

BOARD MEETING DATE: March 6, 2015

AGENDA NO. 24

REPORT: Technology Committee

SYNOPSIS: The Technology Committee met on February 20, 2015. Major topics included Technology Advancement items reflected in the regular Board Agenda for the March Board meeting. A summary of these topics with the Committee's comments is provided. The next Technology Committee meeting will be on March 20, 2015.

RECOMMENDED ACTION:

Receive and file.

John J. Benoit
Technology Committee Chair

MMM:pmk

Attendance: Supervisor John J. Benoit and Mayor Miguel Pulido participated by videoconference. Councilmember Judith Mitchell was in attendance at SCAQMD headquarters. Councilmember Joe Buscaino, Supervisor Janice Rutherford and Mayor Dennis Yates were absent due to a conflict with their schedule.

MARCH BOARD AGENDA ITEMS

1. **Execute and Modify Contracts for Hydrogen Station Upgrades and Related Work**

Last year, the Board approved contracts for hydrogen station upgrades in the South Coast Air Basin. While these stations are being upgraded, equipment must be taken out of service. To continue to provide hydrogen fuel to customers at stations being upgraded, CEC through PON 13-607 provided \$999,677 to develop and deploy a commercial mobile hydrogen fueler at stations going offline for the equipment upgrade transition. This action is to cofund development and demonstration of the commercial mobile hydrogen fueler up to \$200,000 from the Clean Fuels Fund (31). These actions are to also modify a previous award for Mebtahi's hydrogen station upgrade adding \$400,000 and to amend a technical assistance contract adding \$50,000 to evaluate upgraded hydrogen equipment from the Hydrogen Fueling Infrastructure Network Fund (63). Finally, temporary loans of \$201,461 and \$297,460 from the Clean Fuels Fund (31) to the Hydrogen Fueling Infrastructure

Fund (63) and Hydrogen Fueling Station Special Revenue Fund (55), respectively, are required until CEC revenue is received to implement hydrogen station upgrades and readiness efforts.

Supervisor Benoit asked about the process for amending an award. Staff responded that since this was a competitive bid and the CEC has approved the augmentation, it was appropriate to make this adjustment.

Moved by Pulido; seconded by Benoit; unanimously approved.

2. Issue Program Announcement for School Bus Replacements and Retrofits 

Since 2001, the SCAQMD has replaced over 1,400 pre-1994 school buses and retrofitted nearly 3,400 school buses. The Carl Moyer AB 923 funds can be utilized for replacement and retrofit of school buses. This action is to approve the issuance of a Program Announcement to replace pre-1994 school buses with new alternative fuel buses and to retrofit 1994 to 2006 model year school buses with particulate traps.

Councilmember Mitchell asked about the price of a new school bus and how much was funded by SCAQMD. Staff responded that the cost of a CNG bus with fire suppressant and sales tax was about \$175,000 of which we provide about 90% of the funds. Schools are required to provide \$15K per bus. Supervisor Benoit asked for the possibility of repowering the buses. Staff responded that the legislative language change has been proposed by CAPCOA, and staff is also scheduling site visits together with CARB staff to see the Complete Coach Works facility in Riverside where the refurbishment occurs.

Moved by Mitchell; seconded by Pulido; unanimously approved.

3. Adopt Resolution Recognizing Funds and Accepting Terms and Conditions for FY 2014-15 Carl Moyer Program Award, Issue Program Announcements for Carl Moyer Program and SOON Provision, and Execute and Amend Contracts



These actions are to adopt a resolution recognizing \$25,523,118 in Carl Moyer Program grant awards from CARB under SB 1107 with its terms and conditions for FY 2014-15 and to approve the release of Program Announcements for the FY 2014-15 “Year 17” Carl Moyer Program and SOON Provision to provide incentive funding for low-emitting on- and off-road vehicles and equipment. Additionally, these actions are to execute contracts in the amount of \$2,533,900 from the Carl Moyer Program SB 1107 Fund (32) and amend contracts in the amount of \$199,659 from the Carl Moyer and Proposition 1B Programs.

Moved by Mitchell; seconded by Pulido; unanimously approved.

4. Support Utility Electric Vehicle Charging Program

Southern California Edison (SCE) has applied to the California Public Utilities Commission (CPUC) to conduct a two-phase electric vehicle charging implementation and market education program “Charge Ready.” The first phase is a pilot program, which is limited in scope with the total cost to be recovered from the ratepayer and intended to provide valuable information related to further deployment of infrastructure and ratepayer benefits. The second phase would implement a much larger number of charging stations over four years based on the results from the Phase 1 Pilot Program. This action is to convey to the CPUC the SCAQMD’s support of SCE’s “Charge Ready” Phase 1 Pilot Program.

Moved by Mitchell; seconded by Pulido; unanimously approved.

5. Approve and Adopt Technology Advancement Office Clean Fuels Program Annual Report and Plan Update and Resolution and Receive and File Revised Membership of Technology Advancement Advisory Group 

Each year by March 31st, the Technology Advancement Office 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 2015 Clean Fuels Program Draft Plan Update was presented to the Board for review and comment at its December 5, 2014 meeting. This action is to approve and adopt the final Technology Advancement Office Clean Fuels Program Annual Report for 2014 and 2015 Plan Update as well as the resolution finding that proposed projects do not duplicate any past or present programs and to receive and file the revised membership of the Technology Advancement Advisory Group.

Moved by Mitchell; seconded by Pulido; unanimously approved.

6. Other Business

Supervisor Benoit mentioned he had received a press release put out by the Health Effects Institute describing a recent study on the health effects of diesel exhaust. Staff replied they were aware of the study.

7. Public Comment Period

There was no public comment.

Next Meeting: March 20, 2015

Attachment

Attendance

Attachment A – Attendance

Supervisor John J. Benoit	SCAQMD Governing Board (via VT)
Councilmember Judith Mitchell	SCAQMD Governing Board
Mayor Miguel Pulido.....	SCAQMD Governing Board (via VT)
Mark Abramowitz.....	Board Consultant (Lyou)
Buford Crites	Board Consultant (JBenoit)
Andrew Silva	Board Consultant (Rutherford)
Mark Taylor.....	Deputy Chief of Staff (Rutherford)
Peter Greenwald, Senior Policy Advisor.....	SCAQMD
Jean Ospital, Health Effects Officer.....	SCAQMD
John Olvera, Principal Deputy District Counsel	SCAQMD
Matt Miyasato, STA	SCAQMD
Henry Hogo, STA.....	SCAQMD
Fred Minassian, STA	SCAQMD
Randall Pasek, STA	SCAQMD
Dean Saito, STA	SCAQMD
Ranji George, STA	SCAQMD
Drue Hargis, STA	SCAQMD
Patricia Kwon, STA.....	SCAQMD
Lisa Mirisola, STA	SCAQMD
Sam Atwood, Media	SCAQMD
Robert Paud, IM	SCAQMD
Donna Vernon, STA	SCAQMD
Pat Krayser, STA	SCAQMD
Danielle Robinson	ARB
Matt Essex	A-Z Bus Sales, Inc.
Ed Kendzierski	A-Z Bus Sales, Inc.
Susan Stark	Tesoro
Ivan Tether.....	Tether Law