\$ 20,000.00	Columbus Manufacturing, Inc.	0.405	0.006	0.000	APCO	Alameda
VIP226	VIP	Truck Replacement	1	\$ 40,000.00	Harvinder S. Gill	0.804	0.013	0.000	APCO	Alameda
VIP227	VIP	Truck Replacement	1	\$ 35,000.00	Reden Roasa	0.702	0.010	0.000	APCO	Alameda
VIP228	VIP	Truck Replacement	1	\$ 35,000.00	Juan Carlos Cortes	0.706	0.011	0.000	APCO	Solano
VIP229	VIP	Truck Replacement	1	\$ 35,000.00	Gurmeet Singh	0.700	0.013	0.000	APCO	San Joaquin
VIP230	VIP	Truck Replacement	1	\$ 15,000.00	MK Pipelines, Inc.	0.311	0.011	0.000	APCO	San Francisco
VIP231	VIP	Truck Replacement	1	\$ 20,000.00	Bauer Transportation Systems, Inc.	0.405	0.006	0.000	APCO	San Mateo
VIP232	VIP	Truck Replacement	1	\$ 40,000.00	Philip August Rancatore	0.802	0.027	0.000	APCO	San Francisco
VIP233	VIP	Truck Replacement	1	\$ 35,000.00	David M. Blair	0.702	0.010	0.000	APCO	San Joaquin
VIP234	VIP	Truck Replacement	1	\$ 30,000.00	Francisco Munoz	0.600	0.011	0.000	APCO	Alameda
VIP235	VIP	Truck Replacement	1	\$ 20,000.00	Darin Muneno	0.409	0.014	0.000	APCO	San Mateo
VIP236	VIP	Truck Replacement	1	\$ 25,000.00	Gurdeep Singh Johal	0.513	0.008	0.000	APCO	San Joaquin
VIP238	VIP	Truck Replacement	1	\$ 45,000.00	Ryan Baltazar	0.905	0.013	0.000	APCO	Solano
VIP240	VIP	Truck Replacement	1	\$ 10,000.00	Sunnyvale Trading Co.	0.143	0.002	0.003	APCO	Alameda
VIP241	VIP	Truck Replacement	1	\$ 15,000.00	Clarks Septic Service, LLC.	0.309	0.004	0.000	APCO	Stanislaus
VIP242	VIP	Truck Replacement	1	\$ 40,000.00	Menne Ranch Hay Inc.	0.789	0.006	0.000	APCO	Siskiyou
<b>166 Projects</b>			<b>235</b>	<b>\$ 13,309,980.00</b>		<b>117.925</b>	<b>7.075</b>	<b>2.547</b>		

