

BOARD MEETING DATE: March 1, 2019

AGENDA NO. 27

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a meeting on Friday, February 15, 2019. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Joe Buscaino, Chair
Technology Committee

MMM:pmk

Committee Members

Present: Council Member Joe Buscaino/Chair (videoconference, arrived at 12:04 p.m.)
Supervisor Janice Hahn (videoconference)
Mayor Judith Mitchell
Supervisor V. Manuel Perez (videoconference)
Council Member Dwight Robinson

Absent: Mayor Pro Tem Larry McCallon

Call to Order

Mayor Mitchell called the meeting to order at 12:03 p.m. as Chair Joe Buscaino had not yet arrived.

ACTION ITEMS:

1. **Adopt Resolution Recognizing Funds and Accepting Terms and Conditions for FY 2018-19 Carl Moyer Program Award, Issue Program Announcements for Carl Moyer Program and SOON Provision, and Transfer Funds for Voucher Incentive Program**

These actions are to adopt a Resolution recognizing up to \$31 million in Carl Moyer Program grant funds from CARB under SB 1107 with its terms and conditions for FY 2018-19 and issue Program Announcements for “Year 21” of the Carl Moyer Program and SOON Provision to provide incentive funding for zero and low emitting on- and off-road vehicles and equipment. Funding for the Carl Moyer and

SOON projects will be provided from the Carl Moyer Program SB 1107, AB 923 and other funds that may become available for projects eligible under the Carl Moyer Program. This action is to also transfer \$3 million from the Carl Moyer Program AB 923 Special Revenue Fund (80) to the Voucher Incentive Program Fund (59) to continue funding truck replacement projects on a first-come, first-served basis.

Council Member Buscaino joined the meeting at 12:04 p.m.

Mayor Mitchell commented that she does not have a financial interest, but is required to identify for the record that she is a Board Member of CARB which is involved in this item.

Mayor Mitchell inquired about unused funds, evaluation criteria, and scrapping requirements. Staff explained unused funds can result from projects that fall through, as well as unused funds from other air districts, which are used to fund additional projects. Staff explained basic eligibility criteria and project ranking based on cost effectiveness, the need to scrap the existing vehicles, as well as inclusion of terms for any potential labor violations. Staff further indicated the ongoing efforts with CARB staff to allow a trade-down transaction whereby the 2010-compliant truck can be re-used by another fleet willing to scrap an older vehicle.

Based on an inquiry by Supervisor Hahn about outreach provided to owners of small fleets and the timeline to scrap an existing vehicle, staff explained the extensive outreach conducted on an annual basis for the Carl Moyer, Voucher Incentive Program (VIP) that specifically focuses on small fleets, and more recently the AB 617 community meetings. Specific outreach consists of workshops, brochures, eblasts and other correspondence, including outreach to small fleets. Staff also provides specific contacts and assistance in completing the application, and contracts with over 20 dealerships to further assist small fleets with completing their applications. The timeline is 18 months from execution of the contract to deploy the new vehicle.

Supervisor Hahn suggested that the incentive programs should also consider inductive charging for a dedicated zero emission truck and vehicle lane on the 710 freeway project. Staff explained electric trucks and inductive charging systems are not yet commercially available, as required by the program, but staff will continue to monitor the progress of this technology.

Council Member Robinson asked if the Carl Moyer Program precludes funding a vehicle at the 0.2g NOx level, and staff explained that the Carl Moyer program calls for funding technology that achieves emission reductions beyond current requirements, and that zero and near-zero emission vehicles are eligible. However, small fleets can qualify to purchase a 0.2g truck under the VIP.

Supervisor Perez inquired about the outreach efforts in the Coachella Valley. Staff explained workshops are scheduled for April 17 at the Coachella Valley Mosquito & Vector Control District. Information was also presented at AB 617 community meetings. Staff reaches out to Farm Bureaus and other businesses in the region, and consultants in the Coachella Valley conduct additional outreach. Supervisor Perez also asked if SunLine Transit Agency has previously applied, and staff explained we have and continue to work with SunLine Transit, especially regarding fuel cell buses and hydrogen infrastructure.

Moved by Mitchell; seconded by Robinson; unanimously approved.

Ayes: Buscaino, Hahn, Mitchell, Perez and Robinson
Noes: None
Absent: McCallon

2. Recognize Funds, Execute and Amend Agreements for Installation and Maintenance of Air Filtration Systems, and Reimburse General Fund for Administrative Costs

U.S. EPA is executing a Supplemental Environmental Project (SEP) agreement and has asked SCAQMD to act as the SEP Implementer to install and maintain air filtration systems at schools. This action is to recognize up to \$161,352 into the Air Filtration Fund (75). These actions are to also execute agreements to install and maintain air filtration systems in an amount not to exceed \$153,284; execute or amend access agreement with a local school district; amend contracts to purchase additional filters using unspent administrative funds; and reimburse the General Fund for administrative costs up to \$8,068 for SEP administration.

