

## DOCKETED

<b>Docket Number:</b>	17-IEPR-06
<b>Project Title:</b>	Doubling Energy Efficiency Savings
<b>TN #:</b>	215678
<b>Document Title:</b>	Notice of Joint Agency IEPR Workshop on Energy Demand Forecast and Doubling of Energy Efficiency - Data and Analytical Needs
<b>Description:</b>	*** This document is also filed in Docket No. 16-IEPR-05, TN 212016 *** - July 11, 2016 IEPR Update Joint Agency Workshop
<b>Filer:</b>	Patty Paul
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	1/31/2017 2:08:52 PM
<b>Docketed Date:</b>	1/31/2017

## DOCKETED

<b>Docket Number:</b>	16-IEPR-05
<b>Project Title:</b>	Electricity Demand Forecast
<b>TN #:</b>	212016
<b>Document Title:</b>	Notice of Joint Agency IEPR Workshop on Energy Demand Forecast and Doubling of Energy Efficiency - Data and Analytical Needs
<b>Description:</b>	July 11, 2016 IEPR Update Joint Agency Workshop
<b>Filer:</b>	Laura Laurent
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	6/29/2016 1:35:33 PM
<b>Docketed Date:</b>	6/29/2016



In the matter of,

*2016 Integrated Energy Policy Report  
Update (2016 IEPR Update)*

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Docket No. 16-IEPR-05

JOINT AGENCY WORKSHOP

RE: Energy Demand Forecast and  
Energy Efficiency

## **Notice of Joint Agency IEPR Workshop on Energy Demand Forecast and Doubling of Energy Efficiency - Data and Analytical Needs**

The California Energy Commission and the California Public Utilities Commission will jointly conduct an Integrated Energy Policy Report (IEPR) workshop to discuss existing and emerging analytical data, tools, and approaches that could assist in establishing energy efficiency targets, evaluating energy savings, and integrating such data into the energy demand forecast.

Commissioner Karen Douglas is the Lead Commissioner for the *2016 Integrated Energy Policy Report Update (2016 IEPR Update)* and will be joined by Chair Robert B. Weisenmiller and Commissioner J. Andrew McAllister of the California Energy Commission, and President Michael Picker and Commissioner Carla Peterman of the California Public Utilities Commission. Representatives of the California Independent System Operator and the California Air Resources Board may also be in attendance. Other Commissioners from the Energy Commission and the California Public Utilities Commission may also attend and participate in the workshop. A quorum of Commissioners from the Energy Commission and the California Public Utilities Commission may be in attendance, but no votes will be taken.

**Monday, July 11, 2016**

10:00 a.m.

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**

Public Resources Code Sections 25302(a) and (b) direct the Energy Commission to adopt an IEPR every odd-numbered year and in even-numbered years issue an energy policy review to update analyses from the previous IEPR or to raise energy issues that have emerged since the previous proceeding.

As required by Senate Bill 1389 (Bowen, Statutes of 2002, Chapter 568), the Energy Commission conducts "assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand and prices." These assessments and forecasts of the state's electricity and natural gas markets, including statewide and regional electricity and natural gas demand, incorporate factors leading to future demand growth, such as changes in economic activity, population growth, urban development, industrial expansion, energy intensity changes, and energy and environmental policies in these assessments. Long-range assessments of demand for grid-delivered power also need to account for effects of the complex interactions among many public policies such as energy efficiency, demand response, customer-side-of-the-meter distributed generation, and the electrification of the transportation sector. The Energy Commission uses these assessments and forecasts to provide an analytic foundation for developing energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety.

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. The Clean Energy and Pollution Reduction Act of 2015 (Senate Bill 350, DeLeón, Statutes of 2015, Chapter 547, section 2) (SB 350) subsequently codified reducing California's greenhouse gas emissions 40 percent below 1990 levels and two of the Governor's goals for reducing greenhouse gas emissions: increasing renewable electricity procurement to 50 percent by 2030, and establishing targets that achieve a cumulative doubling of statewide energy savings for all retail natural gas and electricity end-users by 2030.

To help support the state's long-term greenhouse gas reduction goals and the development of the state's energy demand forecast, the Energy Commission and the California Public Utilities Commission are exploring existing and emerging analytical data, tools, and approaches that could assist in establishing energy efficiency targets, evaluating energy savings, and integrating such data into the energy demand forecast.

## **Agenda**

The workshop will include presentations from state government agencies, utilities, stakeholder groups, researchers, and other interested parties on current energy demand forecasting methods and energy efficiency evaluation and verification practices. The workshop will also explore how granular energy-use data and modern data analytics may enhance energy demand forecast methods and energy efficiency evaluation and verification practices. Furthermore, participants during the workshop will discuss how these

improvements may assist the Energy Commission and the California Public Utilities Commission in developing statewide energy efficiency targets, and how the agencies track, account for, and achieve targets that lead to a cumulative doubling of energy efficiency savings from all retail end-users by 2030 as codified in SB 350.

## **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 become part of the public record in this proceeding.

**Written Comments:** Written comments should be submitted to the Dockets Unit by **5:00 p.m. on July 25, 2016**. All written comments will become part of the public record of this proceeding.

**For the 2016 IEPR Update, the Energy Commission is using an electronic commenting system.** Visit the website at [http://www.energy.ca.gov/2016\\_energypolicy/](http://www.energy.ca.gov/2016_energypolicy/) and click on the “**Submit e-Comment**” link in the “Proceeding Information” box. From the drop down menu, please select the appropriate docket number. For this workshop, please select docket 16-IEPR-05 – Electricity Demand Forecast.

This will take you to the page for adding comments to that docket. Please enter your contact information and comment title. Under “subject(s),” select the appropriate IEPR workshop date and “IEPR 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. 16-IEPR-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, Cary Garcia, by e-mail at [cary.garcia@energy.ca.gov](mailto:cary.garcia@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 Cary Garcia, Chief Forecaster, by e-mail at [cary.garcia@energy.ca.gov](mailto:cary.garcia@energy.ca.gov) or (916) 653-2922. For general questions regarding the IEPR proceeding, please contact Raquel Kravitz, IEPR project manager, by e-mail at [raquel.kravitz@energy.ca.gov](mailto:raquel.kravitz@energy.ca.gov) or (916) 651-8836.

The service list for the *2016 IEPR Update* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at [www.energy.ca.gov/2016\\_energypolicy/](http://www.energy.ca.gov/2016_energypolicy/).

When new information is posted, an e-mail will be sent to those on the energy policy e-mail listserv. We encourage those who are interested in receiving these notices to sign up for the listserv through the website at [www.energy.ca.gov/listservers/index.html](http://www.energy.ca.gov/listservers/index.html). The listserv is titled "energypolicy."

## **Remote Attendance**

You may participate in this meeting 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 meeting will be recorded.

### **To join a meeting:**

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: **926 243 258**. A password is not necessary to join the meeting.

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: **926 243 258**. 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

Documents and presentations for this meeting will be available online at: [www.energy.ca.gov/2016\\_energy policy/](http://www.energy.ca.gov/2016_energy policy/).

Date: June 29, 2016



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KAREN DOUGLAS  
Lead Commissioner  
*2016 Integrated Energy Policy Report Update*

Mail Lists: [energypolicy](#); [efficiency](#); [electricity](#); [verification](#); [implementationsb350](#)