**Figure 1: CMP/ MSIF Funding Distribution by Equipment Category as of 4/7/14**

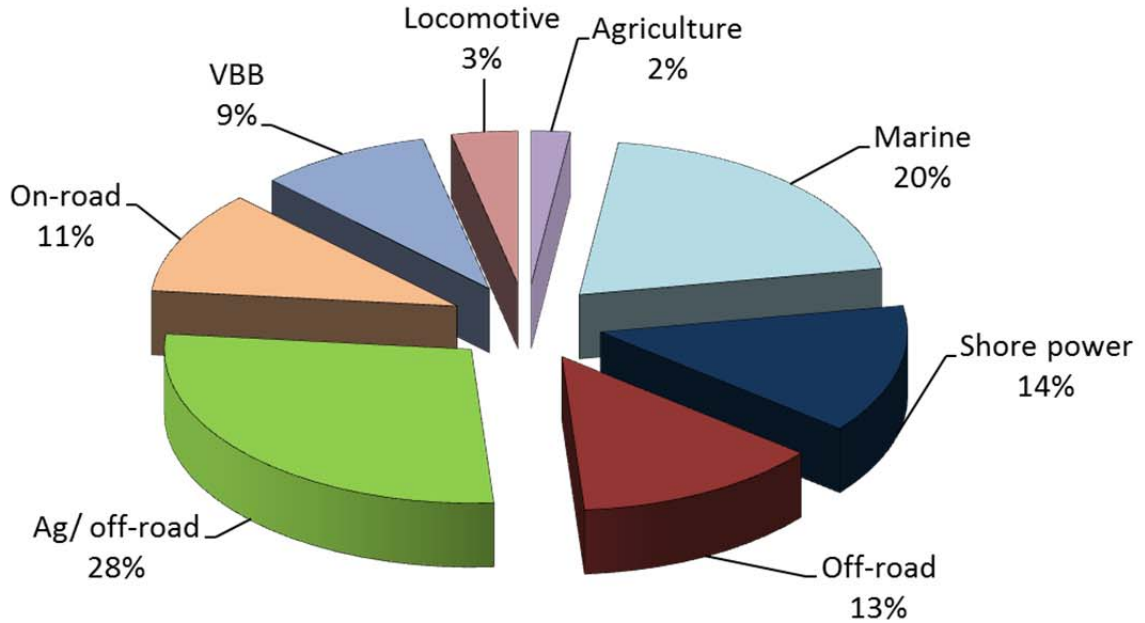


**Figure 2: CMP/ MSIF Funding Distribution by County as of 4/7/14**

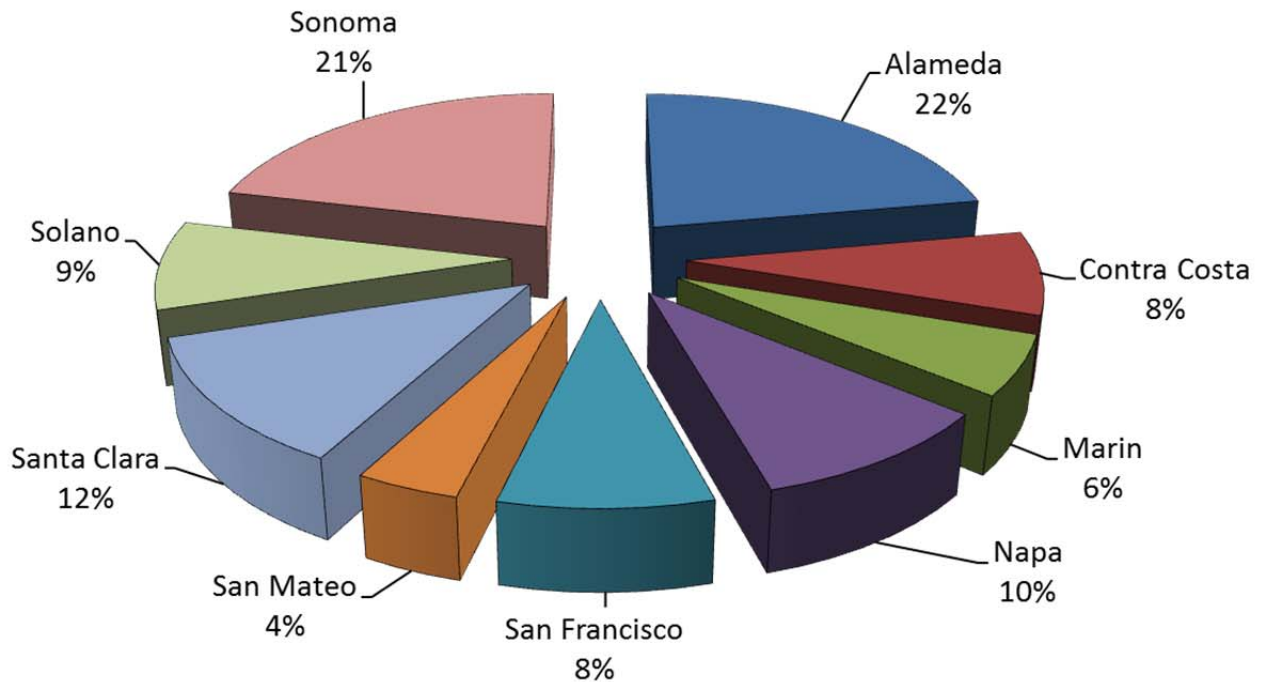


# AGENDA 4 - ATTACHMENT 3

**Figure 3: CMP, MSIF, and VIP funding for Years 11-15 by equipment category**



**Figure 4: CMP, MSIF, and VIP funding for Years 11-15 by county**





**AGENDA 4 - ATTACHMENT 4 All TFCa Projects**  
 BAAQMD Transportation Fund For Clean Air projects  
 Summary of all TFCa approved projects (As of 3/31/14)

