

BOARD MEETING DATE: June 5, 2015

AGENDA NO. 23

REPORT: Technology Committee

SYNOPSIS: The Technology Committee met on May 15, 2015. Major topics included Technology Advancement items reflected in the regular Board Agenda for the June Board meeting. A summary of these topics with the Committee's comments is provided. The next Technology Committee meeting will be held on June 19, 2015.

RECOMMENDED ACTION:  
Receive and file.

John J. Benoit  
Technology Committee Chair

MMM:psc

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

#### **JUNE BOARD AGENDA ITEMS**

**1. Issue RFP to Sell Equipment Dismantled under SCAQMD Incentive Programs to Generate Revenue for Additional Incentive Projects and Execute Contract under SOON Provision**

The SCAQMD incentives program includes dismantling of on-road trucks as well as repowering of off-road construction equipment. A) The first proposal is to release an RFP to identify qualified dismantlers to sell the dismantled equipment, with a percentage of the sale proceeds returned to SCAQMD to fund additional incentive projects. B) The second action is to execute a contract under the SOON Provision in the amount of \$2,540,779 from the Carl Moyer Program SB 1107 Fund (32).

*Councilmember Buscaino asked about the amount and percentage of funds that would be generated. Staff estimates that 75% of the funds will come to the SCAQMD, and depending on the number of proposals received, this would generate approximately two hundred thousand dollars a year. Councilmember Buscaino also asked if this would affect public school districts. Staff responded that it would not and schools could continue with their current process. Staff committed to inquire with the Los Angeles Unified School District to determine if this will negatively impact the school district.*

*Supervisor Benoit suggested that the synopsis be written in such a way that the two action items are shown as two separate parts since they are different subjects. Staff will edit the synopsis by separating the action items as parts A and B.*

*Moved by Buscaino; seconded by Yates; unanimously approved.*

**2. Execute Contracts to Develop and Demonstrate Class 8 Plug-In Hybrid Electric Drayage Trucks and Amend Contract to Integrate On-Board Chargers **

On October 5, 2012, the Board approved \$958,120 for Vision Industries and \$925,000 for Balqon to develop and demonstrate zero emission drayage trucks as part of a DOE-funded zero emission cargo transport demonstration project. Since then, Vision Industries has filed for bankruptcy and ceased operation and Balqon has notified the SCAQMD of their decision to withdraw from the project leaving \$1,883,120 of the DOE funds available for reallocation. This action is to execute contracts, pending approval by the DOE, with Transportation Power Inc. and US Hybrid to develop and demonstrate Class 8 plug-in hybrid electric drayage trucks. This action is to also amend a contract with US Hybrid to add on-board chargers in their battery electric drayage trucks. The total amount of awards shall not exceed \$2,153,446, comprised of \$1,883,120 from the DOE funds recognized in the Advanced Technology Goods Movement Fund (61) and \$270,326 from the Clean Fuels Fund (31).

*Councilmember Buscaino inquired about the reasons for Balqon to withdraw from their project, which was to develop and demonstrate three battery electric drayage trucks. Staff responded that Balqon cited limited resources to continue with this project. Councilmember Buscaino also asked if the information gained from these development projects could be shared to assist other technology developers. Staff responded SCAQMD could share non-proprietary information.*

*Moved by Yates; seconded by Mitchell; unanimously approved.*

**3. California Fuel Cell Partnership Executive Board Meeting Notes and Quarterly Update**

This report summarizes the California Fuel Cell Partnership Executive Board meeting held April 14, 2015 and provides quarterly updates for the periods beginning October 2014 and January 2015. This was reviewed by the Technology Committee on May 15, 2015.

*Staff commented that there is a 5-minute video of SCAQMD's Hydrogen Station Dedication posted on SCAQMD's YouTube account entitled, Hydrogen Clean Fuel Clean Air at <https://www.youtube.com/watch?v=iGA6o6JdESA&feature=youtu.be>.*

*This is a receive and file item.*

**4. Other Business**

*There was no other business.*

**5. Public Comment Period**

*There was no public comment.*

**Next Meeting: June 19, 2015**

**Attachment**

Attendance

**Attachment – Attendance**

Supervisor John J. Benoit.....SCAQMD Governing Board (via VT)  
Councilmember Joe Buscaino .....SCAQMD Governing Board (via VT)  
Councilmember Judith Mitchell.....SCAQMD Governing Board (via VT)  
Mayor Dennis Yates .....SCAQMD Governing Board  
Buford Crites .....Board Consultant (JBenoit) (via VT)  
Marisa Perez .....Board Consultant (Mitchell)  
Bob Ulloa .....Board Consultant (Yates)  
Ruby Fernandez, District Counsel .....SCAQMD  
Matt Miyasato, STA .....SCAQMD  
Henry Hogo, STA.....SCAQMD  
Fred Minassian, STA.....SCAQMD  
Laki Tisopulos, STA .....SCAQMD  
Randall Pasek, STA.....SCAQMD  
Dean Saito, STA.....SCAQMD  
Brian Choe, STA .....SCAQMD  
Lisa Mirisola, STA.....SCAQMD  
Vicki White, STA.....SCAQMD  
Walter Shen, STA.....SCAQMD  
Robert Paud, IM .....SCAQMD  
Donna Vernon, STA.....SCAQMD  
Penny Shaw Cedillo, STA.....SCAQMD  
Pat Krayser, STA.....SCAQMD  
Danielle Robinson .....CARB