

<b>DOCKETED</b>	
<b>Docket Number:</b>	23-IEPR-06
<b>Project Title:</b>	Hydrogen
<b>TN #:</b>	251864
<b>Document Title:</b>	Notice of IEPR Commissioner Workshop on the Potential Growth of Hydrogen
<b>Description:</b>	<p>Friday, September 8, 2023  10:00 a.m. – 5:00 p.m.  In-person at:  Warren-Alquist State Energy Building  Rosenfeld Hearing Room, First Floor  1516 Ninth Street, Sacramento, California 95814  (Wheelchair Accessible)  Remote Access via Zoom™:  <a href="https://zoom.us/">https://zoom.us/</a>,  Meeting ID: 822 0420 6052 and Meeting Passcode: 2023</p>
<b>Filer:</b>	Raquel Kravitz
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	8/24/2023 2:31:26 PM
<b>Docketed Date:</b>	8/24/2023

**CALIFORNIA ENERGY COMMISSION**715 P Street  
Sacramento, California 95814[energy.ca.gov](http://energy.ca.gov)

CEC-70 (Revised 7/22)

**IN THE MATTER OF:***2023 Integrated Energy Policy Report  
(2023 IEPR)*DOCKET NO. 23-IEPR-06  
NOTICE OF IEPR Workshop  
RE: Hydrogen**Notice of IEPR Commissioner Workshop on the Potential Growth  
of Hydrogen****Friday, September 8, 2023**

10:00 a.m. – 5:00 p.m.

**In-person at:**Warren-Alquist State Energy Building  
Rosenfeld Hearing Room, First Floor  
1516 Ninth Street, Sacramento, California 95814  
(Wheelchair Accessible)**Remote Access via Zoom™:**<https://zoom.us/>,Meeting ID: **822 0420 6052** and Meeting Passcode: **2023**

The California Energy Commission (CEC) will host a workshop to discuss the potential adoption of hydrogen to help decarbonize the electric generation and transportation sectors, as required by Senate Bill (SB) 1075 (Skinner, Chapter 363, Statutes of 2022). This workshop is part of the 2023 IEPR proceeding. Commissioner Patty Monahan is the CEC's Lead Commissioner for the 2023 IEPR. A quorum of commissioners may participate, but no votes will be taken.

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.

The public can participate in the workshop consistent with the attendance instructions below.

## Attendance Instructions

**In-person** participants may join at the Warren-Alquist State Energy Building located at 1516 Ninth Street, Sacramento, CA 95814, in the Rosenfeld Hearing Room. This will be a one-day workshop split into morning and afternoon sessions.

**Remote** participants may join via Zoom by internet or by phone using the following for both the morning and afternoon sessions:

- **To use Zoom's online platform**, click on <https://energy.zoom.us/j/85655621879?pwd=MIYvTUFHUXc5NWdacUtVY2lXaUUxUT09> or log in via Zoom™ at <https://zoom.us/>, enter the Meeting ID: **822 0420 6052** and Passcode: **2023**, and follow all prompts.
- **To participate by telephone**, call toll-free at (888) 475-4499 or toll at (669) 219-2599. When prompted, enter the Meeting ID: **822 0420 6052** and Passcode: **2023**.

Participants using a computer can access **Zoom's 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. While closed captioning is available in real-time, it can include errors. A more accurate transcript of the workshop will be docketed and posted as soon as possible after the meeting concludes.

If you experience difficulties joining, contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), or by phone at (916) 957-7910.

## Agenda

CEC staff will present initial findings and perspectives on preliminary analysis of the potential adoption of hydrogen to help decarbonize the electric generation and transportation sectors. Staff will solicit feedback and identify priority areas of future analyses including in the 2025 IEPR (as required by SB 1075). The morning session will feature a panel of utility, developer, and environmental representatives who will provide perspectives on hydrogen's potential in California. The afternoon session will have two panels: one focused on the potential for hydrogen to help decarbonize California's power sector and a second on the transportation sector, which will also be followed by a roundtable discussion. Finally, the CEC's Energy Research and Development Division will give a presentation on hydrogen-focused research and development (R&D) projects being funded through the Gas R&D, Electric Program Investment Charge (EPIC), and Clean Hydrogen programs.

There will be an opportunity for public comment.