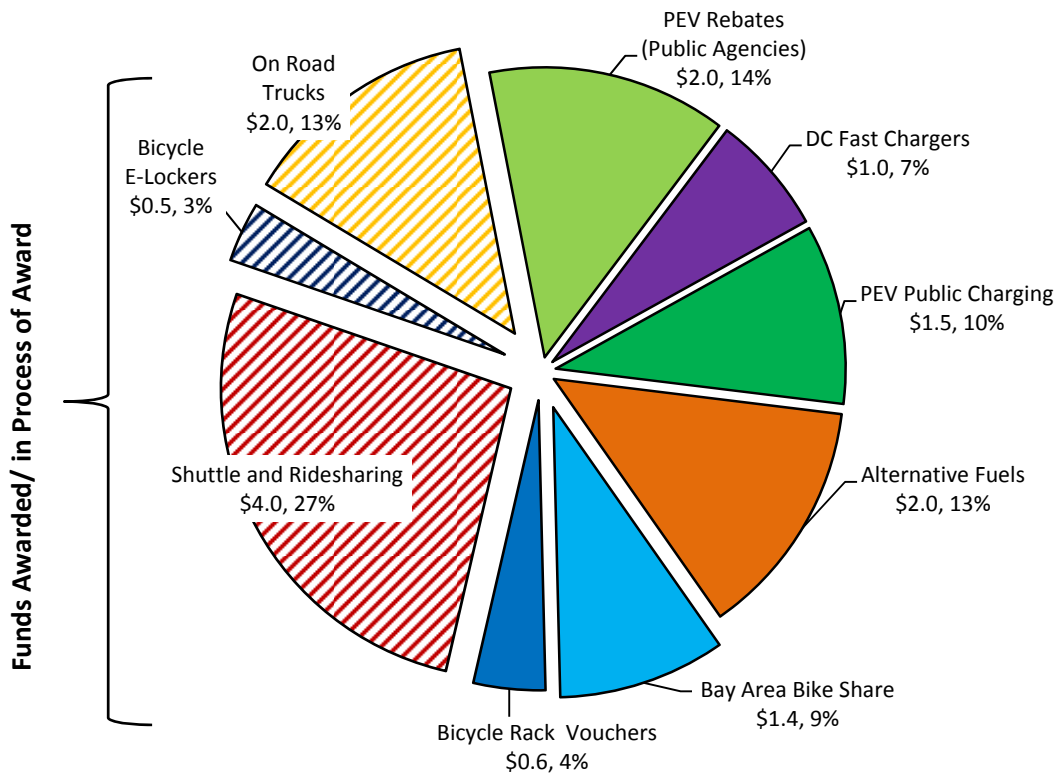
Project #	Equipment category	Project type	Proposed contract award	Applicant name	Emission Reductions (Tons per year)			Boad approval date	County
					NO <sub>x</sub>	ROG	PM		
14R07	Shuttles	City of Oakland Broadway Shuttle	\$219,518.00	City of Oakland	0.58	0.68	0.67	3/19/14	Alameda
14R08	Shuttles	PresidiGo Downtown Shuttle	\$100,000.00	Presidio Trust	0.22	0.35	0.32	3/19/14	San Francisco
14R09	Shuttles	Bay Fair BART Shuttle	\$16,400.00	Alameda County	0.02	0.04	0.04	3/19/14	Alameda
14R11	Shuttles	Commuter Shuttle	\$143,520.00	The City of Richmond	0.35	0.34	0.34	3/19/14	Contra Costa
14R12	Shuttles	Shuttle/Feeder Bus	\$50,600.00	Altamont Corridor Express	0.23	0.33	0.41	3/19/14	Alameda
14R13	Shuttles	82X Levi Express Shuttle	\$122,000.00	San Francisco Municipal Transportation Agency (SFMTA)	0.42	0.64	0.92	3/19/14	San Francisco
14R14	Shuttles	Caltrain Shuttle Program	\$1,000,000.00	Peninsula Corridor Joint Powers Board	4.95	4.87	5.33	3/19/14	San Mateo
14R16	Shuttles	ACE Shuttle Bus Program	\$960,000.00	Santa Clara Valley Transportation Authority	2.48	2.2	2.61	3/19/14	Santa Clara
14R17	Shuttles	511 Rideshare Program	\$1,000,000.00	Metropolitan Transportation Commission	9.48	10.42	11.3	3/19/14	REGIONAL
14R18	Shuttles	SJSU Ridesharing & Trip Reduction	\$120,000.00	Associated Students, San Jose State University	1.88	1.87	1.81	3/19/14	Santa Clara
13BR001	Bicycle Rack Voucher	Purchase of nine (9) bicycle racks	\$1,080.00	Dougherty Elementary School	N/A			APCO	Alameda
13BR002	Bicycle Rack Voucher	Purchase of three (3) bicycle racks	\$720.00	Old Mill School	N/A			APCO	Marin
13BR003	Bicycle Rack Voucher	Purchase of six (6) bicycle racks	\$2,160.00	Reed Union School District	N/A			APCO	Marin
13BR004	Bicycle Rack Voucher	Purchase of thirty-five (35) bicycle racks	\$4,200.00	Sausalito Marin City School District	N/A			APCO	Marin
13BR005	Bicycle Rack Voucher	Purchase of ten (10) bicycle racks	\$2,400.00	Tamalpais Valley School	N/A			APCO	Marin
13BR006	Bicycle Rack Voucher	Purchase of sixty-eight (68) bicycle racks	\$7,812.57	City of Emeryville	N/A			APCO	Alameda
13BR007	Bicycle Rack Voucher	Purchase of ninety-nine (99) bicycle racks	\$11,880.00	Tamalpais High School	N/A			APCO	Marin
13BR008	Bicycle Rack Voucher	Purchase of thirty (30) bicycle racks	\$3,433.50	Town of Fairfax	N/A			APCO	Marin
13BR009	Bicycle Rack Voucher	Purchase of twenty-two (22) bicycle racks	\$2,640.00	Town of Yountville	N/A			APCO	Napa
13BR010	Bicycle Rack Voucher	Purchase of thirty-two (32) bicycle racks	\$3,840.00	City of Burlingame-Engineering Division	N/A			APCO	San Mateo
13BR011	Bicycle Rack Voucher	Purchase of twenty-nine (29) bicycle racks	\$3,283.62	City of Piedmont	N/A			APCO	Alameda
13BR012	Bicycle Rack Voucher	Purchase of nine (9) bicycle racks	\$1,080.00	Town of Corte Madera	N/A			APCO	Marin
13BR013	Bicycle Rack Voucher	Purchase of forty-nine (49) bicycle racks	\$11,760.00	Terman Middle School	N/A			APCO	Santa Clara
13BR014	Bicycle Rack Voucher	Purchase of hundred (100) bicycle racks	\$12,000.00	University of California San Francisco Medical Center	N/A			APCO	San Francisco
13BR015	Bicycle Rack Voucher	Purchase of fifty-six (56) bicycle racks	\$6,720.00	Larkspur-Corte Madera School District	N/A			APCO	Marin
13BR017	Bicycle Rack Voucher	Purchase of seven (7) bicycle racks	\$1,680.00	Fremont Unified School District	N/A			APCO	Alameda
13BR018	Bicycle Rack Voucher	Purchase of five (5) bicycle racks	\$600.00	Walter T. Helms Middle School	N/A			APCO	Contra Costa
13BR019	Bicycle Rack Voucher	Purchase of eight (8) bicycle racks	\$960.00	Town of Corte Madera	N/A			APCO	Marin
N/A	Bikeshare	3 stations and ~30 bicycles for Redwood City	\$140,000.00	Bay Area Bike Share	N/A			6/5/13	San Mateo
N/A	Bikeshare	15 stations and ~150 bicycles for San Francisco	\$700,000.00	Bay Area Bike Share	N/A			6/5/13	San Francisco
N/A	Bikeshare	12 stations and ~120 bicycles for San Jose, Mountain View, and Palo Alto	\$560,000.00	Bay Area Bike Share	N/A			6/5/13	Santa Clara

