

<b>DOCKETED</b>	
<b>Docket Number:</b>	19-IEPR-07
<b>Project Title:</b>	Electricity Sector
<b>TN #:</b>	229736
<b>Document Title:</b>	Notice of IEPR Commissioner Workshop on Near-Zero Carbon Electricity
<b>Description:</b>	September 24, 2019 10:00 AM Warren-Alquist State Energy Building Art Rosenfeld Hearing Room, First Floor 1516 Ninth Street, Sacramento, California 95814
<b>Filer:</b>	Raquel Kravitz
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	9/13/2019 2:30:07 PM
<b>Docketed Date:</b>	9/13/2019

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)

CEC-70 (Revised 1/19)



In the matter of:

***2019 Integrated Energy Policy Report  
(2019 IEPR)***

**Docket No. 19-IEPR-07**

NOTICE OF WORKSHOP

RE: Near-Zero Carbon Electricity

## **NOTICE OF IEPR COMMISSIONER WORKSHOP ON NEAR-ZERO CARBON ELECTRICITY**

The Lead Commissioner for the *2019 Integrated Energy Policy Report (2019 IEPR)*, Vice Chair Janea A. Scott will host a workshop to discuss deep decarbonization of the electricity sector. A quorum of Commissioners may participate, but no votes will be taken.

**September 24, 2019**

10:00 AM

Warren-Alquist State Energy Building  
Art Rosenfeld Hearing Room, First Floor  
1516 Ninth Street, Sacramento, California 95814  
(Wheelchair Accessible)

Remote access is available by computer or phone via WebEx.™

For details, go to <https://energy.webex.com/>

### **Agenda**

The California Energy Commission (CEC) and the California Air Resources Board will provide an overview of California's climate and energy policies. Researchers will discuss scenarios for achieving decarbonization and the assumptions and sensitivities that went into the development of those scenarios. Utility representatives, researchers, and academics will discuss considerations for achieving deep decarbonization.

A detailed meeting schedule will be posted prior to the workshop at [http://www.energy.ca.gov/2019\\_energy policy/](http://www.energy.ca.gov/2019_energy policy/).

### **Background**

Assembly Bill (AB) 32 (Núñez, Chapter 488, Statutes of 2006), the California Global Warming Solutions Act of 2006, established a goal of reducing greenhouse gas (GHG) emissions to 1990 levels by 2020. In 2015, former California Governor Edmund G.

Brown Jr. issued Executive Order B-30-15, establishing a GHG target of 40 percent below 1990 levels by 2030. This was codified in 2016 with Senate Bill (SB) 32 (Pavley, Chapter 249, Statutes of 2016). In 2018, SB 100 (de León, Chapter 310, Statutes of 2018) set a planning target of 100 percent zero-carbon electricity resources by 2045 and increased the 2030 renewables target from 50 percent to 60 percent. Former Governor Brown also issued Executive Order B-55-18 with a new statewide goal to achieve carbon neutrality (zero-net GHG emissions) by 2045 and to maintain net negative emissions thereafter.

Since the passage of AB 32, the state has adopted a number of energy policies and programs with GHG emissions reduction goals. This has resulted in a 37.6 percent reduction of GHG emissions from the electricity sector in 2016, surpassing the 2020 goal and nearly meeting the 2030 goal. Steep reductions in energy-related GHG emissions are necessary to achieve the 2045 goal. This workshop will provide a high level overview and discussion of various deep decarbonization pathways and subjects critical to achieving deep decarbonization.

## **Public Comment**

**Oral Comments:** Commissioners will accept oral comments at the end of the workshop. Public comments may be limited to three minutes or less per speaker and to one person per organization. If participating via WebEx, use the “raise hand feature” so the administrator can introduce you and unmute your microphone after comments from the floor.

**Written comments.** Written comments must be submitted to the Docket Unit by **5:00 p.m. on October 8, 2019.**

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 2019 IEPR, the Energy Commission encourages the use of its electronic commenting system.** Visit <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-IEPR-07>, 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 or mail if you choose not to use the electronic filing system. Include the docket number 19-IEPR-07 and Near-Zero Carbon Electricity in the subject line and send 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  
Re: Docket No. 19-IEPR-07  
1516 Ninth Street  
Sacramento, California 95814-5512

## Public Advisor and Other Commission Contacts

CEC's Public Advisor's Office provides the public assistance in participating in Commission proceedings. For information on how to participate in this forum, please contact Interim Public Advisor, Jennifer Martin Gallardo, at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) (916) 654-4489, or toll free at (800) 822-6228.

Please direct requests for reasonable accommodation to Yolanda Rushin at [yolanda.rushin@energy.ca.gov](mailto:yolanda.rushin@energy.ca.gov) or (916) 654-4310 at least five days in advance.

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

Questions on the technical subject matter of this meeting, should be directed to Le-Quyen Nguyen at [le-quyen.nguyen@energy.ca.gov](mailto:le-quyen.nguyen@energy.ca.gov) or (916) 654-4650.

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

## Remote Attendance

WebEx is the Energy Commission's online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen, and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

**Via Computer:** Go to <https://energy.webex.com/ec>. If this event is listed, click "Join" If not, click "Unlisted Events" on the left of the screen and enter Event Number **924 942 934**. When prompted, enter your name and email address. No password is needed.

The "Join Conference" menu will offer you a choice of audio connections:

1. To call into the meeting, select "I will call in" and follow the on-screen directions.
2. International attendees, select "Global call-in number."
3. To have WebEx call you, enter your phone number and click "Call Me."
4. For Internet audio: If you have a broadband connection, a headset, or a computer microphone and speakers, you may use VoIP (Internet audio). Go to the audio menu and click "Use Computer Headset," then "Call Using Computer."

**Via Telephone Only:** (no visual presentation): Dial 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted, enter the Event Number (from above). International callers may select a number from <https://energy.webex.com/energy/globalcallin.php>.

**Via Mobile Device:** Download the application from [www.webex.com/products/web-conferencing/mobile.html](http://www.webex.com/products/web-conferencing/mobile.html).

If you have difficulty joining the meeting, please call the WebEx Technical Support number at (866) 229-3239.

### **Availability of Documents**

Documents and presentations for this meeting will be available online at [https://www.energy.ca.gov/2019\\_energypolicy/documents/](https://www.energy.ca.gov/2019_energypolicy/documents/) or <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-IEPR-07>  
When new information is posted, an email will be sent to those on the energypolicy listserv. Those interested in receiving these notices can subscribe in the lower right corner at [http://www.energy.ca.gov/2019\\_energypolicy/](http://www.energy.ca.gov/2019_energypolicy/), or alternatively manage existing listservs or sign up for others here [https://www.energy.ca.gov/listservers/index\\_cms.html](https://www.energy.ca.gov/listservers/index_cms.html).

Dated: September 13, 2019, at Sacramento, California

Original signed by:

---

Janea A. Scott  
Lead Commissioner  
*2019 Integrated Energy Policy Report*

Mail Lists: energypolicy, electricity, natural gas, transportation