

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

In the matter of,)	Docket No. 12-IEP-1D
)	
<i>2012 Integrated Energy Policy Report</i>)	WORKSHOP
<i>Update (2012 IEPR Update)</i>)	RE: Renewable Integration in
_____)	California

Lead Commissioner Workshop on Renewable Integration Costs, Requirements, and Technologies

The California Energy Commission Lead Commissioner on the Integrated Energy Policy Report (IEPR) will conduct a workshop to gather input on issues related to integration of renewable resources in California with the goal of developing strategies to minimize integration costs and requirements at both the transmission and distribution levels. Commissioner Carla Peterman oversees the *2012 Integrated Energy Policy Report Update*. Other Commissioners may attend the workshop. Other agency representatives may also attend and participate.

MONDAY, JUNE 11, 2012

Beginning at 9 a.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

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(Instructions below)

Agenda

The purpose of this workshop is to seek input from experts, stakeholders, and the general public on integration issues related to increased penetration of renewables in California's electricity system. The workshop will address:

- Ancillary services needed to integrate renewable resources while maintaining grid reliability and how those needs may change over time.
- Comparison of integration services that could be provided by energy storage, demand response, and/or natural-gas fired plants.

This workshop will provide information needed to implement the following overarching strategy to address barriers to renewable development that was identified in the Energy Commission's *Renewable Power in California: Status and Issues* report:

Develop a strategy that minimizes interconnection costs and time, and also minimizes integration costs and requirements at the distribution level (such as the use of remote telemetry and other smart grid technologies) and the transmission level (such as improved forecasting, the development of an energy imbalance market, and procurement of dispatchable renewable generation), and that strives for cost reductions and improvements to integration technologies, including storage, demand response, and the best use of the state's existing natural gas-fired power plant fleet.

The Lead Commissioner will consider input from this workshop together with other information from the *2012 IEPR Update* proceeding to develop specific strategies and action items to facilitate renewable integration at both the distribution and transmission level to support meeting California's renewable energy goals for 2020 and beyond.

Background

Governor Brown's Clean Energy Jobs Plan directed the Energy Commission to develop a plan to expedite permitting of the highest priority renewable generation and transmission projects. As part of the *2011 Integrated Energy Policy Report*, the Energy Commission prepared the *Renewable Power in California: Status and Issues Report* which discussed challenges to renewable development and current efforts to address those challenges.

The report identified five high-level strategies to address challenges to renewable development. These strategies, including the strategy that is the subject of this workshop, are the foundation for a more comprehensive renewable strategic plan that is being developed under the *2012 Integrated Energy Policy Report Update* proceeding.

Public Comment

Oral Comments. The IEPR Lead Commissioner will accept oral comments during the workshop. Comments may be limited to three minutes 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 **June 18, 2012**. Written comments will also be accepted at the workshop; however, the Energy Commission may not have time to review them before the conclusion of the workshop. All written comments will become part of the public record of this proceeding. Additionally, written comments may be posted to the Energy Commission's website.

The Energy Commission encourages comments by e-mail. Please include your name and organization name, if any. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please include the docket number 12-IEP-1D and indicate "Renewable Integration Costs, Requirements, and Technologies" in the

subject line. Send comments to docket@energy.ca.gov and copy the technical lead staff at Heather.Raitt@energy.ca.gov.

If you prefer, you may send a paper copy of your comments to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 12-IEP-1D
1516 Ninth Street
Sacramento, CA 95814-5512

Public Adviser and Other Commission Contacts

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If you have a disability and require assistance to participate, please contact Lou Quiroz at LQuiroz@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 (916) 654-4989, or by e-mail at mediaoffice@energy.ca.gov.

If you have questions on the technical subject matter of this meeting, please call Heather Raitt, Assistant Executive Director at (916) 654-4735 or by e-mail at Heather.Raitt@energy.ca.gov. For general questions regarding the IEPR proceeding, please contact Lynette Green, IEPR project manager, at (916) 653-2728 or Lynette.Green@energy.ca.gov.

The service list for the *2012 IEPR Update* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at [www.energy.ca.gov/2012_energypolicy/index.html]. When new information is posted, an e-mail will be sent to those on the energy policy e-mail list server. We encourage those who are interested in receiving these notices to sign up for the list server through the website www.energy.ca.gov/listservers/index.html.

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Availability of Documents

Documents and presentations for this meeting will be available online at: www.energy.ca.gov/2012_energypolicy/index.html

Date: May 24, 2012

CARLA PETERMAN
Lead Commissioner
2012 Integrated Energy Policy Report

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