**31 Projects: \$5,210,287.69**

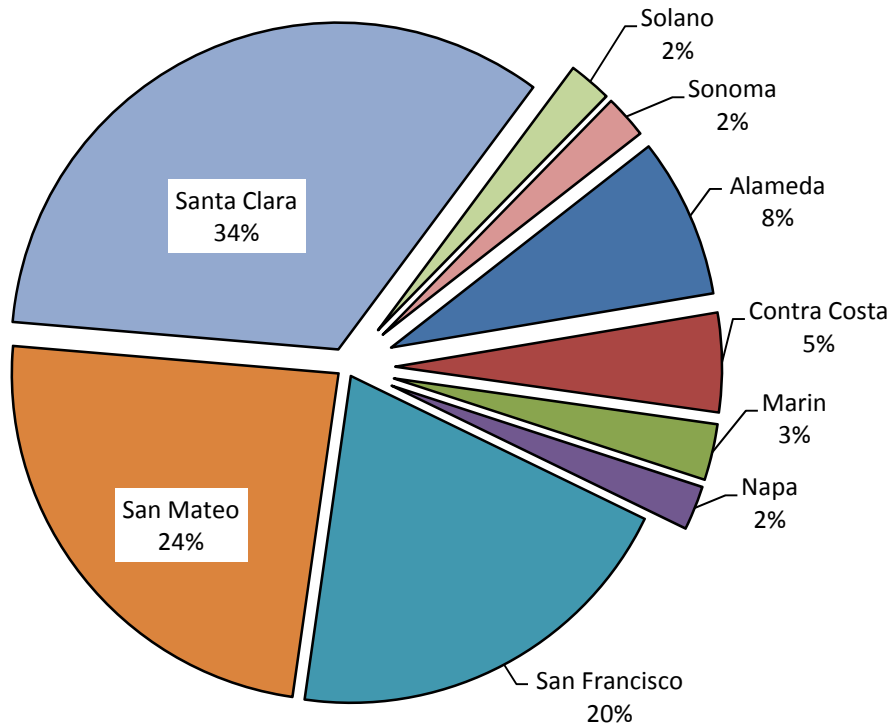
# AGENDA 4 - ATTACHMENT 5

**Figure 1: TFCA FYE 2015 Grant Funding**

(Funds available for award, funds awarded, and funds in process of award by Program)



**Figure 2: TFCA FYE 2015 Funding Awarded through 3/31/14 by County**



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 10, 2014

Re: Fiscal Year Ending (FYE) 2015 Transportation Fund for Clean Air (TFCA)  
County Program Manager (CPM) Expenditure Plans and Request for Waivers  
from Santa Clara Valley Transportation Authority (VTA) and San Francisco  
County Transportation Authority (SFCTA)

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**RECOMMENDED ACTIONS**

Recommend Board of Directors:

1. Approve the allocation of FYE 2015 TFCA CPM Funds listed in Table 1.
2. Authorize the Executive Officer/APCO to enter into funding agreements with the CPMs for the total funds to be programmed in FYE 2015, listed in Table 1.
3. Approve policy waivers to allow Santa Clara Valley Transportation Authority (VTA) to use FYE 2015 TFCA CPM Funds for a pedestrian improvement and bicycle sharing projects and San Francisco County Transportation Authority (SFCTA) to use FYE 2015 TFCA CPM Funds for arterial management projects.

**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. The Air District has allocated these funds to its TFCA 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.

By law, forty percent (40%) of these revenues are distributed to the designated CPM in each of the nine counties within the Air District's jurisdiction. The funds are distributed proportionally to the fees generated in each county. Every year, each CPM submits an expenditure plan application to the Air District specifying the funding available for projects within its county for the upcoming fiscal year. The authorizing legislation requires that each CPM allocate their available FYE 2015 funds within six months of the Air District Board of Directors' approval of the expenditure plan.

## DISCUSSION

The FYE 2015 TFCA CPM Fund Policies were adopted by the Air District's Board of Directors on December 18, 2013. All nine CPMs submitted compliant expenditure plan applications by the March 4, 2014 deadline. Table 1 below lists the total funds available to be programmed in FYE 2014 by the nine CPMs. The total for each county is the sum of the 1) estimated new funding available based on the estimated motor vehicle registrations for each county, 2) the interest earned by the CPM on TFCA funds received previously, and 3) funds available for reprogramming from CPM projects that were completed under budget or canceled during the previous fiscal year.

**Table 1: FYE 2015 Funding for County Program Managers**

County Program Manager	Est. <i>New</i> FYE 2015 TFCA Funds	Interest earned on TFCA Funds	TFCA Funds to be Reprogrammed	<i>Total</i> Funds to be Programmed in FYE 2015
Alameda County Transportation Commission	\$1,919,779.23	\$6,522.29	\$1,525,289.53*	\$3,451,591.05
Contra Costa Transportation Authority	\$1,411,857.22	\$3,003.34	\$0.00	\$1,414,860.56
Transportation Authority of Marin	\$358,487.66	\$1,562.75	\$14,319.83	\$374,370.24
Napa County Transportation Planning Agency	\$195,165.88	\$1,830.46	\$32,217.04	\$229,213.38
San Francisco County Transportation Authority	\$747,115.65	\$2,677.16	\$88,802.22	\$838,595.03
San Mateo City/County Association of Governments	\$1,072,899.13	\$793	\$19,145.20	\$1,092,837.33
Santa Clara Valley Transportation Agency	\$2,371,976.94	\$0.00	\$205,886.50	\$2,577,863.44
Solano Transportation Authority	\$309,850.66	\$351.18	\$0.00	\$310,201.84
Sonoma County Transportation Authority	\$593,508.02	\$5,741.32	\$34,572.44	\$633,821.78
<b>TOTAL</b>	<b>\$8,980,640.39</b>	<b>\$22,481.50</b>	<b>\$1,920,232.76</b>	<b>\$10,923,354.65</b>

\*Includes an additional \$7,485.83, which is 5% administration of the \$149,716.61 that was allocated in FYE12, but received in FYE15.