A detailed final schedule will be posted prior to the workshop at [2023 IEPR Workshops, Notices and Documents](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report/2023-iepr), <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report/2023-iepr>.

## **Background**

As California decarbonizes its energy system, the state faces rapidly emerging gas issues including the decline of long-term gas demand from building electrification, the critical interdependencies between the gas and electricity systems, and the potential role of renewable gas, renewable hydrogen, and other low-carbon fuels and technologies. The CEC adopted an Order Instituting Informational Proceeding for Decarbonizing the Gas System (22-OII-02) in March 2022, a multi-year proceeding that runs parallel with the IEPR processes as a forum for addressing these complex issues. The proceeding's overall focus is on enhanced planning and analytics to address long-term gas transition issues and expanded interagency collaboration on decarbonization efforts. A specific objective (among others) is to analyze the role of renewable gas and renewable hydrogen delivered through the gas system, including sources, supplies, and end-uses.

SB 1075 requires the CEC, as part of the 2023 and 2025 editions of the IEPR, to "study and model potential growth for hydrogen and its role in decarbonizing the electrical and transportation sectors of the economy." (The statute emphasizes green hydrogen.) The work being conducted under SB 1075 aligns with the goals of the CEC's Gas Decarbonization Proceeding.

## **Public Comment**

**Oral comments** will be accepted at the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. Depending on the number of members of the public seeking to make a comment, the facilitator may adjust the total time allotted for public comment and the time allotted for each comment.

If participating via Zoom's online platform, use the "raise hand" feature to alert the administrator that you would like to make a comment after the lead commissioner opens the floor for public comment.

If participating by telephone, press \*9 to "raise your hand" and \*6 to mute/unmute. An administrator will call on you by the last three digits of your phone number. Unmute your phone before introducing yourself and sharing your comment.

The Public Advisor may, upon the request of public participants who may be absent during the workshop when a matter of interest to them is being discussed, neutrally and publicly read those participant comments into the record during the public comment period. If you are interested in this service, please email concise comments, specifying your main points, before the start of the workshop to the Public Advisor at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov). Comments submitted after the hearing starts or that cannot be read within a three-minute timeframe will be filed in the hearing docket.

**Written comments** must be submitted to the Docket Unit by 5:00 p.m. on **September 22, 2023**.

The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=23-IEPR-06) at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=23-IEPR-06>, which links to the comment page for this docket. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the "Comment Text"

box or attached as a downloadable, searchable document consistent with title 20 of the California Code of Regulations, section 1208.1. The maximum file size allowed is 10 MB.

Written comments may be submitted by email. Include docket number **23-IEPR-06** and "Hydrogen" in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

If preferred, a paper copy may be sent to:

California Energy Commission  
Docket Unit, MS-4  
Docket No. 23-IEPR-06  
715 P Street  
Sacramento, California 95814-5512

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.

## Contacts

The CEC's Public Advisor provides the public with assistance in participating in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email [publicadvisor@energy.ca.gov](mailto: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.

**Direct media inquiries** to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

**Direct technical subject inquiries** to David Erne at [david.erne@energy.ca.gov](mailto:david.erne@energy.ca.gov)

**Direct general inquiries** regarding the IEPR proceeding to Raquel Kravitz at [raquel.kravitz@energy.ca.gov](mailto:raquel.kravitz@energy.ca.gov) or (916) 907-4284.

## Availability of Documents

Documents and presentations for this meeting will be available online at [2023 Integrated Energy Policy Report \(ca.gov\)](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report), <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report>, or at [California Energy Commission : Docket Log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-IEPR-06) <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-IEPR-06>.

To receive notices about the IEPR, subscribe at [Integrated Energy Policy Report - IEPR | California Energy Commission](https://energy.ca.gov/data-reports/integrated-energy-policy-report), <https://energy.ca.gov/data-reports/integrated-energy-policy-report>. Manage existing subscriptions or sign up for others at [CEC Subscriptions](https://www.energy.ca.gov/subscriptions), <https://www.energy.ca.gov/subscriptions>.

**Dated:** August 24, 2023, at Sacramento, California

**Subscription Topics:** Integrated Energy Policy Report; Electricity Issues; General Natural Gas and LNG Issues; Disadvantaged Communities Advisory Group; Transportation Energy; Research and Development