



CLEAN FUELS PROGRAM ADVISORY GROUP AGENDA
SEPTEMBER 17, 2025, 9:00 AM – 4:30 PM
National Academies Beckman Center
Huntington Room
100 Academy Way
Irvine, CA 92617

TELECONFERENCE LOCATIONS

Union of Concerned Scientists 200 East Randolph Street Chicago, IL 60601	Port of Long Beach 415 W. Ocean Blvd. Long Beach, CA 90802	University of Nevada, Reno Ross Hall, Rm 201 1664 N. Virginia Street Reno, NV 89557
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A meeting of the South Coast Air Quality Management District Clean Fuels Program Advisory Committee will be held at 9:00 a.m. on Wednesday, September 17, 2025, through a hybrid format of in-person attendance in the National Academies Beckman Center, Huntington Room, 100 Academy Way, Irvine, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely. Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Join Zoom Webinar Meeting - from PC or Laptop

<https://scaqmd.zoom.us/j/91964955642>

Zoom Webinar ID: 919 6495 5642 (applies to all)

Teleconference Dial In +1 669 900 6833

One tap mobile +16699006833, 91964955642#

Audience will be allowed to provide public comment through telephone or Zoom connection.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to two (2) minutes each.

Breakfast (Huntington Room Foyer Area)

8:00 AM – 9:00 AM

Welcome & Overview

9:00 AM – 10:15 AM

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| (a) Welcome and Opening Remarks | Wayne Nastri, Executive Officer, South Coast Air Quality Management District |
| (b) Goals for the Day | Vasileios Papapostolou, Sc.D.,
Technology Demonstration Manager* |
| (c) Updates on Grants and Incentives | Mei Wang, Assistant Deputy Executive Officer* |
| (d) Feedback and Discussion | Advisors and Experts |
| (e) Public Comment (2 minutes/person) | |

Zero Emission Technology Progress I
Moderator - Maryam Hajbabaei, Ph.D., Program Supervisor*

1. 10:15 AM – 12:00 PM

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| (a) | The Social Value of Electrolytic Hydrogen | Robert Flores, Ph.D., Senior Scientist, Advanced Power and Energy Program, University of California, Irvine (UCI) |
| (b) | The Impact of Vehicle-To-Home Technology (V2H) on Air Quality | Kate Forrest, Ph.D. & Michael Mac Kinnon, Ph.D., Senior Scientists, Advanced Power and Energy Program, UCI |
| (c) | Estimating Community Air Quality Benefits from Electrification of Heavy-Duty Trucks in Inland Southern California | Matthew Barth, Ph.D., Professor of Electrical and Computer Engineering, University of California, Riverside (UCR) |
| (d) | A Summary Status of Heavy-Duty Vehicle Emissions | Kent Johnson, Ph.D., Assoc. Research Engineer, UCR |
| (e) | Feedback and Discussion | Advisors and Experts |
| (f) | Public Comment (2 minutes/person) | |

Lunch
12:00 PM – 1:20 PM

Zero Emission Technology Progress II
Moderator - Fan Xu, Ph.D., Program Supervisor*
1:30 PM – 3:15 PM

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| (a) | California Hydrogen Systems Analysis | Lewis Fulton, Ph.D., Director of Sustainable Transportation Energy Pathways Program, University of California, Davis |
| (b) | Completion of Battery Electric Truck Demonstration – SWITCH-ON Project | Michael Ippoliti, Senior Leader Public Partnerships, Volvo Group North America |
| (c) | Data-Driven Planning Platforms for Charging Networks, Truck Fleets, and Power Systems: A Progress Report | Nanpeng Yu, Ph.D., Professor of Electrical and Computer Engineering, UCR & Jonathan Shi, Founding Full Stack Software Engineer, AmpTrans, Inc. |
| (d) | Battery Value Chain: Accelerating Electrification and Driving Circularity for a Better Tomorrow | Anna Axelsson, Head of Battery Industrialization and Logistics, Volvo Energy North America |
| (e) | Feedback and Discussion | Advisors and Experts |
| (f) | Public Comment (2 minutes/person) | |

Break (Networking/Coffee)
3:15 PM – 3:45 PM

3. Wrap-up
3:45 PM – 4:30 PM

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| (a) | 2026 Clean Fuels Plan Update & Wrap-up | Vasileios Papapostolou, Sc.D. |
| (b) | Advisor and Expert Comments | All |

(c) Public Comment (2 minutes/person)

* South Coast AQMD Technology Advancement Office

Other Business

Any member of the Advisory Group, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification; may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

Public Comment Period

At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Advisory Group's authority that is not on the agenda. Speakers may be limited to two (2) minutes each.

Document Availability

All documents (i) constituting non-exempt public records; (ii) relating to an item on the agenda for a regular meeting; and (iii) having been distributed to at least a majority of the Advisory Group after the agenda is posted, are available by contacting Donna Vernon at 909-396-3097 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to dvernon@aqmd.gov.

Americans with Disabilities Act

Disability and language-related accommodations can be requested to allow participation in the Clean Fuels Program Advisory Group meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to South Coast AQMD. Please contact Donna Vernon at 909-396-3097 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to dvernon@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chairman will announce public comment.

Speakers will be limited to a total of three (3) minutes for the Consent Calendar and Board Calendar, and three (3) minutes or less for other agenda items.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the **“Raise Hand”** button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the **“Raise Hand”** button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.