Table 2 lists three projects that require Board approval because they do not conform to the FYE 2015 TFCA CPM Fund Policies. TFCA CPM Fund Policy #3 allows CPMs to seek Air District Board of Directors' approval on a case-by-case basis for projects that are authorized by the HSC section 44241 and achieve Board-adopted TFCA cost-effectiveness but do not meet all of the Board adopted policies. Staff has reviewed VTA's and SFCTA's requests and determined that these projects conform to the provisions of HSC section 44241 and Board-adopted TFCA cost-effectiveness. Therefore, staff is requesting that the Board approve VTA's and SFCTA's request, as allowed by Policy #3.

**Table 2: FYE 2015 Projects Requiring Case-by-Case Approvals**

Project Name	Description	TFCA Funds	Est. Total Project Cost	Requested Policy Exemption Proposal
VTA-Capitol Expressway Pedestrian Improvements	Construct pedestrian improvements between Eastridge Transit Center and neighboring businesses and residents, which includes: at-grade crossing at an existing signal across Capitol Expressway at Loop Drive, wide sidewalk and pedestrian amenities along the east side of Capitol Expressway where no sidewalk currently exists between Loop Drive and Tully Road, and median fence along Capitol Expressway to prevent jaywalking.	\$198,000	\$1,547,200	<b>Policy 32.C.</b> Requires that projects must have a completed and approved environmental plan. VTA proposes to complete the environmental review and the project within 2 years of award.
San Jose Bay Area Bike Share (BABS) System Expansion	Expand BABS in San Jose by deploying one medium-sized station (11 bikes, 19 docks) and one large-sized station (13 bikes, 23 docks).	\$256,238	\$366,055	<b>Policy 7.</b> Limits operating costs to two years. VTA proposes to fund five years of operating costs to meet the cost-effectiveness threshold of \$500,000/ton.
San Francisco Arterial Management Project	Provide consistent signal timing, thereby reducing the number of red lights a vehicle will encounter and reduce idling time and emissions for acceleration on three corridors (Turk Street, Guerrero Street, and 16 <sup>th</sup> Street)	\$136,000	\$208,000	<b>Policy 31.</b> Requires minimum average daily traffic volume of 20,000 or average peak hour traffic volume of 2,000. Current traffic information is unavailable; however, SFCTA considers these corridors to be principal arterials.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None. TFCA CPM revenues are generated from a dedicated outside funding source and are passed through to CPMs.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Linda Hui  
Reviewed by: Karen Schkolnick

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Memorandum

To: Chairperson Haggerty and Members  
of the Mobile Source Committee

From: Jack P. Broadbent  
Executive Officer/APCO

Date: April 18, 2014

Re: Update on Transportation Fund for Clean Air (TFCA) Regional Fund Shuttle and  
Ridesharing Incentive Program

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RECOMMENDED ACTIONS

Informational item only, receive and file.

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 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 and the Spare the Air 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.

Over time, shuttle projects have become increasingly challenging to fund given a number of factors affecting project eligibility. Staff will provide the Committee with an informational update about the TFCA Regional Fund Shuttle and Ridesharing Incentive Program and a summary of the process to explore options for it in future funding cycles.

DISCUSSION

Shuttle and Ridesharing are two of 11 eligible project categories permitted in HSC section 44241. The Air District's Regional Fund began providing funding for shuttle and ridesharing projects in 1992 and has over time provided more than \$36 million to shuttle and \$16 million to ridesharing projects. For the past five years, the Air District allocated approximately \$4 million in TFCA Regional Funds annually to shuttle and rideshare projects.

The TFCA Regional Fund provides funding for shuttle and rideshare projects that achieve emission reductions from eliminated single-occupant vehicle (SOV) commute trips. To accomplish this, the Air District analyzes the estimated trips eliminated for each project using a methodology that assesses a combination of ridership and survey data. In cases where the data is unavailable or is insufficient, Air District default values are employed to calculate emissions reductions.

### *Program Issues and Challenges*

The impetus of the Shuttle and Ridesharing Incentive Program was to provide the first and last mile connection to transit and to increase overall transit ridership in the Bay Area. However, over time, reduction in funding to public transportation has led transit agencies to use these funds for shuttle projects that are increasingly difficult to differentiate from transit service.

Additionally, shuttle projects have become increasingly challenging to fund given a number of factors affecting project eligibility. The following is a listing of current program issues:

- As engines become cleaner over time (due to changes in Air Resources Board regulations and changes in emissions standards), the “baseline” of emissions reduced has fallen making it more difficult for projects to qualify for funding. As the baseline vehicle “gets cleaner,” fewer emissions are reduced by the reduction in SOV trips that are eliminated by shuttle and rideshare projects, which makes the projects less cost-effective. For example: *updates in emission factors over the past two years have resulted in the same project being 50 % less cost-effective, on average.*
- The program was intended to provide funding to projects that reduce emissions by increasing the number of new shuttle and rideshare users; however, over time, the majority of funding has gone to existing shuttle services.
- Survey data is obtained by the individual project sponsors and the quality of data is not consistent among projects. A process would need to be developed in order to standardize survey methodology and/or use Air District defaults consistently among all projects.
- The current program criteria and application process favor existing projects. A different process would need to be developed to be pilot-friendly given that new projects have no existing data and would likely need several years to mature and develop strong ridership.
- The current evaluation methodology only evaluates the emissions that are reduced where a shuttle service is provided. A different methodology would need to be developed in order to be able to evaluate emissions reduced along the entire route of passenger travel (e.g., if a passenger takes a shuttle in San Ramon but their origin was Fresno, taking into account all of the emissions that are reduced from Fresno to San Ramon, rather than just from San Ramon.)
- The current program criteria and evaluation methodology favor projects that are located in highly urban areas.
- The current program criteria and evaluation methodology are inadequate for differentiating between “first and last mile connection” and transit service.



