

BOARD MEETING DATE: June 5, 2026

AGENDA NO. 26

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a hybrid meeting on Friday, May 15, 2026. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Carlos Rodriguez,
Committee Chair
Technology Committee

AK:psc

Call to Order

Committee Chair Carlos Rodriguez called the meeting to order at 12:00 p.m.

Roll Call

Committee Members

Present: Mayor Carlos Rodriguez, Committee Chair
Supervisor Curt Hagman
Mayor Patricia Lock Dawson
Vice Chair Larry McCallon
Supervisor Janet Nguyen
Board Member Veronica Padilla-Campos

For additional details of the Technology Committee Meeting, please refer to the [Website](#).

ACTION ITEMS:

1. Vote About Whether to Allow Non-Elected Committee Members to Participate Remotely Without Using the Traditional Brown Act Requirements Pursuant to SB 707

Sheri Hanizavareh, Principal Deputy District Counsel, Legal, presented on Senate Bill 707, which significantly amends and modifies key provisions of the Ralph M.

Brown Act. SB 707 is intended to increase participation in public meetings. This action is to conduct a vote on whether to allow Non-Elected Committee Members to participate remotely without using the traditional Brown Act requirements pursuant to SB 707. For additional details, please refer to the [Webcast](#) beginning at 3:25.

(Mayor Lock Dawson joined the meeting during the discussion for this item.)

Moved by Hagman; seconded by McCallon; unanimously approved.

Ayes: Hagman, McCallon, Nguyen, Padilla-Campos, Rodriguez

Noes: None

Abstain: Lock Dawson

Absent: None

This item was taken out of order.

6. Execute Contracts to Implement INVEST CLEAN Program

David Chen, Program Supervisor, Technology Advancement Office, presented on the U.S. EPA awarded South Coast AQMD a Climate Pollution Reduction Grant of nearly \$500 million for the Infrastructure, Vehicles, and Equipment Strategy for Climate, Equity, Air Quality, and National Competitiveness (INVEST CLEAN). In June and August 2025, an RFP for battery electric locomotives and three Program Announcements (PAs), for charging infrastructure, heavy-duty trucks, and cargo handling equipment were released and subsequently closed in December 2025 and January 2026. Projects have been evaluated and eligible projects were selected based on completeness and criteria detailed in the RFP and PAs, with additional consideration of the grant funds' geographical distribution. This action is to execute contracts from the U.S. EPA Climate Pollution Reduction Grant Special Revenue Fund (90) to implement INVEST CLEAN in the amount not to exceed \$249,797,891, including up to \$38,397,891 for charging infrastructure deployment, \$20,600,000 for battery electric cargo handling equipment, and \$190,800,000 for battery electric locomotives. For additional details, please refer to the [Webcast](#) beginning at 18:00.

Supervisor Hagman stated that he did not have a financial interest but is required to identify for the record that he is a Supervisor for the County of San Bernardino, which is involved in this item. Supervisor Nguyen also stated that she has no financial interest but is required to identify for the record that she is a Supervisor for the County of Orange, which is involved in this item.

Supervisor Nguyen expressed gratitude toward staff for the collaboration with Orange County. For additional details, please refer to the [Webcast](#) beginning at 8:35.

Supervisor Hagman inquired about the timeline for these projects in respect to deployment and utility upgrades and requested quarterly reporting on progress. For additional details, please refer to the [Webcast](#) beginning at 12:56.

Vice Chair McCallon noted that there were six entities awarded for locomotives and expressed surprise at the level of public interest in locomotive funding and expressed gratitude for the inclusion of San Bernardino National Airport Authority under the program. For additional details, please refer to the [Webcast](#) beginning at 14:42.

Mayor Lock Dawson commented on the Governor's Office recent release of a billion-dollar package for rebates of Heavy-Duty Vehicles and expressed gratitude to Aaron Katzenstein for going to the City of Riverside to attend the signing with Lohti, Finland. For additional details, please refer to the [Webcast](#) beginning at 15:42.

Board Member Padilla-Campos inquired if there is another round or how many additional rounds of awards will be made and what the timeline for expending the funds is. For additional details, please refer to the [Webcast](#) beginning at 16:38.

Committee Chair Rodriguez highlighted the emission reductions anticipated to be achieved and wanted to ensure that the information is shared with the governing board. For additional details, please refer to the [Webcast](#) beginning at 17:26.

