

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

APPROVED MINUTES

Summary of Board of Directors
Mobile Source Committee Meeting
Thursday, September 25, 2014

1. Call to Order – Roll Call

Mobile Source Committee (Committee) Chairperson Scott Haggerty called the meeting to order at 9:49 a.m.

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

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

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

2. Public Comment Period: No requests received.

3. Approval of Minutes of May 22, 2014

Committee Comments: None.

Public Comments: No requests received.

Committee Action:

Director Hudson made a motion, seconded by Director Kniss, to approve the Minutes of May 22, 2014; and the motion carried by the following vote of the Committee:

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

NOES: None.

ABSTAIN: None.

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

4. Projects and Contracts with Proposed Grant Awards Over \$100,000

Damian Breen, Deputy Air Pollution Control Officer, introduced Adam Shapiro, Administrative Analyst of Strategic Incentives, who gave the staff presentation *Projects with Proposed Awards over \$100,000 & Transportation Fund for Clean Air (TFCA) Waiver Requests*, including brief overviews of the Carl Moyer, Mobile Source Incentive Fund (MSIF) and TFCA programs; a summary of Carl Moyer Program (CMP) Year 16; detailings of the CMP, MSIF and Voucher Incentive Program (VIP) funds awarded as of September 8, 2014; CMP, MSIF and VIP funds awarded years 11 through 16; a summary of TFCA Fiscal Year Ending (FYE) 2014; TFCA funds available and awarded as of September 8, 2014, organized by County; TFCA County Program Manager (CPM) waivers; and recommendations.

Committee Comments:

The Committee and staff discussed whether episodic sites are considered to be highly impacted communities.

Committee Action:

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

1. Approve CMP and TFCA projects with proposed grant awards over \$100,000;
2. Authorize the Executive Officer/Air Pollution Control Officer to enter into agreements for the projects; and
3. Approve policy waivers to allow Santa Clara Valley Transportation Authority (SCVTA) and Alameda County Transportation Commission (ACTC) to use FYE 2015 TFCA CPM Funds for bicycle sharing projects and to allow ACTC to use FYE 2014 TFCA CPM Funds to fund a shuttle project for the second year at a cost-effectiveness that aligns with the TFCA Regional Fund.

Committee Comments (continued):

The Committee and staff discussed the SCVTA bicycle sharing project waiver and anticipated bicycle sharing program regional expansions.

Public Comments: No requests received.

Committee Action (continued):

The motion carried by the following vote of the Committee:

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

NOES: None.

ABSTAIN: None.

ABSENT: Bates, Groom, Klatt and Piepho.

5. Update on Hydrogen Station Infrastructure and Vehicles

Mr. Breen introduced Tyson Eckerle, Zero Emission Vehicle (ZEV) Infrastructure Project Manager, Governor's Office of Business and Economic Development, who gave the initial presentation *Hydrogen Fuel Cell Electric Vehicles (FCEV) in the Bay Area*, through slide 4, *The Bay Area is Crucial*, including a summary of Governor Brown's related executive order; the reasoning behind deployment of FCEVs and hydrogen use; and the importance of Bay Area participation.

Mr. Eckerle introduced Catherine Dunwoody, Chief, Fuel Cell Program, California Air Resources Board, who gave the continued presentation through slide 10, *Progress to Plan*, including related driving changes; FCEV market launch 2014-2015; fuel cell buses in service; the June 2014 Assembly Bill (AB) 8 report findings; and projected FCEV growth.

Ms. Dunwoody introduced Jim McKinney, Program Manager, Alternative and Renewable Fuel and Vehicle Technology Program, California Energy Commission, who gave the remainder of the presentation, including Alternative and Renewable Fuel and Vehicle Technology Program AB 118 overview and funding summary for 2009 through 2014; and Northern California public hydrogen stations site map and associated funding for each site.

The Committee and Mr. McKinney discussed, at slide 14, *Northern CA Public Hydrogen Stations*, the State program funding allocation process; deployment plans in the Tri-Valley region; if and how hydrogen pumps are or will be added to existing gasoline dispensing facilities and whether they will be instead of or in addition to new standalone facilities; and the possible future prioritization of siting in the Tri-Valley region.

Mr. McKinney concluded the presentation.

Committee Comments:

The Committee, presenters and staff discussed a comparison of gasoline and hydrogen, including end-user cost, fuel mileage and vehicle range; estimated vehicle pricing; cost comparison of hydrogen and plug-in electric vehicles (PEV); the viability of a national program; long-term market projections for hydrogen vehicle costs; and hydrogen vehicles as one of many components in the varied fleet of the future.

Public Comments: No requests received.

Committee Action: None; receive and file.

6. Update on PEV and Infrastructure Program

Mr. Breen introduced Karen Schkolnick, Air Quality Program Manager of Strategic Incentives, who gave the staff presentation *Update on the Plug-in Electric Vehicle and Infrastructure Program*, including background; Bay Area plug-in electric vehicle adoption rate and target statistics; State and Air District incentives from 2014 through 2016; Air District incentives awarded to date; education and outreach; and next steps.

Committee Comments:

The Committee and staff discussed infrastructure development outreach efforts by Air District staff; retail cost of chargers; end user payment requirements and equipment capabilities; amount of and allowed uses for reimbursements offered by the Air District; the reasoning for the reimbursement approach; efforts at achieving parity in expansion of the fleet and development of the infrastructure; the need to increase access to technology to all economic groups; impacts of State programs; practicality of the ZEV program for consumers; viability of program goals in light of population projections relative to motor vehicle use and the resulting congestion; whether a program can be developed that ties together incentives for PEV and solar panel installation; a suggestion to focus on mobility corridors when siting chargers; the vehicle charge times for various charger types; the need for a robust and varied infrastructure plan to accommodate many vehicle uses, not just commuting; the expectation that technological advancements will present solutions to some of the long-term infrastructure challenges; the advisability of expanding the variables considered when generating site map plans and convening a public workshop to discuss user concerns early in the process.

Public Comments: No requests received.

Committee Action: None; receive and file.

7. Committee Member Comments: None.

8. Time and Place of Next Meeting:

Thursday, October 23, 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 11:12 a.m.

151 Sean Gallagher

Sean Gallagher
Clerk of the Boards