

BOARD MEETING DATE: September 4, 2015

AGENDA NO. 32

REPORT: Technology Committee

SYNOPSIS: The Technology Committee met on July 24, 2015. Major topics included Technology Advancement items reflected in the regular Board Agenda for the September Board meeting. A summary of these topics with the Committee's comments is provided. The next Technology Committee meeting will be held on September 18, 2015.

RECOMMENDED ACTION:
Receive and file.

John J. Benoit
Technology Committee Chair

MMM:pmk

Attendance: Supervisor John J. Benoit, Mayor Miguel Pulido and Supervisor Janice Rutherford participated by videoconference. Councilmember Judith Mitchell was in attendance at SCAQMD headquarters. Councilmember Joe Buscaino listened in to the meeting from a non-noticed location. Mayor Dennis Yates was absent due to a conflict with his schedule.

SEPTEMBER BOARD AGENDA ITEMS

1. Establish Residential EV Charging Incentive Pilot Program

An incentive program for residential EV charging will assist in accelerating deployment of PEVs. This action is to establish a residential EV charging incentive pilot program and authorize the Executive Officer to issue rebates to program participants in an amount not to exceed \$500,000 from the Clean Fuels Fund (31).

Supervisor Rutherford asked if there are navigators to assist the public with determining funding opportunities for the purchase of PEVs and chargers, and how the three-year commitment would work for renters. Staff responded that consumers

can visit SCAQMD's website to find out about all of the incentive programs as well as get staff contacts for the different technology areas. Regarding the three-year commitment, the equipment is the individual's property, so they can take it with them if they move within the commitment timeframe.

Supervisor Rutherford asked if there will be a specific amount set aside for low-income residents. Staff responded that there is not at this time, because there is insufficient data on the level of interest by low-income residents. However, if the program proves successful, staff will come back to the Board to establish a longer-term program with better knowledge of how much to set aside for low-income residents.

Councilmember Mitchell asked if Multi-Unit Dwellings (MUDs) would be eligible for the program. Staff responded that individuals in MUDs would be eligible, but would need to obtain whatever approvals are necessary.

Councilmember Mitchell asked how the program would handle incentives if Home Owner Associations want to install chargers for general use and not specific residents. Staff responded that we would take applications and evaluate on a case-by-case basis. However, the current focus is primarily on single-family residences.

Supervisor Rutherford asked about combining this program with the Replace Your Ride Program (part of Enhanced Fleet Modernization Program Plus-Up) to encourage greater low-income resident participation. Staff indicated that both programs will help to advertise the other so the consumer gets the best deal possible.

Moved by Pulido; seconded by Mitchell; unanimously approved.

2. Execute Contract for EV Charging Stations and Service at SCAQMD Headquarters and Release RFP for Installation

The Board previously approved the release of an RFP to upgrade and expand EV charging infrastructure at SCAQMD headquarters. Subsequently, an RFP was released for engineering design services, to prepare construction drawings for installation of electrical infrastructure and a utility meter for SCAQMD's natural gas fueling station. A contractor was selected and the drawings will serve as a blueprint for installation. This action is to: 1) execute a contract with Broadband TelCom Power, Inc. for EV hardware and control system at SCAQMD headquarters for up to \$322,425 from the Clean Fuels Fund (31); and 2) release an RFP for contractor services to install the new EV charging stations and the required electrical infrastructure at SCAQMD headquarters.

Supervisor Rutherford asked about overall cost recovery. Staff responded that the whole EV community is currently struggling with this issue, and it is not an easy question. Cost recovery may be instituted if deemed practical, or alternatively the charging stations may be part of a demand response program instead of requiring cost recovery. Staff will look at how to best manage the use of chargers so as to maintain PEV deployment incentives while minimizing administrative burdens.

Supervisor Benoit indicated that the County of Orange found it was more expensive to institute cost-recovery than the cost of the electricity for the charging stations.

Supervisor Rutherford asked how it was possible to keep people from monopolizing use of the chargers. Staff responded that a committee will establish charging policies after investigating which policies are most appropriate, and report back to the Committee.

Supervisor Benoit suggested that staff initiate a committee that includes union and management representatives to establish the appropriate policy for the agency.

Moved by Pulido; seconded by Mitchell; unanimously approved.

3. Execute Contracts for FY 2013-14 “Year 16” Carl Moyer Multidistrict Program and Transfer Funds for Multidistrict Truck Projects under Voucher Incentive Program

On May 6, 2015, proposals were received in response to the Program Announcement issued for the “Year 16” Carl Moyer Multidistrict Program. These actions are to: 1) execute contracts in an amount not to exceed \$1,380,560 from the Carl Moyer Program SB 1107 Multidistrict Fund (32); and 2) transfer \$1,469,440 from the Carl Moyer Program SB 1107 Multidistrict Fund (32) to the Voucher Incentive Program Fund (59) to fund multidistrict truck replacement projects on a first come, first served basis.

Supervisor Rutherford asked how the projects are evaluated. Staff explained that project categories have specific state guidelines and are evaluated based on their cost-effectiveness in dollars per ton of pollution removed.

Moved by Pulido; seconded by Mitchell; unanimously approved.

4. Execute Contracts to Cosponsor Sustainable Transportation Energy Pathways 2015-2018 Program 

The Sustainable Transportation Energy Pathways (STEPS) Program at the U.C. Davis Institute of Transportation Studies is continuing their multidisciplinary research consortium that brings together the world’s leading automotive manufacturers, energy companies and government agencies to understand

sustainable vehicle and energy solutions, and this item requests continued funding for 2015 through 2018. This action is to execute a contract with U.C. Davis to cosponsor the STEPS 2015-2018 Program in an amount not to exceed \$240,000 from the Clean Fuels Fund (31).

Moved by Pulido; seconded by Benoit; unanimously approved.

5. Public Comment

There was no public comment.

6. Other Business

There was no other business.

Next Meeting: September 18, 2015

Attachment

Attendance

Attachment – Attendance

Supervisor John J. Benoit (via Videoconference)	SCAQMD Governing Board
Councilmember Joe Buscaino*	SCAQMD Governing Board
Councilmember Judith Mitchell	SCAQMD Governing Board
Mayor Miguel Pulido (via Videoconference).....	SCAQMD Governing Board
Supervisor Janice Rutherford (via Videoconference)	SCAQMD Governing Board
Mark Abramowitz.....	Board Consultant (Lyou)
Buford Crites (via Videoconference)	Board Consultant (JBenoit)
Marisa Perez	Board Consultant (Mitchell)
Andrew Silva	Board Consultant (Rutherford)
Bob Ulloa.....	Board Consultant (Yates)
John Olvera, Principal Deputy District Counsel	SCAQMD
Matt Miyasato, STA	SCAQMD
Fred Minassian, STA	SCAQMD
Randall Pasek, STA	SCAQMD
Dean Saito, STA	SCAQMD
Al Baez, STA.....	SCAQMD
Drue Hargis, STA	SCAQMD
Lisa Mirisola, STA	SCAQMD
Matthew Gribble, STA	SCAQMD Student Intern
Bill Johnson, AHR.....	SCAQMD
Bruce Jacobson, AHR.....	SCAQMD
Nancy Cole, FIN.....	SCAQMD
Debra Ashby, LPA	SCAQMD
Sam Atwood, Media	SCAQMD
Paul Wright, IM.....	SCAQMD
Penny Shaw Cedillo, STA	SCAQMD
Pat Krayser, STA	SCAQMD
Danielle Robinson	CARB

*Listening only, via teleconference