*Outreach and Next Steps*

Staff has been taking steps to re-examine the TFCA Shuttle and Rideshare Incentive Program in order to ensure that funds are being spent in a manner that maximizes emissions reductions and benefits to the region. Staff plans to continue to workshop ideas while also providing adequate time to phase in any option that would redirect funds from projects that are currently funded. On May 23, 2013, staff proposed a number of concepts for consideration to modify the Shuttle and Ridesharing Incentive Program going forward. Since then, Air District staff held five workshops (October 8 & 13, 2013, January 29 and February 25 & 26, 2014) to gather input from stakeholders on the concepts.

Table 1 lists ideas that have emerged for consideration for the use of TFCA Regional Funds:

**Table 1: Considerations for Future Funding Cycles**

<b>I. Ideas for continuing to fund shuttle and rideshare projects:</b>	
<b>A.</b>	Raise the cost-effectiveness threshold for shuttle and rideshare projects in order to continue to provide funding to shuttle and rideshare projects.
<b>B.</b>	Require that shuttle projects be sponsored by transit agencies and/or Congestion Management Agencies/County Program Managers to ensure that projects implemented are consistent with local priorities.
<b>II. Ideas for changing and/or discontinuing program:</b>	
<b>A.*</b>	Allocate funds to other eligible projects types such as electric and hybrid-electric transit and shuttle buses.
<b>B.*</b>	Continue to provide funding for rideshare incentive programs to support the Commuter Benefits Program and discontinue funding shuttle projects.

\* Implementation of these ideas might include a phase-out period for project sponsors that have relied on TFCA Regional Funds. Also, any proposed changes to future funding cycles would apply only to the Regional Fund. Funding for shuttle services and ridesharing could still be offered locally via the TFCA County Program Manager Fund.

Additional meetings to workshop ideas and to gather input from stakeholders are tentatively scheduled for the April/May 2014 timeframe. Staff will be exploring options, will continue to meet with stakeholders through summer 2014, and will be returning to the Committee later this year to present findings and a recommendation.

BUDGET CONSIDERATION / FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent  
Executive Officer/APCO

Prepared by: Linda Hui, Avra Goldman, and Patrick Wenzinger

Reviewed by: Karen Schkolnick

**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: April 10, 2013

Re: Fiscal Year Ending (FYE) 2015 Transportation Fund for Clean Air (TFCA)  
Funding Allocations

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RECOMMENDED ACTIONS:

Recommend Board of Directors:

1. Allocate \$18.8 million in its Transportation Fund for Clean Air (TFCA) funding to the projects and programs listed in Table 1;
2. Authorize the Executive Officer/APCO to enter into funding agreements and contracts up to \$100,000 for projects and programs listed in Table 1;
3. Accept up to \$500,000 in Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP) funding from the California Energy Commission (CEC) for electric vehicle charging projects; and
4. Authorize the Executive Officer/APCO to execute all contracts necessary to accept, appropriate, and expend CEC ARFVTP monies.

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. The Air District has allocated these funds to its TFCA to fund eligible projects. The statutory authority for the TFCA and requirements of the program are set forth in California Health and Safety Code Sections 44241 and 44242.

Sixty percent of TFCA funds are awarded directly by the Air District. Portions of this funding are allocated by the Air District's Board of Directors (Board) for projects and programs implemented directly by the Air District, including the Spare the Air program and Enhanced Mobile Source Enforcement. For the remainder of the funding received (referred to as the TFCA Regional Fund program), the Board adopts policies and evaluation criteria that govern expenditure of funding that is awarded on a competitive basis. TFCA funds are focused on eligible project categories that significantly reduce criteria pollutants and greenhouse gases

including trip/vehicle reduction projects (i.e., bicycle parking and lanes, shuttles and ridesharing) and alternative fuels-based vehicle projects (i.e., electric, natural gas).

As part of its efforts to reduce emissions from mobile sources, the Air District is recommending that for FYE 2015 \$19.3 million in funds consisting of \$18.8 million in TFCA funds and \$500,000 in CEC ARFVTP funds to be allocated to the projects and programs listed in Table 1.

Additionally, staff will also discuss the process that it will undertake this year to prepare recommendations for Board consideration to govern the allocation of FYE 2015 TFCA Regional Fund Program monies and to award additional TFCA designated and undesignated reserve funds.

## DISCUSSION

Based on the availability of the funding described above, staff analyzed a number of different scenarios and determined that a portfolio approach targeting a number of different emissions reductions strategies was most consistent with prior Board policy and would yield the best results. In developing the portfolio, staff also evaluated programs and projects that were most successful and that should be continued into the FYE 2015 cycle and/or expanded with additional funding. Therefore, staff is recommending the programs and dollar allocations in Table 1 (graphically represented in Figure 1):

**Table 1 - Proposed Allocation of TFCA and CEC Revenue for FYE 2015\***

<b>Program/Project</b>	<b>CEC ARFVTP Funding (in Millions)</b>	<b>TFCA Funding From Prior Years (in Millions)</b>	<b>New FYE 2015 Funding (in Millions)</b>	<b>Total Funds Available in FYE 2015 (in Millions)</b>
Shuttle and Ridesharing			\$4	<b>\$4</b>
Bicycle Electronic Lockers and Racks		\$0.5	\$0.4	<b>\$0.9</b>
Plug-in Electric Vehicles and Infrastructure	<b>\$0.5</b>	\$6**		<b>\$6.5</b>
On Road Trucks		\$2***	\$3	<b>\$5</b>
Spare the Air			\$1.4	<b>\$1.4</b>
Enhanced Mobile Source Enforcement			\$1.5	<b>\$1.5</b>
<b>Total Funding Allocation:</b>	<b>\$0.5</b>	<b>\$8.5</b>	<b>\$10.3</b>	<b>19.3</b>

