

BOARD MEETING DATE: May 1, 2026

AGENDA NO. 25

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a hybrid meeting on Friday, April 17, 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
Mayor Patricia Lock Dawson
Vice Chair Larry McCallon
Supervisor Janet Nguyen
Board Member Veronica Padilla-Campos

Absent: Supervisor Curt Hagman

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

ACTION ITEMS:

1. Execute Contract to Deploy Zero-Emission Ship Assist Tugboats

Sam Cao, Program Supervisor, Technology Advancement Office, presented on the California State Transportation Agency (CalSTA) project under the 2022 Port and Freight Infrastructure Program to demonstrate a short-line hydrogen fuel cell locomotive and deploy direct current fast chargers and hydrogen refueling dispensers for heavy-duty trucks. The Board previously established the CalSTA Special Revenue Fund (89) to receive the funds and execute a contract with Wabtec Corporation (Wabtec). Since then, Wabtec withdrew from the project and South Coast AQMD staff subsequently received a proposal from Arc Boat Company Inc. (Arc) to deploy four zero-emission (ZE) battery electric ship assist tugboats at the San Pedro Bay Ports. CalSTA approved the scope change for the tugboats in February 2026. This action is to execute a contract with Arc for up to \$33,688,480 from the CalSTA Special Revenue Fund (89) to deploy four ZE tugboats, upon receipt of CalSTA’s final award document. For additional details, please refer to the [Webcast](#) beginning at 3:29.

Committee Chair Rodriguez commented that the emissions reductions are very substantial, equivalent to taking over 110,000 cars off the road. The Chair also commented that this project is substantial both in terms of pollution reduction and overall investment. For additional details, please refer to the [Webcast](#) beginning at 7:33.

Moved by McCallon; seconded by Padilla-Campos; unanimously approved.

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

2. Execute Contract to Develop and Demonstrate Plug-In Hybrid Heavy-Duty Refuse Truck

Alyssa Yan, Program Supervisor, Technology Advancement Office, presented on the FY 2025-26 Climate Heat Impact Response Program (CHIRP) to request funds in the amount of \$6,225,395. CHIRP provides funding for projects eligible under the Carl Moyer or Community Air Protection Incentives Guidelines. This action is to adopt a resolution and recognize \$6,225,395 for CHIRP into the Carl Moyer Program Fund (32) and to reimburse the General Fund from the Carl Moyer Program Fund (32) for CHIRP administrative costs in an amount not to exceed \$778,174. For additional details, please refer to the [Webcast](#) beginning at 8:50.

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 the California Air Resources Board, which is involved in this item.

Harvey Eder, Public Solar Power Coalition, commented about the importance of regulatory impacts, recent events and initiatives, and the need for faster action on emerging technologies. For additional details, please refer to the [Webcast](#) beginning at 12:15.

Committee Chair Rodriguez asked whether the \$6.2M funding would help advance any pending requests and whether certain technologies (like DC fast charging or others) were more commonly used or prioritized. For additional details, please refer to the [Webcast](#) beginning at 16:23.

Moved by Padilla-Campos; seconded by McCallon; unanimously approved.

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

3. Execute Contract to Develop and Demonstrate Plug-In Hybrid Heavy-Duty Refuse Truck

Ian MacMillan, Assistant Deputy Executive Office, Planning, Rule Development & Implementation Office, presented on the Warehouse Actions and Investments to Reduce Emissions (WAIRE) Mitigation Program to provide incentive funding using mitigation fees collected under Rule 2305 – Warehouse Indirect Source Rule. The development of a Grant Management System for this program is necessary to receive and process applications for proposed funding projects upon Program Announcement approval by the Board. This action is to transfer and appropriate up to \$275,000 from the administrative portion of the WAIRE Mitigation Special Revenue Fund (86) into Information Management’s FY 2025-2026 and/or FY 2026-27 Budget, Services and Supplies and/or Capital Outlays Major Objects for development of WAIRE Mitigation Program Grant Management System. For additional details, please refer to the [Webcast](#) beginning at 18:00.

(Supervisor Nguyen joined the meeting during the discussion for this item.)

Board Member Padilla-Campos, Councilmember McCallon, and Committee Chair Rodriguez asked clarifying questions about the Grant Management System, program applicability, and the 6.25% administrative fee. For additional details, please refer to the [Webcast](#) beginning at 22:04.

