

DOCKETED	
Docket Number:	20-IEPR-02
Project Title:	Transportation
TN #:	233912
Document Title:	Notice of Commissioner Workshop on Near-Zero Emission Vehicles and Low-Carbon Fuels
Description:	<p>The workshop will be held in two sessions on Wednesday, July 29, 2020, as follows:</p> <p>Session 1 at 10:00 AM:</p> <p>Click Session 1: Near-Zero Emission Vehicles and Biomethane (https://energy.zoom.us/j/97519249527?pwd=T2I0Tk9XV1lnVnVTcGRKSGpEd2FXZz09)</p> <p>Webinar ID: 975 1924 9527 Webinar Password: IEPR2020</p> <p>Session 2 at 2:00 PM:</p> <p>Click Session 2: Liquid Low-Carbon Fuels (https://energy.zoom.us/j/93269768022?pwd=dTI5Qno4aHNtcHFECjl5QjZOb3NuUT09)</p> <p>Webinar ID: 932 6976 8022 Webinar Password: IEPR2020</p>
Filer:	Raquel Kravitz
Organization:	Energy Commission
Submitter Role:	Commission Staff
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Sacramento, California 95814Main website: www.energy.ca.gov

CEC-70 (Revised 09/19)



In the matter of:)	Docket No. 20-IEPR-02
)	
<i>2020 Integrated Energy Policy Report Update</i>)	NOTICE OF REMOTE ACCESS
<i>(2020 IEPR Update)</i>)	WORKSHOP
)	
)	RE: Near-Zero Emission Vehicles
)	and Low Carbon Fuels
)	

Notice of Commissioner Workshop on Near-Zero Emission Vehicles and Low-Carbon Fuels

The California Energy Commission (CEC) will conduct a workshop to discuss technology, market aspects, and opportunities and challenges of near-zero emission vehicles and low carbon fuels. The workshop is part of the CEC's *2020 Integrated Energy Policy Report Update (2020 IEPR Update)* proceeding.

A quorum of Commissioners may participate, but no votes will be taken.

The workshop will be held remotely, consistent with Executive Orders N-25-20 and N-29-20 and the recommendations from the California Department of Public Health to encourage physical distancing to slow the spread of COVID-19. The public can participate and observe the workshop consistent with the direction in these Executive Orders. Instructions for remote participation are provided below.

The workshop will be held in two sessions on **Wednesday, July 29, 2020**, as follows:

- **Session 1 at 10:00 AM:**

Click [Session 1: Near-Zero Emission Vehicles and Biomethane](#)

(<https://energy.zoom.us/j/97519249527?pwd=T2l0Tk9XV1lnVnVTcGRKSGpEd2FXZz09>)

Webinar ID: **975 1924 9527** Webinar Password: **IEPR2020**

- **Session 2 at 2:00 PM:**

Click [Session 2: Liquid Low-Carbon Fuels](#)

(<https://energy.zoom.us/j/93269768022?pwd=dTI5Qno4aHNtcHFECjI5QjZOb3NuUT09>)

Webinar ID: **932 6976 8022** Webinar Password: **IEPR2020**

Remote Access Only - Remote access is available by internet or call-in options via Zoom [at https://zoom.us/](https://zoom.us/).™ For details, see the Remote Attendance section toward the end of this notice.

Agenda

This workshop will focus on technology, market aspects, and opportunities and challenges of near-zero emission vehicles and low-carbon fuels.

Session 1 will feature a presentation on the accounting of the greenhouse gas (GHG) impacts over the lifecycles of alternative fuels as well as a panel discussion on near-zero emission vehicles and biomethane. Topics for discussion include technology and market updates for vehicles and engines, environmental and social impacts of biomethane production, and a comparison of use cases for biomethane.

Session 2 will feature a presentation on the low-carbon fuel standard (LCFS) and its relation to the market for biofuels. It will also feature a panel discussion on liquid low-carbon fuels, including renewable diesel and sustainable aviation fuels. Topics for discussion include production and distribution capacity, operational improvements, and policy opportunities and challenges for liquid low-carbon fuels.

Panelists and presenters for each session will include individuals from partnering state and local agencies, community-based organizations, other non-governmental organizations, vehicle and component manufacturers, fuel producers, and fleet managers.

A detailed meeting schedule will be posted prior to the workshop at the [2020 IEPR Update Workshops, Notices, and Documents](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2020-integrated-energy-policy-report-update-0) page, <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2020-integrated-energy-policy-report-update-0>.

Background

The transportation sector remains the largest contributor to GHG emissions in the state. Except for recent events around the COVID-19 crisis, this sector has not seen a decline in emissions in recent years.

Many transportation fuels that are biologically based or are otherwise renewable provide the benefit of being usable in traditional combustion-based engines. In combination with their high energy density, these fuels and the vehicles that consume them may be applied in multiple ways while achieving the state's GHG emissions goals. Additionally, the development and deployment of combustion engines adhering to stricter criteria pollutant emission requirements offer an opportunity to improve air quality in transportation sectors that otherwise would be slow to adopt zero-emission vehicle technologies.

