BOARD MEETING DATE: December 5, 2014 AGENDA NO. 34

REPORT: Technology Committee

SYNOPSIS: The Technology Committee met on November 21, 2014. Major

topics included Technology Advancement items reflected in the regular Board Agenda for the December Board meeting. A summary of these topics with the Committee's comments is provided. The next Technology Committee meeting will be on

January 23, 2015.

RECOMMENDED ACTION:

Receive and file.

John J. Benoit Technology Committee Chair

MMM:pmk

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

DECEMBER BOARD AGENDA ITEMS

1. Recognize and Transfer Revenue and Execute Contracts to Develop and Demonstrate Fuel Cell and Plug-In Hybrid Heavy-Duty Trucks

On August 21, 2014, DOE notified SCAQMD of a \$9,725,000 award to develop and demonstrate zero emission drayage trucks under the Zero Emission Cargo Transportation II Program. Other partners are providing additional funds totaling \$4,783,979 to cost-share this project. This action is to recognize revenue upon receipt in the amount of \$14,508,979 into the Advanced Technology Goods Movement Fund (61). This action is to also transfer \$7,183,979 from the Clean Fuels Fund (31), which includes SCAQMD's cost-share of \$2,400,000 and \$4,783,979 as a temporary loan, to the Advanced Technology Goods Movement Fund (61) and to execute contracts for the development and demonstration of zero emission drayage trucks.

Supervisor Benoit asked about the remaining \$275,000 from the \$10 Million solicitation. Staff responded it is being paid directly to NREL for data collection.

Moved by Yates; seconded by Benoit; unanimously approved.

2. Renew SCAQMD's Membership in CaFCP for Calendar Year 2015, Provide Office Space for CaFCP, and Receive and File California Fuel Cell Partnership Executive Board Meeting Agenda and Quarterly Updates

The SCAQMD has been a member of the California Fuel Cell Partnership (CaFCP) since March 2000. This action is to renew SCAQMD's membership in the CaFCP in an amount not to exceed \$87,800 for calendar year 2015 and cofund 50 percent of the CaFCP Regional Coordinator position located at SCAQMD, in addition to office space and utilities, in an amount not to exceed \$50,000 from the Clean Fuels Fund (31). Further actions are to continue providing in-kind office space and utilities for CaFCP employees in 2015 in an effort to educate the public and increase CaFCP's presence in Southern California. Finally, this action is to receive and file the CaFCP Executive Board Meeting Agenda and Quarterly Updates.

Moved by Yates; seconded by Mitchell; unanimously approved.

3. Recognize, Transfer and Appropriate Funds, and Execute Contracts to Implement Enhanced Fleet Modernization Program

On July 11, 2014, the Board approved release of an RFP to implement the AB 118 Enhanced Fleet Modernization Program (EFMP). The program focuses on providing greater incentives to eligible low- and middle-income owners of older vehicles to scrap their existing vehicle and receive a voucher to either help acquire a newer vehicle or cover the cost for transit passes or participation in car-sharing programs. Six proposals were received by the closing date of the RFP. These actions are to: 1) recognize upon receipt up to \$2.4 million for implementation of the EFMP and authorize Executive Officer to accept grant terms and conditions; 2) execute contracts in an amount not to exceed \$625,000 from the HEROS II Special Revenue Fund (56); 3) transfer and appropriate \$70,000 from the HEROS II Special Revenue Fund (56) to Science & Technology Advancement's FY 2014-15 or FY 2015-16 Budget to assist in implementing the EFMP; and 4) authorize the Executive Officer to approve vouchers to qualified program participants up to \$3,330,000.

Mayor Yates asked whether the replacement vehicle has to be a new vehicle. Staff indicated that it can also be an eight year old or newer vehicle. In addition, many of the advanced technology vehicles are coming off of their lease period and will be available in the used car market. Mayor Mitchell indicated that there is anticipation that there will be a secondary market for these cleaner vehicles. Mayor Yates

commented that the participants are lower income residents who may not be able to afford the advanced technology vehicles. Mayor Mitchell indicated that many of the people live in multi-unit dwelling and may not have access to charging. A higher fuel efficient vehicle such as a conventional hybrid may be more affordable and the voucher amounts will help with the cost of these vehicles.