Committee Chair Rodriguez and Supervisor Nguyen advocated for an additional public workshop prior to the Program Announcement. For additional details, please refer to the [Webcast](#) beginning at 23:20.

Mr. Ranji. George provided public comment recommending 50 percent of funds be allocated towards hydrogen fuel cell technologies and expressed support for additional public engagement. For additional details, please refer to the [Webcast](#) beginning at 30:31.

Moved by Padilla-Campos; seconded by McCallon; unanimously approved.

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

INFORMATIONAL ITEM:

4. Presentation on PCC Hydrogen Inc. on Cost-Effective Hydrogen Production for Use in Transportation and Power Generation from Ethanol

Timothy Fogarty, PCC Hydrogen, Inc., presented on cost-effective hydrogen production for use in transportation and power generation from ethanol. For additional details, please refer to the [Webcast](#) beginning at 33:30.

Councilmember McCallon asked whether PCC Hydrogen had engaged with the San Bernardino County Transportation Authority. For additional details, please refer to the [Webcast](#) beginning at 50:14.

Mr. George noted that hydrogen can be produced from several sources and commented that ethanol may be a practical compromise. For additional details, please refer to the [Webcast](#) beginning at 51:38.

Committee Chair Rodriguez asked whether the technology has been implemented outside Indiana and about possible barriers PCC Hydrogen anticipates. For additional details, please refer to the [Webcast](#) beginning at 53:49.

Mayor Lock Dawson asked about PCC Hydrogen's work in Riverside. For additional details, please refer to the [Webcast](#) beginning at 1.00:33.

OTHER MATTERS:

5. Other Business

No Other business.

6. Public Comment Period

Mr. George commented on the price of hydrogen and ethanol. For additional details, please refer to the [Webcast](#) beginning at 1:00:33.

Mr. Eder commented on the cost of technologies. For additional details, please refer to the [Webcast](#) beginning at 1:08:28.

7. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, May 15, 2026, at noon.

Adjournment

The meeting adjourned at 1:12 p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING Attendance Record – April 17, 2026

Mayor Carlos Rodriguez	South 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
Tom Gross	Board Consultant/Assistant (Lock Dawson)
Erin Sheehy	Board Consultant/Assistant (Rodriguez)
Leny Chang	Public Member
Kady Cooper	Shell Oil, Inc.
Harvey Eder	Public Solar Power Coalition
Timothy Fogarty	PCC Hydrogen, Inc.
Ranji George	Public Member
Regina Hsu	EarthJustice
Matt Miyasato	Public Member
Dylan Plautz	Public Member
Wes Reutimann	Public Member
Nadar Shenkar	Shell Hydrogen
Takao Suzuki	Sukuzi Motor
Debra Ashby	South Coast AQMD Staff
Luisa Bautista	South Coast AQMD Staff
Cindy Bustillos	South Coast AQMD Staff
Sam Cao	South Coast AQMD Staff
Penny Shaw Cedillo	South Coast AQMD Staff
Xin Chen	South Coast AQMD Staff
Phillip Crabbe III	South Coast AQMD Staff
Carlos Gonzalez	South Coast AQMD Staff
Dé Groeneveld	South Coast AQMD Staff
Darren Ha	South Coast AQMD Staff
Alex Han	South Coast AQMD Staff
Sheri Hanizavareh	South Coast AQMD Staff
Anissa Cessa Heard-Johnson	South Coast AQMD Staff
Aaron Katzenstein	South Coast AQMD Staff
Angela Kim	South Coast AQMD Staff
Eugene King	South Coast AQMD Staff
David Lam	South Coast AQMD Staff
Howard Lee	South Coast AQMD Staff
Tom Lee	South Coast AQMD Staff

Brisa Lopez South Coast AQMD Staff
Christina Lopez South Coast AQMD Staff
Ian MacMillan South Coast AQMD Staff
Ghislain Muberwa South Coast AQMD Staff
Susan Nakamura South Coast AQMD Staff
Wayne Natri 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
Lisa Tanaka South Coast AQMD Staff
Brian Tomasovic South Coast AQMD Staff
Mei Wang South Coast AQMD Staff
Nim Wong South Coast AQMD Staff
Fan Xu South Coast AQMD Staff
Alyssa Yan South Coast AQMD Staff