

DOCKETED

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Project Title:	Senate Bill 643 Report
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Document Title:	Notice of Senate Bill 643 Staff Report Workshop
Description:	October 16, 2023 2:00 p.m. - 4:00 p.m.
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CALIFORNIA ENERGY COMMISSION

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Sacramento, California 95814

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CEC-70 (Revised 7/22)



IN THE MATTER OF:

***Senate Bill 643: Clean Hydrogen
Production and Infrastructure for
Medium- and Heavy-Duty Fuel Cell
Electric Vehicles and Off-Road
Applications***

Docket No. 22-HYD-02

NOTICE OF REMOTE-ACCESS
WORKSHOP

RE: Workshop on 2023 Senate Bill
643 Staff Report

Notice of Senate Bill 643 Staff Report Workshop
October 16, 2023
2:00 p.m. - 4:00 p.m.

Remote Access Only via Zoom™
See Attendance Instructions.

The California Energy Commission (CEC) will host a staff workshop to solicit feedback on the *2023 Staff Report on Senate Bill 643: Clean Hydrogen Fuel Production and Refueling Infrastructure to Support Medium- and Heavy-Duty Fuel Cell Electric Vehicles and Off-Road Applications (2023 SB 643 Staff Report)*. The intent of the workshop is to answer questions and solicit feedback to help inform the *2023 Final Report on Senate Bill 643: Clean Hydrogen Fuel Production and Refueling Infrastructure to Support Medium- and Heavy-Duty Fuel Cell Electric Vehicles and Off-Road Applications (2023 SB 643 Final Report)*.

The public can participate in the workshop consistent with the attendance instructions below. The CEC aims to begin promptly at the start time posted and the end time is an estimate based on the proposed agenda. The workshop may end sooner or later than the posted end time.

Agenda

During the workshop, CEC staff will provide an overview of the *2023 SB 643 Staff Report*, including four potential infrastructure scenarios for medium- and heavy-duty (MDHD) fuel cell electric vehicles (FCEV) through 2035. The real-world application of fuel cell electric buses (FCEB) in California, hydrogen fuel demand, and infrastructure required to support them will be discussed, as well. Additionally, clean hydrogen production plants under development, off-road/non-road hydrogen applications, challenges to infrastructure deployment, state and federal regulations, and incentive programs will be discussed.

Oral and written feedback provided during the workshop and written comments submitted within the public comment period will help inform the *2023 SB 643 Final Report* to the Legislature.

A more detailed meeting agenda and other materials may be posted prior to the workshop on the 22-HYD-02 docket log <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-HYD-02>.

Background

Within California's transportation sector, MDHD vehicles such as trucks and buses, off-road vehicles, and the fuels required to power them are responsible for roughly half of the state's greenhouse gas emissions when including upstream production. In October 2021, Governor Gavin Newsom signed Senate Bill 643 (Archuleta, Chapter 646, Statutes of 2021), which requires the CEC, in consultation with the California Air Resources Board and the California Public Utilities Commission, to prepare a statewide assessment of the FCEV refueling infrastructure and clean hydrogen fuel production needed to support the adoption of zero-emission trucks, buses, and off-road vehicles at levels necessary for the state to meet goals and requirements relating to vehicular air pollution. The bill requires, among other things, that the statewide assessment consider existing and future hydrogen production and distribution infrastructure requirements throughout the state, including in low-income areas. The bill also requires the CEC to regularly seek data and input from specified state agencies and interested parties regarding clean hydrogen production and refueling infrastructure requirements for MDHD FCEV and off-road vehicles. The CEC is required to complete the statewide assessment by December 31, 2023, and to update the statewide assessment at least once every 3 years until January 1, 2030.

The *2023 SB 643 Staff Report* is available at:

<https://www.energy.ca.gov/publications/2023/senate-bill-643-clean-hydrogen-fuel-production-and-refueling-infrastructure>.

Remote Attendance Instructions

Participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on or login in at <https://energy.zoom.us/j/88617707525?pwd=b2xhWUZHUncveU9GSmdTdzNEbHJrUT09> and enter passcode 566955 and follow all prompts.
- **To join by telephone.** Call toll-free at (888) 475-4499 or toll at (669) 219-2599. When prompted, enter the Webinar ID 886 1770 7525 and passcode 566955.
- **International numbers available:** <https://energy.zoom.us/j/88617707525?pwd=b2xhWUZHUncveU9GSmdTdzNEbHJrUT09>

Zoom Closed Captioning Service. At the bottom of the screen, click the Live Transcript CC icon and choose "Show Subtitle" or "View Full Transcript" from the pop-up menu. To stop closed captioning, close the "Live Transcript" or select "Hide Subtitle" from the pop-up menu. If

joining by phone, closed captioning is automatic and cannot be turned off. While closed captioning is available in real-time, it can include errors.

Zoom Difficulty. Contact Zoom at (888) 799-9666 ext. 2, or the CEC Public Advisor at publicadvisor@energy.ca.gov, or by phone at (916) 957-7910.

Public Comment

The CEC encourages the use of its electronic commenting system. Visit the [e-commenting](#) page for this docket at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-HYD-02> which links to the comment page for this docket. Enter your contact information and a subject title that describes your comment. Comments may be included in the "Comment Text" box or attached as a downloadable, searchable document in Microsoft® Word or Adobe® Acrobat®. The maximum file size allowed is 10 MB.

Oral Comments will be accepted at the end of the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. If participating via Zoom's online platform, use the "raise hand" feature so the administrator can announce your name and unmute you. If you are participating by telephone, press *9 to "raise your hand" and *6 to mute/unmute.

Written comments may be submitted to the Docket Unit by 5:00 p.m. on October 30, 2023. Written and oral comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record of this proceeding with access available via any Internet search engine. Written comments may also be submitted by email. Include docket number 22-HYD-02 and "Staff Workshop on the 2023 SB 643 Staff Report" on the subject line and email to docket@energy.ca.gov.

A paper copy may be mailed to:
California Energy Commission
Docket Unit, MS-4
Docket No. 22-EVI-04
715 P Street
Sacramento, California 95814

Public Advisor. The CEC's Public Advisor assists the public with participation in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email publicadvisor@energy.ca.gov as soon as possible but at least five days in advance of the workshop. The CEC will work diligently to meet all requests based on availability.

Media Inquiries. Email mediaoffice@energy.ca.gov or call (916) 654-4989.

Technical Subject or General Inquiries. Email Kristi Villareal at kristi.villareal@energy.ca.gov or call (916) 908-7494.

Availability of Documents

Documents and presentations for this meeting will be available at the CEC's Docket Log for [22-HYD-02](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-HYD-02) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-HYD-02>.

When new information is posted, an email will be sent to those on the Clean Transportation Program and Low Carbon Fuels subscriptions. To receive these notices or notices of other email subscription topics, visit [Subscriptions](https://www.energy.ca.gov/subscriptions) at <https://www.energy.ca.gov/subscriptions>.

Dated: September 28, 2023, at Sacramento, California

Melanie Vail

Melanie Vail
Deputy Director, Fuels and Transportation Division

List Servers: Clean Transportation Program and Low Carbon Fuels