

## DOCKETED

<b>Docket Number:</b>	15-MISC-05
<b>Project Title:</b>	2015 Bulk Storage Workshop
<b>TN #:</b>	206535
<b>Document Title:</b>	Bulk Storage Workshop Notice
<b>Description:</b>	Workshop: November 20, 2015
<b>Filer:</b>	Muoi-Lynn Tran
<b>Organization:</b>	California Energy Commission
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**CALIFORNIA ENERGY COMMISSION  
CALIFORNIA PUBLIC UTILITIES COMMISSION**



In the matter of,	)	Docket No. 15-MISC-05
	)	
<i>Lead Commissioner for Electricity and</i>	)	<b>NOTICE OF WORKSHOP</b>
<i>Natural Gas</i>	)	
	)	RE: Bulk Storage Workshop
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## **Notice of Joint California Energy Commission and California Public Utilities Commission Long-Term Procurement Plan Workshop on Bulk Energy Storage**

The California Energy Commission Lead Commissioner for Electricity and Natural Gas and the California Public Utilities Commission (CPUC) Assigned Commissioner for the Long-Term Procurement Plan (LTPP) proceeding will conduct a joint workshop to investigate issues concerning bulk energy storage including the barriers for new projects to become commercially operational.

Chair Weisenmiller is the Lead Commissioner from the Energy Commission and President Picker is the Assigned Commissioner from the CPUC. California Independent System Operator President and CEO Stephen Berberich as well as other Commissioners from the Energy Commission and the California Public Utilities Commission may also attend and participate in the workshop. This workshop will be held on:

**FRIDAY, NOVEMBER 20, 2015**  
10:00 AM  
CALIFORNIA ENERGY COMMISSION  
1516 Ninth Street  
First Floor, Art Rosenfeld Hearing Room  
Sacramento, California  
(Wheelchair Accessible)

Remote Access Available by Computer or Phone via WebEx™  
For details, go to [www.energy.ca.gov/webcast](http://www.energy.ca.gov/webcast).

### **Background**

On April 29, 2015, Governor Edmund G. Brown Jr. signed Executive Order [B-30-15](#), establishing a new statewide goal to reduce greenhouse gas emissions 40 percent below 1990 levels by 2030. As a result [The Clean Energy and Pollution Reduction Act of 2015](#)

(Senate Bill 350, DeLeón, 2015) subsequently codified two of the Governor's goals for reducing carbon emissions: increasing renewable electricity to 50 percent by 2030, and doubling energy efficiency savings by 2030. These goals could increase the need for flexible capacity in order to balance the system.

This informational workshop looks to explore the issues and barriers of interconnecting bulk storage into the grid as one possible option to address any identified flexibility need.

## Agenda

- Introduction
- Opening comments
- Presentation by CAISO and Energy + Environmental Economics
- Panel discussion on existing large-scale energy storage projects
- Lunch
- Panel discussion on potential large-scale energy storage projects and identification of barriers
- Agency discussion of potential policy next steps
- Public Comment

## Public Comment

**Oral Comments:** Commissioners will accept oral comments during the workshop. Public comments may be limited to three minutes or less per speaker. Any comments will only become part of the public record for the Energy Commission part of this proceeding and participants should not expect their comments to be part of the LTPP proceeding.

**Written Comments:** Written comments should be submitted to the Dockets Unit by 4:00 p.m., December 18, 2015. All written comments will only become part of the public record for the Energy Commission part of this proceeding and participants should not expect their comments if filed to be part of the LTPP proceeding.

**For the Bulk Storage Workshop, the Energy Commission is using a new electronic commenting system.** Visit the website at <http://www.energy.ca.gov/research/notices/> and click on the link to this workshop.

This will take you to the page for adding comments to the workshop docket. Please enter your contact information and comment title. Under "subject(s)," select November 20 and "Bulk Storage Workshop public comments." You may include comments in the box titled "Comment Text" or attach a file with your comments. Attached comments must be in a Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) formatted file.

The Energy Commission encourages use of its electronic commenting system, but written comments may also be submitted by e-mailing them to the Dockets Office, or by U.S. Mail to:

California Energy Commission  
Dockets Office, MS-4  
Re: Docket No. 15-MISC-05  
1516 Ninth Street  
Sacramento, CA 95814-5512

If you choose not to use the electronic filing system, please include the appropriate docket number on any e-mailed or written comments. Comments may be e-mailed to [docket@energy.ca.gov](mailto:docket@energy.ca.gov) and copy the technical lead, Kevin Barker, by e-mail at [Kevin.Barker@energy.ca.gov](mailto:Kevin.Barker@energy.ca.gov).

Please note that your electronic, e-mailed, written and oral comments, attachments, and associated contact information (for example, address, phone, and e-mail) become part of the viewable public record. Additionally, this information may become available via Google, Yahoo, and other search engines.

## **Public Adviser and Other Commission Contacts**

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact the Public Adviser, Alana Mathews, by e-mail at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov) or (916) 654-4489, or toll free at (800) 822-6228.

If you have a disability and require assistance to participate, please contact Lou Quiroz by e-mail at [lou.quiroz@energy.ca.gov](mailto:lou.quiroz@energy.ca.gov) or (916) 654-5146 at least five days in advance.

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

If you have questions on the technical subject matter of this meeting, please contact Kevin Barker, at 916-654-5036 or [kevin.barker@energy.ca.gov](mailto:kevin.barker@energy.ca.gov), or Neal Reardon, at 415-703-5274 or [neal.reardon@cpuc.ca.gov](mailto:neal.reardon@cpuc.ca.gov).

## **Remote Attendance**

You may participate in this workshop through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to the audio via your computer or telephone. Please be aware that the workshop will be recorded.

## To join the workshop:

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: **928 855 431**. When prompted, enter your information and the following meeting password: **meeting@10**

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: Click on the "Global call-in number" link.
3. To have WebEx call you: Enter your phone number and click "Call Me."
4. To listen over the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, you may use VoIP (Internet audio) by going to the Audio menu, clicking on “Use Computer Headset,” then “Call Using Computer.”

VIA TELEPHONE ONLY (no visual presentation): Call (866) 469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number: **928 855 431**.

International callers may select their number from  
<https://energy.webex.com/energy/globalcallin.php>.

VIA MOBILE ACCESS: Access to WebEx meetings is now available from your mobile device. To download an app, go to [www.webex.com/overview/mobile-meetings.html](http://www.webex.com/overview/mobile-meetings.html).

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

## Availability of Documents

The service list for the 2015 IEPR is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at [www.energy.ca.gov/research/notices/](http://www.energy.ca.gov/research/notices/).

Date: 11/6/15



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ROBERT B. WEISENMILLER, Ph.D.  
Chair  
California Energy Commission



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MICHAEL PICKER  
President  
California Public Utilities Commission

Mail Lists: energypolicy, IEPR, renewable, transmission, electricity, EPIC, research