\*Does not include TFCA County Program Manager funds

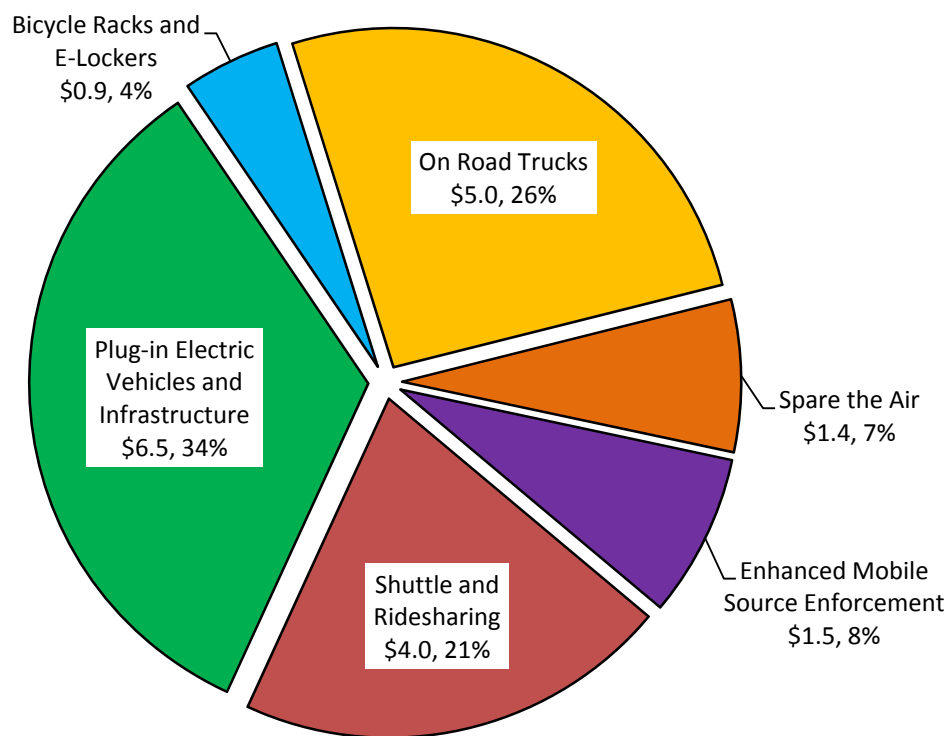
\*\*Funding set aside for Plan Bay Area

\*\*\*Funding set aside in Strategic Reserve in FYE 2014

Additionally, staff is recommending that \$1.7 million in new TFCA funding be placed in a strategic undesignated reserve which will offer flexibility and additional support to the project categories listed above in Table 1 (if necessary) and/or which may be recommended for Board consideration later in FYE 2015 in the event that additional high impact emissions reductions opportunities arise.

Figure 1, below illustrates the complete breakdown of the \$19.3 million available for allocation in FYE 2015:

**Figure 1-Proposed Allocation of TFCA and CEC Revenue for FYE 2015\***



*\*Does not include TFCA County Program Manager funds and \$1.7 million in undesignated reserves*

A detailed explanation of each of the proposed allocations in Table 1 is as follows:

***TFCA Regional Fund Program:***

Staff is proposing that up to \$9.9 million in TFCA funding be allocated through the FYE 2015 TFCA Regional Fund Program to the three categories listed below with funds being awarded to projects on a competitive basis within each category:

- ***Shuttle and Ridesharing Program - \$4 million:*** The Air District has provided funding to projects that implement regional ridesharing and shuttle services since 1992. For the past six months staff has been conducting a program review that includes open discussion meetings

with program stakeholders to solicit their feedback on options for program modification and/or discontinuation. Staff anticipates completing this process this summer and returning with recommended options for the Mobile Source Committee's consideration later this year. While this review process is underway, staff proposes that \$4 million in TFCA FYE 2015 funds be allocated to the Shuttle and Ridesharing Program.

- ***Electronic Bike-locker (E-Locker) Program - Up to \$0.9 million:*** This Regional Fund program provides local public agencies with access to grant funding for the purchase and installation of new E-Lockers. The program's goal is to cost effectively reduce motor vehicle emissions by expanding availability of new bicycle parking facilities in the nine-county Bay Area. Previously, \$400,000 in TFCA funds were set aside for the E-locker Program and as of March 31, 2014, the program is oversubscribed. For FYE 2015, staff proposes to combine the sources of funding for bicycle e-locker and bicycle rack projects and use this flexibility to ensure that there is sufficient funding to meet demand for both project types.
- ***On Road Trucks Program - \$5 million:*** This program will augment funds awarded by the Air Resources Board (ARB) for the Year 4 Goods Movement Program. While there is a possibility additional ARB funding may become available later in the implementation process, there still will not be enough funding to replace all the trucks that applied. In order to replace more trucks, the Board approved on March 7, 2014 the allocation of \$5 million from the TFCA Regional Fund to replace on-road, Bay Area registered trucks that applied for funding under the Year 4 solicitation, and meet the Goods Movement Program requirements.

Policies and evaluation criteria for the TFCA Regional Fund Program FYE 2015 cycle are currently under development and will be brought to the Mobile Source Committee for consideration in May 2014.