Martin Yarnall, Alameda Belt Line, expressed his gratitude for being chosen as a recipient of INVEST CLEAN. For additional details, please refer to the [Webcast](#) beginning at 25:11.

Lupe Valdez, Union Pacific Railroad, expressed their gratitude for receiving a recommended award. For additional details, please refer to the [Webcast](#) beginning at 27:02.

Harvey Eder, Public Solar Power Coalition, expressed concern regarding whether the process was open to the public for equitable and just input. For additional details, please refer to the [Webcast](#) beginning at 28:02.

Ranji George, member of public, expressed disappointment that INVEST CLEAN programs do not offer incentives for hydrogen technology. For additional details, please refer to the [Webcast](#) beginning at 30:21.

Tom Mack, member of public, inquired why a significant award was being awarded to an entity that either did not have current operations or will not have future operations. For additional details, please refer to the [Webcast](#) beginning at 33:40.

Committee Chair Rodriguez followed up on public comments with an inquiry regarding staff's perspective on the scope of INVEST CLEAN and hydrogen technology. For additional details, please refer to the [Webcast](#) beginning at 36:30.

Moved by Hagman; seconded by McCallon; unanimously approved.

Ayes: Lock Dawson, Hagman, McCallon, Nguyen, Padilla-Campos, Rodriguez
Noes: None
Abstain: None
Absent: None

2. Adopt Resolution and Accept Terms and Conditions, Execute Agreement, Recognize Revenue, Transfer Funds, and Reimburse General Fund to Deploy Zero-Emission Municipal Vehicles

Fan Xu, Planning & Rules Manager, Technology Advancement Office, presented on the Transportation Electrification Advancement for Municipalities (TEAM) project to deploy zero-emission municipal vehicles in the South Coast AQMD region under CARB's Advanced Technology Demonstration and Pilot Projects program. The TEAM project is a deployment initiative to address the unique challenges municipalities face in electrifying their fleets. These actions are to: 1) adopt a Resolution and accept grant terms and conditions for TEAM per CARB's Advanced Technology Demonstration and Pilot Projects program solicitation; 2) authorize the Executive Officer to execute and amend the agreement with CARB for TEAM; 3) recognize, upon receipt, up to \$35,110,390 from CARB into the GHG Reduction Projects Special Revenue Fund (67); 4) Transfer up to \$10,565,000 from the Clean Fuels Program Fund (31) into the GHG Reduction Projects Special Revenue Fund (67) for cost share; and 5) reimburse the General Fund of up to \$2,449,315 for administrative costs to implement TEAM from the GHG Reduction Projects Special Revenue Fund (67). For additional details, please refer to the [Webcast](#) beginning at 39:47.

Mayor Lock Dawson stated that she does not have a financial interest but is required to identify for the record that she is a Board Member of CARB, which is involved in this item.

Supervisor Nguyen expressed gratitude toward staff for the collaboration with Orange County during the development of the TEAM grant program. For additional details, please refer to the [Webcast](#) beginning at 45:19.

Board Member Padilla Campos also voiced support for the project, emphasizing the importance of municipalities demonstrating the use of zero-emission vehicles to the public. Board Member Padilla Campos also asked how the funding allocation process for cities and counties would work, specifically whether participation would

be handled on a first-come, first-served basis. For additional details, please refer to the [Webcast](#) beginning at 46:29.

Moved by Hagman; seconded by Lock Dawson; unanimously approved.

Ayes: Lock Dawson, Hagman, McCallon, Nguyen, Padilla-Campos, Rodriguez

Noes: None

Abstain: None

Absent: None

3. Execute Contract to Evaluate Emissions from Hydrogen-Fueled Internal Combustion Engines

Sam Cao, Planning & Rules Manager, Technology Advancement Office, presented on how the Hydrogen-fueled internal combustion engines represent a lower emission alternative to conventional engines and may play an important role in reducing emissions from the transportation sector. Key advantages of hydrogen engine technology include having mechanical similarity to traditional engines, high efficiency, potential to support hydrogen market growth, and ability to reduce criteria pollutants and greenhouse gas emissions. The University of California, Riverside's Center for Environmental Research and Technology (UCR/CE-CERT), together with the Sacramento Metropolitan Air Quality Management District, and PHINIA, Inc. have proposed a comprehensive research project to evaluate emissions from a prototype hydrogen engine vehicle under both laboratory and real-world operating conditions. This action is to execute a contract with UCR/CE-CERT, in an amount not to exceed \$122,000, from the Clean Fuels Program Fund (31) to evaluate the emissions profile of the hydrogen-fueled internal combustion engine vehicle. For additional details, please refer to the [Webcast](#) beginning at 49:11.