Several state policies address near-zero emission vehicles and low carbon fuels:

- Pursuant to Assembly Bill 32 (Nunez, Chapter 488, Statutes of 2006), the California Air Resources Board's (CARB) 2008 *Climate Change Scoping Plan* introduced the low-carbon

fuel standard (LCFS) and the updated *California's 2017 Climate Change Scoping Plan* continues to emphasize LCFS as a key strategy for reducing GHG emissions.

- *California's 2017 Climate Change Scoping Plan* highlights renewable diesel and renewable natural gas as options for GHG mitigation measures and criteria pollutant reduction.
- Senate Bill 605 (Lara, Chapter 523, Statutes of 2014) requires CARB to work with CEC to develop measures to address short-lived climate pollutants (SLCPs), which include methane. Senate Bill 1383 (Lara, Chapter 395, Statutes of 2016) also directs the California Public Utilities Commission to work in conjunction with the CEC to consider additional policies to support biomethane.

Consistent with these statutes, policies, and orders, this workshop will inform staff and the Lead *2020 IEPR Update* Commissioner on the latest trends, opportunities, and challenges for near-zero emission vehicles and low-carbon fuels. It will contribute to the development of the *2020 IEPR Update* findings and policy recommendations.

Public Comment

Oral Comments:

Commissioners will accept oral comments at the end of each panel session. Public comments may be limited to three minutes or less per speaker and to one person per organization. To make a comment during the workshop, please use the "raise hand" feature in Zoom. If attending the workshop via telephone, dial *9 to raise your hand and *6 to mute/unmute your phone line.

Written comments:

Written comments must be submitted to the Docket Unit by **5:00 p.m. on August 19, 2020**.

Written and oral comments, attachments, and associated contact information (including address, phone number, email address) will become part of the public record of this proceeding with access available via any Internet search engine.

For the *2020 IEPR Update*, the CEC encourages use of its electronic commenting system.

Visit the [CEC Electronic Add Comment](#) page or visit

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-IEPR-02>, 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 in Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email if you choose not to use the electronic filing system. Include the docket number 20-IEPR-02 and "Near Zero Emission Vehicles" or "Low-Carbon Fuels" 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
Re: Docket No. 20-IEPR-02
1516 Ninth Street
Sacramento, California 95814-5512

Public Advisor and Other Commission Contacts

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on how to participate in this proceeding, or to request language services or other reasonable accommodations, please contact the public advisor, Noemí O. Gallardo, at publicadvisor@energy.ca.gov, or by phone at (916) 654-4489, or toll free at (800) 822-6228. Requests for language services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate late requests.

Zoom: If you experience difficulties with the Zoom platform, please contact the Public Advisor's office via email or phone. (Contact information above.)

Media inquiries should be directed to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

Questions on the technical subject matter of this meeting should be directed to Quentin Gee at quentin.gee@energy.ca.gov or (916) 654-3837.

For general questions regarding the IEPR proceeding, please contact Raquel Kravitz at raquel.kravitz@energy.ca.gov or (916) 651-8836.

Remote Attendance

Participants may join any or all scheduled panel sessions by clicking on the links provided for each session above. You may also access Zoom at this address, <https://join.zoom.us>, and enter the unique Webinar ID and password for each session (listed above). Zoom technical support is available at 1-888-799-9666 ext. 2, or you may contact the CEC's Public Advisor's Office at publicadvisor@energy.ca.gov or (916) 654-4489, or toll-free at 800-822-6228. To comment using Zoom's online platform, use the "raise hand" feature. To comment by telephone, see instructions below.

Participate by Telephone:

To participate by telephone, call Zoom at 1-888-853-5257 or 1-888-475-4499 (toll free). When prompted, input the unique Webinar ID for the session of your choice (listed above). To comment over the telephone, dial *9 to "raise your hand" and *6 to mute/unmute.

Availability of Documents

Documents and presentations for this meeting will be available online at [IEPR Workshop, Meeting and Request Comments](#),

<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2020-integrated-energy-policy-report-update> or [Docket Log: 20-IEPR-02](#),
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-IEPR-02>.

When new information is posted, an email will be sent to those on the energypolicy list serve. Those interested in receiving these notices can subscribe in the lower right corner at the [Integrated Energy Policy Report](#) page, <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report>, or alternatively manage existing list serves or sign up for others at the [CEC List Servers](#), <http://www.energy.ca.gov/listservers/index.html>.

Dated: Friday, July 17, 2020, at Sacramento, California

Original Signed by:

Patty Monahan
Commissioner
2020 Integrated Energy Policy Report Update

List Servers: energypolicy, lowcarbonfuels, transportation, altfuels, dcag, diversity, barriers