

DOCKETED

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CALIFORNIA ENERGY COMMISSION1516 Ninth Street
Sacramento, California 95814Main website: www.energy.ca.gov

In the matter of,)	Docket No. 15-IEPR-06
)	
<i>2015 Integrated Energy Policy Report (2015</i>)	NOTICE OF COMMISSIONER
<i>IEPR)</i>)	WORKSHOP
)	
)	RE: Renewable Progress,
)	Challenges, and Opportunities

Notice of Commissioner Workshop on Renewable Progress, Challenges, and Opportunities

The California Energy Commission Lead Commissioner for Renewables will conduct a workshop to discuss progress on actions identified in the *2012 IEPR Update* Renewable Action Plan and to solicit stakeholder input on issues and potential solutions for reaching Governor Brown's goal of renewables for 50 percent of California's electricity use by 2030.

Commissioner Andrew McAllister is the Lead Commissioner for the *2015 IEPR*. Commissioner David Hochschild is the Lead Commissioner for Renewables. Other Commissioners from the Energy Commission and the California Public Utilities Commission may also attend and participate in the workshop.

Monday, May 11, 2015

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.

Background

The *2012 IEPR Update* included a Renewable Action Plan in response to direction in Governor Brown's 2010 Clean Energy Jobs Plan for the Energy Commission to prepare a plan to "expedite permitting of the highest priority [renewable] generation and

transmission projects.”¹ The intent was to support investments in renewable energy that will create new jobs and businesses, increase energy independence, and protect public health. The Renewable Action Plan was based on five overarching strategies to support renewable development that were identified in the *Renewable Power in California: Status and Issues* report, published in the 2011 IEPR proceeding:²

- Prioritizing geographic areas for renewable development.
- Evaluating costs and benefits of renewable projects.
- Minimizing interconnection and integration costs and time.
- Promoting incentives for projects that create in-state jobs and economic benefits.
- Promoting and coordinating existing financing and incentive programs for critical stages in the renewable development continuum.

The Renewable Action Plan presented recommended actions for each of these strategies based on public workshops and comments from various communities, industries, and state and local agencies throughout California.

In his inaugural address remarks on January 5, 2015, Governor Brown stated that California is well on its way to meeting the Assembly Bill 32 (Nunez, Chapter 488, Statutes of 2006) goal of reducing carbon pollution and limiting emissions, but that it is time to establish the next set of objectives for 2030 and beyond. Governor Brown proposed a goal of increasing the amount of electricity derived from renewable sources from one-third to 50 percent.

Possible strategies to reach a 50 percent renewable target include:³

- A new utility procurement requirement that focuses on optimizing clean energy technologies, efficiency, and demand management programs according to costs and system benefits.
- A new procurement requirement to increase renewables beyond 33 percent, including allowing for rooftop solar and better coordination with Western states and Baja California to maximize renewable energy production and better balance production with demand.
- A clean energy standard requiring reductions in greenhouse gas emissions of electricity sold in California based upon the loading order.

Agenda

The workshop will include:

¹ http://www.energy.ca.gov/2012_energy/policy/

² <http://www.energy.ca.gov/2011publications/CEC-150-2011-002/CEC-150-2011-002-LCF-REV1.pdf>

³ http://www.energy.ca.gov/commission/fact_sheets/documents/Fact_Sheet_-_50_Percent_Renewables.pdf

- A high-level overview of progress toward implementing actions recommended in the *2012 IEPR Update Renewable Action Plan*.
- An open discussion among stakeholder representatives on new issues and challenges associated with achieving the Governor's 50 percent renewable target (see attached discussion questions).
- A panel discussion of electricity system reliability with high penetrations of renewable resources.
- An update from publicly owned utilities on meeting the 33 percent Renewables Portfolio Standard, meeting Senate Bill 1 (Murray, Chapter 132, Statutes of 2006) goals, and plans to meet the Governor's 50 percent renewable target.

Public Comment

Oral Comments: Staff will accept oral comments during the workshop. Public comments may be limited to three minutes per speaker. Any comments will become part of the public record in this proceeding.

Stakeholders interested in participating in the discussion on new issues and challenges with achieving a 50 percent renewable target must contact Angela Gould, RPS Verification and Compliance Lead, at (916) 654-4881 or by e-mail at angela.gould@energy.ca.gov no later than May 7, 2015. Due to space constraints, a limited number of stakeholders will be seated at the discussion table. Time will be allotted for stakeholders not seated at the table to provide oral comments.

Written Comments: Written comments should be submitted to the Dockets Unit by 4:00 p.m. **May 26, 2015**. All written comments will become part of the public record of this proceeding.

For the 2015 IEPR, the Energy Commission is using a new electronic commenting system. Visit the website at http://www.energy.ca.gov/2015_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 **15-IEPR-06 – Renewable Energy**.

This will take you to the page for adding comments to that docket. Please enter your contact information and comment title. Select the appropriate IEPR workshop date and "IEPR public comments" under "subject(s)." 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 new 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-IEPR-06
 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 and copy the technical lead, Angela Gould, at angela.gould@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, at 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 at 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 at mediaoffice@energy.ca.gov or (916) 654-4989.

If you have questions on the technical subject matter of this meeting, please contact Angela Gould, RPS Verification and Compliance Lead, at (916) 654-4881 or by e-mail at angela.gould@energy.ca.gov. For general questions regarding the IEPR proceeding, please contact Raquel Kravitz, IEPR project manager, at (916) 651-8836 or by e-mail at raquel.kravitz@energy.ca.gov.

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/2015_energy_policy/.

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. 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 may be recorded.

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If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

Availability of Documents

Documents and presentations for this meeting will be available online at: www.energy.ca.gov/2015_energypolicy/

Date: April 29, 2015



ANDREW McALLISTER, Ph.D.
Lead Commissioner
2015 Integrated Energy Policy Report



DAVID HOCHSCHILD
Lead Commissioner
Renewables

Mail Lists: [energypolicy](#), [renewable](#)

Questions for Open Stakeholder Discussion on New Issues and Challenges Associated with a 50% Renewable Target

1. What should a 50% renewable policy framework look like? How much should it rely on what is already in place versus a complete redesign of the existing policy structure? Should it replace the current Renewables Portfolio Standard requirement or work in tandem with it?
2. What are the operational challenges of a 50% renewable policy framework?
3. Should a 50% renewable policy maintain the current RPS policy of technology neutrality, or should it favor technologies that provide specific benefits to the system?
4. Should renewable procurement under a 50% renewable policy framework differ from current procurement practices? If so, how?
5. What are the roles of DG, energy efficiency, demand response, storage, microgrids, electric vehicles, and electrification of the building heating sector in achieving a 50% renewable target?