Mayor Yates asked where we will find people to participate in the program. Staff indicated that the focus of the proposed funding is to determine what outreach approaches will be effective in encouraging participation. Each of the four proposed awardees provided unique approaches to outreach low-income residents and outreaching residents living in disadvantaged communities. Mayor Yates asked if there will be a website. Staff indicated that there will be.

Mayor Mitchell asked if there is a requirement to have 25% of the funding go to disadvantaged communities since the funding comes from the Greenhouse Gas Reduction Fund. Staff indicated that all of the funding will go to residents living in disadvantaged communities. Supervisor Benoit commented that he indicated to staff that there needs to be a resource where potential participants can determine quickly if they live in a disadvantaged community. Staff will be developing such a resource as part of the program.

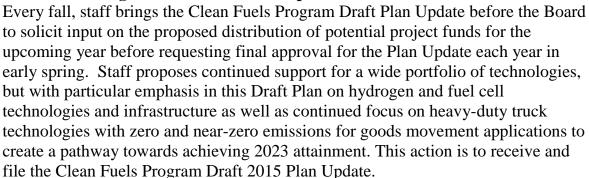
Moved by Yates; seconded by Mitchell; unanimously approved.

4. Issue RFP to Upgrade, Operate and Maintain Fast-Fill CNG Fueling Station at SCAQMD Headquarters, Amend Contract and Transfer and Appropriate Funds

The SCAQMD has owned and operated a fast-fill public access CNG fueling station at Headquarters since January 2003, contracting out maintenance and management functions of the station to an outside contractor. At this time, to ensure continued reliable CNG dispensing capability to meet current and anticipated future needs of SCAQMD's natural gas fleet and the public, the station equipment requires upgrades. Additionally, staff proposes an independent contractor own, operate and maintain the station. This action is to issue an RFP to solicit competitive bids for an independent contractor to lease SCAQMD property and to own, upgrade, operate and maintain the station. In addition, this action is to amend a contract with Trillium CNG to add \$50,000 from the Fast-Fill CNG Fueling Station Enterprise Fund (71) to continue the maintenance and management of SCAQMD's existing fast-fill CNG fueling station until a new contractor is under contract.

Moved by Yates; seconded by Benoit; unanimously approved.

5. Clean Fuels Program Draft 2015 Plan Update



This was a receive and file item.

6. Other Business

Reclassify Director Position to Assistant Deputy Executive Officer Position in Science and Technology Advancement

The Executive Officer is proposing to reclassify the Designated Deputy position of Director of Technology Advancement to an Assistant Deputy Executive Officer classification to reflect the expanded duties and responsibilities for the position within the Office of Science and Technology Advancement. This action will result in an annual cost increase of approximately \$10,000. Sufficient funding for this annual cost increase exists in the FY 2014-15 Budget.

Moved by Yates; seconded by Mitchell; unanimously approved.

Any member of the committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification; may 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 may take action to direct staff to place a matter of business on a future agenda. (Govt Code Section 54954.2)

7. Public Comment Period

There was no public comment.

Next Meeting: January 23, 2015

Attachment

Attendance

Attachment A – Attendance

Supervisor John J. Benoit	
Mayor Judith Mitchell	SCAQMD Governing Board
Mayor Dennis Yates	SCAQMD Governing Board
Mark Abramowitz	Board Consultant (Lyou)
Buford Crites	Board Consultant (JBenoit)
Bob Ulloa	Board Consultant (Yates)
Chung Liu	Board Consultant (Mitchell)
John Olvera, Principal Deputy District Counsel	SCAQMD
Matt Miyasato, STA	SCAQMD
Henry Hogo, STA	SCAQMD
Fred Minassian, STA	SCAQMD
Dean Saito, STA	SCAQMD
Phil Barroca, STA	SCAQMD
Lori Berard, STA	SCAQMD
Brian Choe, STA	SCAQMD
Drue Hargis, STA	SCAQMD
Lisa Mirisola, STA	SCAQMD
Bill Johnson, AHR	SCAQMD
Nancy Cole, FIN	SCAQMD
Sam Atwood, Media	SCAQMD
Robert Paud, IM	SCAQMD
Penny Shaw Cedillo, STA	SCAQMD
Danielle Robinson	ARB
Susan Stark	Tesoro
Oscar Abarca	TSC-Top Shelf Consulting