Vice Chair McCallon stated that he looked forward to reviewing the testing results to better understand how hydrogen performs in an internal combustion engine and what emissions are associated with its operation. For additional details, please refer to the [Webcast](#) beginning at 52:36.

Mayor Lock Dawson noted that hydrogen fueled engines had been discussed at CARB and that, while CARB has attempted to remain technology-agnostic with respect to zero- and low-emissions vehicles, hydrogen fueled engines have not been a primary focus. For additional details, please refer to the [Webcast](#) beginning at 52:54.

Mr. Eder commented that hydrogen fuel should be produced using solar energy. For additional details, please refer to the [Webcast](#) beginning at 54:49.

Supervisor Hagman noted that the cost of green hydrogen remains an obstacle for this technology and asked whether South Coast AQMD is exploring ways to support green hydrogen production. For additional details, please refer to the [Webcast](#) beginning at 55:32.

Moved by Hagman; seconded by McCallon; unanimously approved.

Ayes: Lock Dawson, Hagman, McCallon, Nguyen, Padilla-Campos, Rodriguez
Noes: None
Abstain: None
Absent: None

4. Execute Contracts to Develop and Demonstrate Two Repowered Class 6/7 Medium-Duty Battery Electric Trucks

Sam Cao, Planning & Rules Manager, Technology Advancement Office, presented on how medium-duty trucks are well suited to a broad range of vocational applications and are increasingly transitioning to zero-emission (ZE) technologies. Although several new Class 6/7 ZE truck options are commercially available there is growing demand for a lower-cost alternative. Repowered battery-electric vehicle options can provide a lower-cost alternative compared to original equipment manufacturer ZE trucks. This action seeks authorization to execute a contract with Evolectric, Inc. to develop and demonstrate two repowered Class 6/7 battery electric trucks for refrigeration and high-power utility applications, in an amount not to exceed \$791,674 from the Clean Fuels Program Fund (31). For additional details, please refer to the [Webcast](#) beginning at 59:22.

(Supervisor Hagman left the meeting during the discussion for this item.)

Vice Chair McCallon expressed interest in reviewing the results of the project. For additional details, please refer to the [Webcast](#) beginning at 1:03:42.

Committee Chair Rodriguez expressed his support for the project and noted that reducing costs would help support broader adoption of the technology. For additional details, please refer to the [Webcast](#) beginning at 1:04:15.

Moved by McCallon; seconded by Lock Dawson; unanimously approved.

Ayes: Lock Dawson, McCallon, Nguyen, Padilla-Campos, Rodriguez
Noes: None
Abstain: None
Absent: Hagman

5. Execute Contracts to Deploy Supporting Infrastructure for Zero-Emission Trucks

Tom Lee, Planning & Rules Manager, Technology Advancement Office, presented on the California State Transportation Agency (CalSTA) award under the 2022 Port and Freight Infrastructure Program (PFIP), of which \$35,372,904 was to demonstrate a short-line hydrogen fuel cell locomotive with Wabtec Corporation, and \$40,877,099 was to deploy direct current fast chargers and hydrogen refueling dispensers for heavy-duty trucks with Prologis Mobility, LLC. Recently, Prologis Mobility, LLC. withdrew their projects awarded under this grant and staff has worked with CalSTA to move these funds to other freight infrastructure projects that the South Coast AQMD has received under several program announcements. This action is to execute contracts with Greenlane Infrastructure LLC., Pilot Travel Centers LLC., Zeem Solutions, Long Beach Depot LLC., KRD Logistics, Inc., and Tesla, Inc. to install charging and hydrogen fueling infrastructure, for a total of up to \$38,931,000, from the CalSTA Special Revenue Fund (89), upon CalSTA's final approval. For additional details, please refer to the [Webcast](#) beginning at 1:05:06.

Councilmember McCallon expressed that 17 million dollars for three charging stations for Greenlane appeared expensive. For additional details, please refer to the [Webcast](#) beginning at 1:11:08.

Board Member Padilla-Campos inquired if Interstate 5 near Burbank was ever considered for a project. For additional details, please refer to the [Webcast](#) beginning at 1:12:06.

Moved by McCallon; seconded by Lock Dawson; unanimously approved.

