

BOARD MEETING DATE: September 4, 2015

AGENDA NO. 33

REPORT: Special Technology Committee

SYNOPSIS: The Special Meeting of the Technology Committee was held on August 14, 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.

Dennis R. Yates, Acting Chair
Technology Committee

MMM:pmk

Attendance: Supervisor John J. Benoit requested that Mayor Yates chair the meeting on his behalf due to technical difficulties resulting in Supervisor Benoit's participation via teleconference. Councilmember Joe Buscaino, Councilmember Judith Mitchell and Supervisor Janice Rutherford participated by videoconference. Mayor Miguel Pulido and Mayor Dennis Yates were in attendance at SCAQMD headquarters.

SEPTEMBER BOARD AGENDA ITEMS

1. Execute Contract for Tier 4 Passenger Locomotives

At its February 1, 2013, and February 7, 2014 meetings, the Board approved awards to the Southern California Regional Rail Authority (SCRRA) in the amount of \$52 million for the replacement of 20 passenger locomotives with new Tier 4 locomotives over a four-year period. Under the "Year 16" Carl Moyer Program Announcement, SCRRA submitted a new proposal requesting \$58.85 million for the replacement of an additional 17 and the purchase of 3 new Tier 4 passenger locomotives. Staff has completed the evaluation of the project and confirmed its

eligibility with CARB staff. This action is to execute a contract with SCRRA in an amount not to exceed \$22.85 million from the Carl Moyer Program AB 823 Fund (80). The remaining \$36 million requested by SCRRA will be considered over four phases in future Board requests.

Mayor Pulido asked if it would still be possible to approve the project if SB 513 amending the Carl Moyer Program passed. Staff responded that funding of the project will actually become easier, since leveraging of the Caltrans funds with the Moyer funds on the same locomotives will be possible.

Supervisor Rutherford asked about the state of other technologies that can achieve lower emissions than Tier 4. Staff responded that several options such as LNG, fuel cell, and battery or fuel cell tender cars are being looked at, and SCAQMD is exploring any possibilities for future demonstration and commercialization of these technologies.

Councilman Buscaino asked if Tier 4 technology will be available for freight locomotives. Staff responded that GE has a Tier 4 product and the other major locomotive manufacturer will have a product in 2017. Funding may be provided both from the Carl Moyer and the Proposition 1B Programs.

Moved by Pulido; seconded by Benoit; unanimously approved.

2. Public Comment

Board Consultant Mark Abramowitz asked on behalf of Board Member Joe Lyou how the remaining \$36 million will be provided. Staff responded that staff will ask the Board's approval for \$9 million a year for four years from the AB 923 funds, which generate about \$24 million a year until January 1, 2024.

Next Meeting: September 18, 2015

Attachment
Attendance

Attachment – Attendance

Supervisor John J. Benoit (audio) SCAQMD Governing Board
Councilmember Joe Buscaino (via videoconference) SCAQMD Governing Board
Councilmember Judith Mitchell (via videoconference) SCAQMD Governing Board
Mayor Miguel Pulido SCAQMD Governing Board
Supervisor Janice Rutherford (via videoconference) SCAQMD Governing Board
Mayor Dennis Yates SCAQMD Governing Board
Mark Abramowitz Board Consultant (Lyou)
Bob Ulloa Board Consultant (Yates)
John Olvera, Principal Deputy District Counsel SCAQMD
Henry Hogo, STA SCAQMD
Fred Minassian, STA SCAQMD
Laki Tisopulos, STA SCAQMD
Drue Hargis, STA SCAQMD
Mike O’Kelly, FIN SCAQMD
Robert Paud, IM SCAQMD
Penny Shaw Cedillo, STA SCAQMD
Pat Krayser, STA SCAQMD
Danielle Robinson CARB
Anna L. Rice SCRRA