#### ***Air District Programs:***

Staff is also proposing an allocation of \$9.4 million in TFCA and CEC funding to Air District operated programs and projects described below:

- ***Plug-in Electric Vehicle (PEV) and Infrastructure Program - \$6.5 million:***  
The Bay Area region leads the state and nation in terms of the per capita purchase of PEVs. Additionally, PEVs and their continued adoption are a significant component of the Air District's and MTC's strategy for criteria pollutant and greenhouse gas emissions reduction. For FYE 2015 staff recommends a targeted investment of \$6 million using previously reserved funds that were set aside for the Metropolitan Transportation Commission's Plan Bay Area and \$500,000 in ARFVTP funds that are scheduled to be awarded to the Air District from the CEC. Funding for the PEV and Infrastructure Program will be used to support recent initiatives to increase the visibility of electric vehicles via their deployment in public agencies and to continue to provide a push towards mass adoption by supporting the PEV market.

These initiatives include the following categories:

- ***PEV Rebates for Public Agencies:*** Funding will be used to help public agencies within the Air District's jurisdiction green their fleets by acquiring new battery electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV) at a reduced cost. The first cycle of the Air District's PEV Rebate Program opened on April 3, 2014 and all public agencies within the Air District's jurisdiction are eligible to apply for rebate funding, in the form of vouchers, for the purchase and lease of new light-duty BEVs and PHEVs. Staff is currently exploring options to expand the program to provide also funding for the acquisition of PEV motorcycles and medium- and heavy-duty vehicles. Funding would be used to augment the previous allocation of \$2 million in FYE 2014 to this project category.
- ***DC Fast Charge Electric Vehicle Infrastructure Incentives:*** Funding will be used to support the deployment of a regional electric vehicle charging "safety net" and expand PEV range based by providing incentives for the accelerated deployment of DC fast charger at key locations along transportation corridors.

In addition to the Air District's funding, the CEC recently issued a Notice of Proposed Awards which will provide an additional \$500,000 to the Air District for its Bay Area Corridor Charging Expansion project. This project will provide funding, match by Air District funding, to install ten DC fast and co-locate twelve level 2 charging stations in strategic areas located throughout the Bay Area Region including the San Francisco Airport and the cities of Fremont, Sunol, Alameda, and Rohnert Park.

Staff proposes to use remaining funds from the prior year \$1 million allocation and to modify the program in order to allow additional funding to be awarded to eligible projects. In order to do so, staff proposes to increase the maximum project useful life up to four years from two years in order to maintain the same the cost-effectiveness as was previously approved (\$500,000 per ton of emissions reduced). This change would likely increase the amount of funding that could be provided to projects to \$25,000-\$35,000 up from \$10,000 to \$20,000.

- ***The Bicycle Rack Voucher Project (BRVP):*** This streamlined voucher-based program provides local public agencies with access to discounted or no-cost bicycle rack equipment. The BRVP's goal is to cost effectively reduce motor vehicle emissions by expanding availability of new bicycle parking facilities in the nine-county Bay Area. Previously, \$600,000 in TFCA funds were set aside for the BRVP and as of March 31, 2014, approximately \$500,000 remains. Given that the Regional fund E-Locker program was oversubscribed in FYE 2014, staff proposes to combine the sources of funding (up to \$0.9 million in FYE 2015) for bicycle e-locker and rack projects and use this flexibility to ensure that there is sufficient funding to meet demand for both project types.
- ***Spare the Air Program - \$1.4 million:*** The "Spare the Air" program continues to be the Air District's flagship public outreach tool for the summer ozone season. Funding provided under this program goes to advertising, media and educational activities that reduce vehicle miles traveled (VMT) emissions by behavior modification.

- **Enhanced Mobile Source Enforcement Project - \$1.5 million:** Funding under this program helps to enhance Air District patrols for smoking vehicles and offsets the cost of drayage truck regulation enforcement at the Port of Oakland and will be used to implement the new Commuter Benefits Program.

**Administration**

Per Board direction on December 16, 2009, it is proposed that the Executive Officer/APCO continue to approve Grant Agreements with individual grant award amounts up to \$100,000. TFCA projects with grant award amounts over \$100,000 will continue to be brought to the Committee for consideration at least on a quarterly basis.

**TFCA Cost-Effectiveness**

Per the direction of the Board, projects must achieve a cost-effectiveness (C/E) of at most \$90,000 per ton of total of emissions reduced, unless a different value is specified for that project type. C/E is based on the ratio of TFCA funds provided divided by the sum total tons of reactive organic gases (ROG), oxides of nitrogen (NOx), and weighted particulate matter 10 microns in diameter and smaller (PM10) reduced (\$/ton).

Recommendations for C/E criteria for the Regional Fund projects will be brought to the Board for consideration in May 2014. For the Air District sponsored programs, staff recommends maintaining the same C/E levels that were approved by the Board for FYE 2014 with certain modifications to the maximum Project-Useful-Life (PUL). Table 2 below summarizes the recommended C/E levels for each of the proposed Air District sponsored projects and programs:

**Table 2 - Proposed C/E for Air District Sponsored Projects and Programs**

C/E (per ton of emissions reduced)	Projects and Programs	PUL	Note
\$90,000	Bicycle Rack Voucher Program	10 Years	No Change
\$450,000	PEV Rebates for Public Agencies	3 Years	No Change
\$250,000	Electric Vehicle Infrastructure Projects (DC and Level 2)	4 Years	Changed to allow PUL of up to 4 years (from 2) to maximize funding to projects (dollars per charger).
\$90,000	Spare the Air Program	1 Year	No Change
\$90,000	Enhanced Mobile Source Enforcement Project	1 Year	No Change
\$250,000	PEV Rebates for Bay Area Residents and Business Fleets (Reserved)	3 Years	Changed to 3 years (from 2) to make consistent with ARB's Rebate program



BUDGET CONSIDERATION / FINANCIAL IMPACT:

None. The Air District distributes “pass-through” funds to grantees on a reimbursement basis. Administrative costs for the TFCA Regional Fund program are provided by the funding source.

Respectfully submitted,

Jack P. Broadbent  
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