BOARD MEETING DATE: November 6, 2026 AGENDA NO. 27

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a hybrid meeting on Friday, October 16, 2026. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Carlos Rodriguez,
Committee Chair
Technology Committee

AK:kr

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
Vice Chair Larry McCallon
Supervisor Curt Hagman
Mayor Patricia Lock Dawson
Supervisor Janet Nguyen
Absent: Board Member Veronica Padilla-Campos

For additional details of the Technology Committee Meeting, please refer to the Webcast.

ACTION ITEM:

1. **Issue Program Announcement for Emergency Generator Replacement Incentive Program and Transfer Funds for Development of Grant Management System**

Alyssa Yan, Program Supervisor, presented on staff's proposal for a Program Announcement for an incentive program for replacement of Emergency Generators. Ms. Yan explained that in May 2026, the Board recognized an award of $6,225,395 from the CARB FY 2025-26 Climate Heat Impact Response Program (CHIRP) for the replacement of uncontrolled, Tier 1 and Tier 2 diesel generators with the cleanest available technologies under the Carl Moyer and Community Air Protection Incentives Guidelines. This action is to: 1) issue and, if necessary, re-issue a Program Announcement (PA) to solicit applications for the Emergency Generator Replacement; 2) execute agreements with the selected applicants for eligible projects from Carl Moyer Program SB 1107 Fund (32); and 3) transfer and appropriate up to $60,000 from Fund (32) into Information Management's FY 2026-27 Budget, Services and Supplies and/or Capital Outlays Major Objects to support the development of the Grant Management System. For additional details, please refer to the Webcast beginning at 4:50.

Supervisor Hagman commented that government organizations are often one of the bigger users for backup generators and inquired if these organizations would be notified about the program. Staff confirmed that these government entities would be notified. For additional details, please refer to the Webcast beginning at 8:45.

Committee Chair Rodriguez stressed the importance of emergency generators in the face of power disruptions, natural disasters and wildfires and noted a successful natural gas emergency generator project that was recently implemented by City of Yorba Linda with the Yorba Linda Water District. For additional details, please refer to the Webcast beginning at 10:16.

Moved by Hagman; seconded by Nguyen; unanimously approved.

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

INFORMATIONAL ITEM

2. Clean Fuels Program Draft 2027 Plan Update

Dr. Vasileios Papapostolou, Planning and Rules Manager, presented the Draft Clean Fuels Program Plan Update. For additional details, please refer to the Webcast beginning at 11:20.

Mayor Lock-Dawson asked whether the Clean Fuels Program funds can be used for activities beyond projects, such as outreach and administration and if projects are selected based on emission reductions. Dr. Aaron Katzenstein, Deputy Executive Officer, Technology Advancement Office, explained that the Program primarily funds

projects and studies, with limited funding allocated to project administration and clarified that the Clean Fuels Program supports early-stage technologies to accelerate their development, commercialization, and adoption. For additional details, please refer to the Webcast beginning at 20:00.

Ranji George, public member, expressed support for increased investment in hydrogen technologies and recommended exploring lithium iron phosphate battery technologies. For additional details, please refer to the Webcast beginning at 22:11.

Committee Chair Rodriguez requested clarification on the total projected Clean Fuels Program funding for 2027 and asked whether the proposed funding allocations represented existing commitments and potential projects under consideration. Dr. Papapostolou confirmed that approximately $80 million is anticipated for 2027, including the hydrogen RFP. Dr. Katzenstein explained that the proposed allocations are estimates based on anticipated projects and potential co-funding opportunities. For additional details, please refer to the Webcast beginning at 25:45.

Supervisor Hagman noted the growing adoption of hydrogen technologies internationally but expressed concern that high hydrogen fuel costs in the United States remain a significant barrier, particularly due to limitations in hydrogen production. Dr. Katzenstein acknowledged these challenges and explained that the hydrogen RFP could support projects addressing hydrogen production and cost reductions. Supervisor Hagman asked whether legislative action could help advance hydrogen technologies and improve their economic viability. Executive Officer Nastri explained that staff evaluates emerging and demonstrated technologies to identify viable solutions that could inform future legislative efforts. For additional details, please refer to the Webcast beginning at 28:35.

Committee Chair Rodriguez asked whether the anticipated $80 million in funding could support emission reduction efforts at ports and airports. Dr. Katzenstein explained that staff regularly coordinates with the ports on zero-emission initiatives, including hydrogen refueling for drayage trucks, battery-electric switcher locomotives, and zero-emission tugboats. He noted that grid capacity and infrastructure availability remain significant challenges, as equipment deployment may outpace electrical grid upgrades. Accordingly, supplemental power generation technologies may provide interim solutions to support zero-emission equipment deployment until sufficient grid capacity becomes available. Committee Chair Rodriguez further asked whether staff has a strategy to prioritize projects supporting existing Cooperative Agreements with the Ports of Long Beach and Los Angeles and the airport Memorandum of Understanding (MOU). Executive Officer Nastri reaffirmed staff's commitment to coordinating closely with the ports. For additional details, please refer to the Webcast beginning at 32:38.

OTHER MATTERS:

3. **Other Business**
   No other business.

4. **Public Comment Period**
   No public comment

5. **Next Meeting Date**
   The next regular Technology Committee meeting is scheduled for Friday, November 20, 2026 at 12:00 p.m.

Adjournment
The meeting adjourned at 12:31 p.m.

Attachment
Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
TECHNOLOGY COMMITTEE MEETING
Attendance Record – October 16, 2026

Mayor Carlos Rodriguez ..... South Coast AQMD Board Member
Supervisor Curt Hagman ..... 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

Tom Gross ..... Board Consultant/Assistant (Dawson)
Polash Mukerjee ..... Board Consultant/Assistant (Rutland)
Erin Sheehy ..... Board Consultant/Assistant (Rodriguez)

Ranji George ..... Public Member
Shane Osaki ..... Orange County Waste & Recycling
Catherine Smith ..... Public Member

Debra Ashby ..... South Coast AQMD Staff
Jason Aspell ..... South Coast AQMD Staff
Cindy Bustillos ..... South Coast AQMD Staff
Sam Cao ..... South Coast AQMD Staff
Anissa Cessa Heard-Johnson ..... South Coast AQMD Staff
Joshua Ewell ..... South Coast AQMD Staff
Carlos Gonzalez ..... South Coast AQMD Staff
Dé Groeneveld ..... South Coast AQMD Staff
Alex Han ..... South Coast AQMD Staff
Sheri Hanizavareh ..... South Coast AQMD Staff
Aaron Katzenstein ..... South Coast AQMD Staff
Angela Kim ..... South Coast AQMD Staff
Howard Lee ..... South Coast AQMD Staff
Tom Lee ..... South Coast AQMD Staff
Hay Lo ..... South Coast AQMD Staff
Brisa Lopez ..... South Coast AQMD Staff
Ron Moskowitz ..... South Coast AQMD Staff
Ghislain Muberwa ..... South Coast AQMD Staff
Susan Nakamura ..... South Coast AQMD Staff
Wayne Nastri ..... South Coast AQMD Staff
Vasileios Papapostolou ..... South Coast AQMD Staff
Kevin Perozo ..... 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

Alejandra Vega ..... South Coast AQMD Staff
Mei Wang .....South Coast AQMD Staff
Fan Xu .....South Coast AQMD Staff