Ayes: Lock Dawson, McCallon, Nguyen, Padilla-Campos, Rodriguez
Noes: None
Abstain: None
Absent: Hagman

INFORMATIONAL ITEM:

7. Presentation on the small drayage fleet undergoing electrification highlighting the ownership experience, hurdles, and future outlook.

Jennie Abarca, King Fio Trucking, presented on her experiences with converting her fleet to battery-electric trucks. For additional details, please refer to the [Webcast](#) beginning at 1:13:33.

Committee Chair Rodriguez commended Abarca on her effort in transitioning to zero emission and inquired about the hurdles King Fio is facing due to transitioning her fleet to zero-emission vehicles and resources that are needed to assist in the

fleet's transition. For additional details, please refer to the [Webcast](#) beginning at 1:23:01.

Both Mayor Lock Dawson and Board Member Padilla-Campus expressed their gratitude for taking the time to present to the Committee and share King Fio's journey to zero emission. For additional details, please refer to the [Webcast](#) beginning at 1:23:19.

OTHER MATTERS:

8. Other Business

No Other business.

9. Public Comment Period

Mr. Eder commented on the cost of electric fuels. For additional details, please refer to the [Webcast](#) beginning at 1:33:44.

Mr. George commented on hydrogen ICE engines. or additional details, please refer to the [Webcast](#) beginning at 1:37:03.

10. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, June 26, 2026, at 12:00 p.m.

Adjournment

The meeting adjourned at 1:40 p.m.

Attachment

Attendance Record

ATTACHMENT

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – May 15, 2026**

Mayor Carlos RodriguezSouth Coast AQMD Board Member
Supervisor Curt HagmanSouth Coast AQMD Board Member
Mayor Patricia Lock Dawson South Coast AQMD Board Member
Councilmember Larry McCallon South Coast AQMD Board Member
Supervisor Janet Nguyen South Coast AQMD Board Member
Board Member Veronica Padilla-Campos South Coast AQMD Board Member

Jennie AbarcaKing Fio Trucking
Jeff BrunsonPublic Member
Mark ConollyPublic Member
Harvey EderPublic Solar Power Coalition
Ranji GeorgePublic Member
Tim GonsalvesPublic Member
Harold HolmesPublic Member
Tom MackPublic Member
Jessica MendozaPublic Member
Matt MiyasatoPublic Member
Bob NicksinPublic Member
Freda RiojaPublic Member
Ramine RossPublic Member
Fernando Ochoa ServinPublic Member
Tara TisopulosPublic Member
Lupe ValdezUnion Pacific Railroad
David YangPublic Member
Jacquelyn ZamotaPublic Member

Debra Ashby South Coast AQMD Staff
Luisa BautistaSouth Coast AQMD Staff
Lara Brown South Coast AQMD Staff
Cindy Bustillos South Coast AQMD Staff
Sam CaoSouth Coast AQMD Staff
Penny Shaw CedilloSouth Coast AQMD Staff
David ChenSouth Coast AQMD Staff
Carlos GonzalezSouth Coast AQMD Staff
Dé GroeneveldSouth Coast AQMD Staff
Alex HanSouth Coast AQMD Staff
Sheri HanizavarehSouth Coast AQMD Staff
Justin JoeSouth Coast AQMD Staff
Anissa Cessa Heard-JohnsonSouth Coast AQMD Staff
Aaron KatzensteinSouth Coast AQMD Staff

Angela Kim South Coast AQMD Staff
Howard Lee South Coast AQMD Staff
Tom Lee South Coast AQMD Staff
Alicia Lizarraga South Coast AQMD Staff
Hay Lo South Coast AQMD Staff
Joseph Lopat South Coast AQMD Staff
Brisa Lopez South Coast AQMD Staff
Terrence Mann South Coast AQMD Staff
Krystle Martinez South Coast AQMD Staff
Ian MacMillan South Coast AQMD Staff
Ghislain Muberwa South Coast AQMD Staff
Wayne Nastri South Coast AQMD Staff
Vasileios Papapostolou South Coast AQMD Staff
Cynthia Ravenstein South Coast AQMD Staff
Sarah Rees South Coast AQMD Staff
Kristin Remy South Coast AQMD Staff
Elaine Shen South Coast AQMD Staff
Lisa Tanaka South Coast AQMD Staff
Mei Wang South Coast AQMD Staff
Fan Xu South Coast AQMD Staff