Moved by Hahn; seconded by Mitchell; unanimously approved.

Ayes: Buscaino, Hahn, Mitchell, Perez and Robinson
Noes: None
Absent: McCallon

3. **Approve and Adopt Technology Advancement Office Clean Fuels Program 2018 Annual Report and 2019 Plan Update and Resolution, Receive and File Revised Membership of Technology Advancement Advisory Group, and Approve and Adopt Membership Changes for Clean Fuels Advisory Group**
Each year by March 31, SCAQMD must submit to the California Legislative Analyst an approved Annual Report for the past year and a Plan Update for the current calendar year. Staff has reviewed the Clean Fuels Program with the Clean Fuels Advisory Group, the Technology Advancement Advisory Group and other technical experts. Additionally, the 2019 Clean Fuels Program Draft Plan Update was presented to the Technology Committee for review and comment at its October 19, 2018 meeting. This action is to approve and adopt the final Technology Advancement Clean Fuels Program Annual Report for 2018 and 2019 Plan Update as well as the Resolution finding that proposed projects do not duplicate any past or present programs. This action is to also receive and file revised membership of the Technology Advancement Advisory Group and approve and adopt membership changes to the SB 98 Clean Fuels Advisory Group.

Based on an inquiry from Council Member Robinson about participation of public utilities on the advisory groups, staff informed the committee that SoCalGas, the Los Angeles Department of Water & Power, and Southern California Edison are part of the advisory committees, and additional local entities are able to participate in the advisory retreats.

Council Member Robinson expressed concern about large-scale implementation of zero emission vehicles, especially electric infrastructure. He stated that the subsequent Clean Fuels Fund Plan should further emphasize infrastructure, including battery swap out. Staff explained that existing projects include battery storage, electric vehicle supply equipment (EVSE) and demand management related research.

Supervisor Hahn supported investigating roadway induction charging technology.

Mayor Mitchell asked how staff knows that the projects are not duplicative. Staff indicated that SCAQMD's projects are typically technology forcing, well ahead of projects conducted elsewhere.

Council Member Buscaino inquired about the software that may be used to ensure that duplicative projects are not done. Staff indicated that electronic files are kept on all projects, and any new proposals are vetted to ensure that duplication does not occur.

Moved by Mitchell; seconded by Robinson; unanimously approved.

Ayes: Buscaino, Hahn, Mitchell, Perez and Robinson

Noes: None

Absent: McCallon

OTHER MATTERS:

4. Other Business

There was no other business.

5. Public Comment Period

John Landherr, A-Z Bus Sales, provided comment on their relationship with Bluebird Bus and others, emphasizing availability of school buses that meet 0.02 g/bhp-hr using CNG and propane, as well as battery electric. He further emphasized the safety considerations and Altoona Testing (Federal Transit Administration's Model Bus Testing Program) done on school buses

6. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, March 15, 2019 at noon.

Adjournment

The meeting adjourned at 12:46 p.m.

Attachment

Attendance Record

ATTACHMENT

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – February 15, 2019**

Council Member Joe Buscaino (videoconference) SCAQMD Board Member
Supervisor Janice Hahn (videoconference)..... SCAQMD Board Member
Mayor Judith Mitchell SCAQMD Board Member
Supervisor V. Manuel Perez (videoconference) SCAQMD Board Member
Council Member Dwight Robinson SCAQMD Board Member

Mark AbramowitzBoard Consultant (Lyou)
Jacob HaikBoard Consultant (Buscaino)
Marisa PerezBoard Consultant (Mitchell)
Andrew SilvaBoard Consultant (Rutherford)

Brandon Bluhm A-Z Bus
John Landherr A-Z Bus
Susan Stark Marathon Petroleum
Tammy Yamasaki..... Southern California Edison
Md. Shafiqul Alam Veolia
Bridget McCann Western States Petroleum Association

Derrick Alatorre SCAQMD Staff
Naveen Berry SCAQMD Staff
Philip Crabbe SCAQMD Staff
Joseph Impullitti SCAQMD Staff
Pat Krayser SCAQMD Staff
Patricia Kwon SCAQMD Staff
Matt Miyasato..... SCAQMD Staff
Wayne Nastri SCAQMD Staff
Veronica Sosa..... SCAQMD Staff
Veera Tyagi SCAQMD Staff
Alejandra Vega..... SCAQMD Staff
Donna Vernon SCAQMD Staff
Vicki White SCAQMD Staff
Paul Wright..... SCAQMD Staff