

DOCKETED

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| Project Title: | Natural Gas Outlook and Assessments |
| TN #: | 243498 |
| Document Title: | Notice of IEPR Commissioner Workshop on Role of Hydrogen in California's Clean Energy Future |
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| Filer: | Raquel Kravitz |
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CALIFORNIA ENERGY COMMISSION

715 P Street
Sacramento, California 95814

energy.ca.gov

CEC-70 (Revised 11/2021)



IN THE MATTER OF:

*2022 Integrated Energy Policy Report Update
(2022 IEPR Update)*

Docket No. 22-IEPR-05

NOTICE OF WORKSHOP

RE: Role of Hydrogen

Notice of IEPR Commissioner Workshop on Role of Hydrogen in California's Clean Energy Future

June 21, 2022

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 Option via Zoom™:

<https://zoom.us/>, webinar ID: **990 0628 3544** and passcode: **IEPR2022**

The California Energy Commission (CEC) will host a workshop to discuss the role of hydrogen in California's clean energy future. Vice Chair Siva Gunda is CEC's Lead Commissioner for the *2022 IEPR Update*. A quorum of commissioners may participate in person, but no votes will be taken.

The public can participate in the workshop consistent with the direction provided below. Please note that the CEC aims to begin promptly at the start time posted and the end time is an estimate based on the agenda proposed. The workshop may end sooner or later than the posted end time depending on various factors.

Attendance Instructions

In-person participants may join at the Warren-Alquist State Energy Building, Rosenfeld Hearing Room, first floor, 1516 Ninth Street, Sacramento, California 95814. Please sign in at the security desk. Masks and social distancing are encouraged, but not required.

Remote participants may join via Zoom by internet or by phone.

- **To use Zoom’s online platform**, click on [this link](#), <https://energy.zoom.us/j/99006283544pwd=YkNvWTJvbnp3TW8wVlVPWGs1bVlldz09> or by logging in via Zoom™ at <https://zoom.us/>, entering the unique **Webinar ID: 990 0628 3544** and **passcode: IEPR2022** and following all prompts.
- **To participate by telephone**, call toll-free at (888) 475-4499 or toll at (669) 219-2599. When prompted, enter the **Webinar ID: 990 0628 3544** and **passcode: IEPR2022**.

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

Attendees using a computer can access **Zoom’s closed captioning service** by clicking on the “live transcript” icon and then choosing either “show subtitle” or “view full transcript.” The closed captioning service can be stopped by closing out of the “live transcript” or selecting the “hide subtitle” icon. If using a phone, closed captioning is automatic and cannot be turned off. While the closed captioning is available in real-time, it typically includes errors. A more accurate transcript of the workshop developed by a professional court reporter will be docketed and posted in a later timeframe.

Agenda

The workshop will be held from 10:00 a.m. to 5:00 p.m. with a break at approximately 12:30 p.m. and resuming at approximately 1:30 p.m.

The morning session will include two panels. One panel will be on initiatives to advance the use of hydrogen in California. This will include a discussion of what terminology should be used to describe hydrogen that can help meet California’s climate goals, such as “green” or “clean” or “decarbonized” hydrogen. A second panel will include presentations on various forecasts of opportunities to use hydrogen as part of economy-wide decarbonization. The panels will include presentations by academia, industry, and state government representatives.

The afternoon session will also have two panels. One panel will be on the current use of hydrogen and near-term opportunities to expand its use in medium- and heavy-duty vehicles and in off-road and marine applications. The second panel will be on emerging projects and opportunities for hydrogen in economy-wide decarbonization. Panelists will include hydrogen industry representatives, environmental groups, state agency representatives, and project developers.

A detailed meeting schedule will be posted prior to the workshop at [2022 IEPR Workshops, Notices and Documents](#), <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2022-integrated-energy-policy-report-update-0>.

Background

The [Scoping Order for the 2022 Integrated Energy Policy Report Update](#), available at <https://efiling.energy.ca.gov/GetDocument.aspx?tn=242747&DocumentContentId=76300>, identifies the “role for hydrogen in California’s clean energy future” as part of “addressing emerging topics.” The aim is “to provide situational awareness and identify possible policy questions of interest.”

The [2021 IEPR](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report), available at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report>, identified hydrogen as an emerging and important element of decarbonizing California’s energy system, especially for hard-to-electrify end uses. The purpose of this workshop is to explore in greater breadth and depth the opportunities for hydrogen in economy-wide decarbonization. Topics to be discussed include statewide initiatives related to hydrogen, forecasting the potential role of hydrogen in decarbonization, nearer-term opportunities in the transportation sector (for example, moving freight in ports, warehouses, by rail and sea, and on road), and policies and longer-term opportunities for deploying hydrogen at scale.

Public Comment

Oral comments will be accepted at the end of the morning and afternoon sessions. 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. A workshop 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 relate those participants’ points to the CEC on behalf of the public. 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. Comments submitted after the workshop starts will be filed in the workshop docket.

Written comments must be submitted to the Docket Unit by 5:00 p.m. on **July 12, 2022**.

The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-IEPR-05) at <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-IEPR-05>, 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 **22-IEPR-05 and Hydrogen Workshop** in the subject line and email to docket@energy.ca.gov.

If preferred, a paper copy may be sent to:

California Energy Commission
Docket Unit, MS-4
Docket No. 22-IEPR-05
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.

Public Advisor and Other CEC Contacts

The CEC's Public Advisor provides the public with assistance in participating in CEC proceedings. For information about how to participate in this workshop or to request interpreting services or other reasonable modification and accommodations, reach out by phone at (916) 957-7910 or via email at publicadvisor@energy.ca.gov. Requests for interpreting services, reasonable modifications and accommodations should be made 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 the availability of the service or resource requested.

Direct media inquiries to mediaoffice@energy.ca.gov or (916) 654-4989.

Direct technical subject inquiries to Kevin Uy at kevin.uy@energy.ca.gov or (916) 776-0821.

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

Availability of Documents

Documents and presentations for this meeting will be available at [2022 Integrated Energy Policy Report Update](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2022-integrated-energy-policy-report-update), <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2022-integrated-energy-policy-report-update> or at [California Energy Commission: Docket Log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-IEPR-05), <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-IEPR-05>.

When new information is posted, an email will be sent to the list subscriptions identified below. To receive these 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 list servers or sign up for others at [CEC Subscriptions](https://www.energy.ca.gov/subscriptions), at <https://www.energy.ca.gov/subscriptions>.

Dated: June 10, 2022, at Sacramento, California

Subscription Topics: Integrated Energy Policy Report; Electricity; Natural Gas and LNG Topics; General Transportation and Petroleum Issues; Clean Transportation Program; Disadvantaged Communities Advisory Group