

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

In the matter of,)	Docket No. 11-IEP-1G, 11-IEP-1H
)	
Preparation of the)	COMMITTEE WORKSHOP
<i>2011 Integrated Energy Policy Report</i>)	RE: Distribution Infrastructure and
<i>(2011 IEPR)</i>)	Smart Grid Solutions to
		Advance 12,000 MW of DG.

Committee Workshop on Distribution Infrastructure Challenges and Smart Grid Solutions to Advance 12,000 Megawatts of Distributed Generation

The California Energy Commission's Integrated Energy Policy Report (IEPR) Committee will conduct a workshop to discuss advancing the state's goals to integrate 12,000 megawatts (MW) of distributed generation (DG) into California's distribution infrastructure using smart grid solutions. The workshop will bring together investor- and publicly owned utilities, stakeholders, and the public to discuss topics including: aging distribution infrastructure and equipment; use of distribution automation, communication and control technologies; standards to ensure DG and distribution system interoperability; and smart grid research, development, and demonstration programs that will support achieving California's energy and environmental policy targets. Chair Robert Weisenmiller is the Presiding Member and Commissioner Karen Douglas is the Associate Member. Other Commissioners may attend and participate in this workshop. Commissioners and staff from the California Public Utilities Commission may also attend and participate.

WEDNESDAY, JUNE 22, 2011

Beginning at 9:30 a.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

Remote Attendance and Availability of Documents

Internet Webcast - Presentations and audio from the meeting will be broadcast via our WebEx web meeting service. For details on how to participate via WebEx, please see the “Remote Attendance” section toward the end of this notice.

Documents and presentations for this meeting will be available online at:

[www.energy.ca.gov/2011_energypolicy/index.html]

Purpose

The IEPR Committee is providing an opportunity for investor-owned utilities, publicly owned utilities, and other interested stakeholders and parties to participate in a workshop specifically focusing on electric distribution system challenges and issues related to integrating renewable DG resources.

Background

On April 12, 2011, Governor Brown signed SB 2 X1 (Simitian, 2011, Chapter 1, Statutes of 2011-12 First Extraordinary Session). This new law requires 33 percent of all electricity generated in the state to come from renewable resources by 2020. In addition, the Governor’s Clean Energy Jobs Plan calls for 12,000 MW of renewable localized electricity generation by 2020. Many of these small renewable energy systems will all be connected to utilities’ distribution systems throughout the state. The challenge will be to safely, quickly, and economically integrate and optimize these new energy resources using aging distribution systems that were not designed to accommodate this type of generation.

As utilities rebuild, upgrade, and ultimately redesign their distribution systems, they will have to make choices that balance the need for continued reliability while making progress towards meeting state renewable policy and environmental goals. Increasingly, utilities will include investments in “smart” distribution equipment that can sense and adjust for conditions on remote circuits, as well as collect data and information that can be used to improve grid management and optimize the use of the full range of distributed energy resources (for example, customer meters, demand response, renewable DG, storage, plug-in vehicles, and so forth). The variety and capabilities of utilities to respond to increased requests to interconnect renewable DG are not uniform, so progress toward meeting these goals will vary from utility to utility.

Written Comments

Written comments on the meeting topics must be submitted by **5 p.m. on July 6, 2011**. Please include the docket number 11-IEP-1G, 11-IEP-1H and indicate “Distribution Infrastructure and Smart Grid” in the subject line or first paragraph of your comments.

All filings in the IEPR proceeding may now be done electronically. Please send your comments in either Microsoft Word format or as a Portable Document File (PDF) by electronic mail to [doCKET@energy.state.ca.us] and copy the technical lead staff, Linda Kelly at [lkelly@energy.state.ca.us] or send them on a Compact Disc to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 11-IEP-1G, 11-IEP-1H
1516 Ninth Street
Sacramento, CA 95814-5512

Please include your name or organization's in the name of the file. Signatures may be indicated on electronic copies by embedding a scanned signature graphic, "Original signed by" or similar words, or a scanned copy of the signature page may be appended to the electronic file.

A hardcopy original may also be submitted to the Dockets Office during the workshop comment window. All written materials relating to this workshop will be filed with the Dockets Office and become part of the public record in this proceeding.

Public Participation

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission activities. If you want information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [PublicAdviser@energy.state.ca.us] If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media and Public Communications Office at (916) 654-4989, or by e-mail at [mediaoffice@energy.state.ca.us].

If you have questions on the technical subject matter of this meeting, please contact Linda Kelly at (916) 654-4815, or by e-mail at [lkelly@energy.state.ca.us]. For general questions regarding the IEPR proceeding, please contact Lynette Green, IEPR project manager, at (916) 653-2728, or by e-mail at [lesterno@energy.state.ca.us].

The service list for the *2011 IEPR* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website at [www.energy.ca.gov/2011_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].

Remote Attendance

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

Computer Log-on with Telephone Audio:

1. Please go to [<https://energy.webex.com>] and enter the unique meeting number: **498 335 714**.
2. When prompted, enter your name other information as directed and the meeting password: **meeting@930**. (Please note that password is case sensitive.)

Teleconference:

After logging in on the computer, an AUDIO CONFERENCE BOX will offer you the choice of phone connections:

1. TO HAVE WEBEX CALL YOU BACK: Type your area code and phone number and click "Call Me".
2. TO CALL INTO THE TELECONFERENCE: Use the drop-down box to select "I will call in" and follow the on-screen directions.
3. INTERNATIONAL CALLERS: Click on the "Global call-in number" link in part (2) above
4. TO LISTEN OVER THE COMPUTER: If you have the needed equipment and your computer is configured, click on "Use Computer Headset" and then "Call Using Computer" to use VoIP (Internet phone)

TELEPHONE ONLY (NO COMPUTER ACCESS): Call 1-866-469-3239 (toll-free in the U.S. and Canada) and when prompted enter the unique meeting number: **498 335 714**. International callers can select their number from [<https://energy.webex.com/energy/globalcallin.php>].

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

Dated: June 3, 2011

ROBERT B. WEISENMILLER
Chair and Presiding Member
Integrated Energy Policy Report Committee

KAREN DOUGLAS
Commissioner and Associate Member
Integrated Energy Policy Report Committee

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