

DOCKETED	
Docket Number:	20-IEPR-02
Project Title:	Transportation
TN #:	232921
Document Title:	Notice of IEPR Commissioner Workshop on Heavy-Duty Zero-Emission Vehicle Market Trends
Description:	<p>The workshop will be held in three segments over two days as follows:</p> <p>Wednesday, May 20, 2020</p> <p>9:30 AM: Session 1 - Ports and Off-Road Equipment</p> <p>2:00 PM: Session 2 - Medium- and Heavy-Duty ZEVs: Moving Goods</p> <p>Thursday, May 21, 2020</p> <p>1:30 PM: Session 3 - Heavy-Duty ZEVs: Moving People</p> <p>(Remote Access Only)</p>
Filer:	Raquel Kravitz
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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CALIFORNIA ENERGY COMMISSION1516 Ninth Street
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: Heavy-Duty Zero-Emission Vehicle Market Trends

Notice of IEPR Commissioner Workshop on Heavy-Duty Zero-Emission Vehicle Market Trends

The California Energy Commission's (CEC) Lead Commissioner for the *2020 Integrated Energy Policy Report Update (2020 IEPR Update)*, Patty Monahan, will host a remote access workshop to gather information on the latest trends and market progress for heavy-duty zero-emission vehicles (ZEVs).

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 three segments over two days as follows:

Wednesday, May 20, 2020

- 9:30 AM: Session 1 - *Ports and Off-Road Equipment*
- 2:00 PM: Session 2 - *Medium- and Heavy-Duty ZEVs: Moving Goods*

Thursday, May 21, 2020

- 1:30 PM: Session 3 - *Heavy-Duty ZEVs: Moving People*

(Remote Access Only)

Agenda

This workshop will focus on the status and trends in ZEV technologies and markets, with special emphases on medium- and heavy-duty trucks, off-road devices, and buses.

Session 1 will feature a presentation on enhancing community equity with ZEVs in ports, as well as a panel discussion for increasing ZEV usage in ports and off-road activities. Community stakeholders, port facilities, off-road equipment manufacturers, and state agencies will participate in the panel and presentation.

Session 2 will be a panel discussion on increasing the use of ZEVs for moving goods on roadways and include panelists from logistics companies, ZEV manufacturers, and managers of medium- and heavy-duty transportation fleets.

Session 3 will be a panel discussion on mass transportation and will include ZEV bus manufacturers, private ZEV bus fleet managers, and municipal transit agencies incorporating ZEVs into their fleets. This workshop will also incorporate assessments of pathways to ensure that disadvantaged and low-income communities can benefit from and participate in California's transition toward ZEVs.

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 located at <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 greenhouse gas (GHG) emissions in the state and, unlike other sectors, has not seen a decline in emissions in recent years. On May 2, 2019, Vice Chair Janea Scott, the Lead IEPR Commissioner of the 2019 IEPR, held a workshop on the status of the ZEV market,¹ focusing on the light-duty sector. As a significant source of emissions, ZEVs across medium- and heavy-duty categories also represent a critical pathway to achieving state GHG goals. This is reflected in several statewide policies to accelerate the transition to ZEVs.

- Pursuant to the California Global Warming Solutions Act of 2006, the California Air Resources Board's (CARB) 2017 Climate Change Scoping Plan scenario for GHG reduction establishes a goal for increasing ZEVs on the road through 2030.
- Senate Bill 350 (De León, Chapter 547, Statutes of 2015) directs state agencies to identify and assess barriers for zero-emission transportation options for disadvantaged communities, and to develop recommendations on how to increase ZEV access and benefits in disadvantaged communities. In response, CARB, in consultation with the CEC, released the "Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents - Final Guidance Document" in February 2018.²

1 Materials from the [May 2, 2019, workshop](#), including presentations, recording, and transcript, are available here: https://ww2.energy.ca.gov/2019_energypolicy/documents/.

2 CARB, "[Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents - Final Guidance Document](#)," February 21, 2018. Available at: https://ww2.arb.ca.gov/sites/default/files/2018-08/sb350_final_guidance_document_022118.pdf

- Executive Orders B-16-2012 and B-48-18 call for increasing freight transport and public transportation ZEVs on the road.
- Executive Order N-19-19 requires the state to redouble efforts to reduce GHG emissions in part by proposing new strategies to increase demand for ZEVs.
- CARB's 2018 Innovative Clean Transit Regulation requires all public transit agencies to transition to a 100-percent zero-emission bus fleet.
- The Advanced Clean Trucks Regulation, under development, would require medium- and heavy-duty vehicle manufacturers to sell an increasing portion of their California vehicle sales as ZEVs and requires large businesses and fleets to report information on their vehicles and vehicle operations.

This workshop will inform staff and the Lead Commissioner for the *2020 IEPR Update* on the latest market trends, challenges, and opportunities for increased heavy-duty ZEV adoption statewide in alignment with these policies for the *2020 IEPR Update*.

Remote Attendance

Participants may join any or all scheduled panel sessions by clicking on the links below. You may also access [Zoom](#) at this address, <https://join.zoom.us>, and enter the unique Webinar ID and password for each session (listed below). 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 or ask a question, use the "raise hand" feature in Zoom.

Wednesday, May 20, 2020

Click [9:30 AM Session 1 - Ports and Off-Road Equipment](#)

(<https://energy.zoom.us/j/93560405646?pwd=dVhSQW4xZ1BDb2NOLzZtMk1YZzVYUT09>)
Webinar ID: **935-6040-5646**. The meeting password is **IEPR2020**.

Click [2:00 PM Session 2 - Medium- and Heavy-Duty ZEVs: Moving Goods](#)

(<https://energy.zoom.us/j/91978184632?pwd=RzRSRTZkdUhrTIB6RHJzZFB4Y1FOUT09>)
Webinar ID: **919-7818-4632**. The meeting password is **IEPR2020**.

Thursday, May 21, 2020

Click [1:30 PM Session 3 - Heavy-Duty ZEVs: Moving People](#)

(<https://energy.zoom.us/j/98985067681?pwd=b3I3a3ZZbll5U1M0Q0VCdEZiaHpqdz09>)
Webinar ID: **989-8506-7681**. The meeting password is **IEPR2020**.

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

or ask a question over the telephone, dial *9 to “raise your hand” and *6 to mute/unmute your phone line.

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 June 11, 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 “ZEV Market Trends” 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.

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 [The General Scope Docket Log](#)

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-IEPR-01>.

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: Wednesday, May 6, 2020 at Sacramento, California

Original Signed by

Patty Monahan
Commissioner
2020 Integrated Energy Policy Report Update

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