

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



Public Interest Energy Research (PIER) Staff Workshop on Community Scale Renewable Energy Development, Deployment and Integration

California Energy Commission Staff will conduct a workshop to gather stakeholder input on the upcoming Community Scale Renewable Energy Development, Deployment and Integration solicitation. This workshop is to gather input to refine the content of the solicitation and ensure that the resulting projects provide the most significant benefits to customers, communities, and California as a whole.

January 10, 2012

1:30 p.m. – 4 p.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

First Floor, Hearing Room A

Sacramento, California

(Wheelchair Accessible)

This is a staff workshop however Commissioners may attend.

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:

<http://www.energy.ca.gov/research/notices/>

Purpose

As California strives to reach its renewable energy goals, more focus is being placed on localized community-scale deployment (less than 10 megawatts). Currently, there is room for vast improvement to the tools, techniques and technologies used to make

optimum use of renewable energy deployment at this scale. Furthermore, each community has access to a distinct set of renewable resources that require unique considerations, such as mitigating the effects of high-penetration intermittent generation. Research and demonstration projects are necessary in order to quantify the impacts of increasing renewable penetrations and develop optimized community-specific solutions that also integrate seamlessly into the utilities power grid. Additionally, breakthrough renewable energy technologies will need to be developed in order to meet California's renewable energy goals.

Background

In 2008, the Energy Commission released the Renewable Energy Secure Community (RESCO) solicitation, which aimed to help communities optimize local energy plans and demonstrate primary reliance on locally-available renewables. This RESCO program opportunity notice (PON) was widely popular and received more than 50 proposals that led to the 13 highest scoring projects receiving funding, for a total of \$12 million. Several projects that received a passing technical merit score, however, were not awarded due to funding constraints.

In late 2010, members of the Public Interest Energy Research (PIER) Advisory Board expressed interest in demonstration projects to showcase renewable energy and provide near-term benefits to California electricity ratepayers. Staff responded to this concern and began to develop a potential renewable energy integration demonstration program, which built on the ideas of the original 2008 RESCO solicitation.

In July 2011, Energy Commission staff surveyed the recipients of the first round of RESCO funding to gather feedback and recommendations to improve future solicitations in this area. Staff used the recommendations received in response to this contractor survey as one of several sources of input to formulate the proposed Renewable Energy Deployment and Integration solicitation. One of the major recommendations is that utilities should play an increased role in any future renewable energy integration demonstration and exploration projects.

On January 10, 2012, Energy Commission staff will conduct a public workshop to gather more information about ways that community-scale renewable energy integration demonstrations can successfully integrate with California's Investor-Owned Utilities (IOUs) power grid. The goal of the workshop will be to solicit input from utilities, stakeholders and members of the public to ensure that the most relevant topics are addressed in the renewable energy deployment and integration proposals funded under this solicitation.

To ensure that there is continued innovation in California's energy technology pipeline, research and development should be conducted into developing promising renewable energy technologies and applications. In early 2011, staff funded research to support

utility-scale technologies and applications that would make a significant impact towards California's renewable portfolio standard goals. Governor Brown's Clean Energy Jobs Plan outlines 60 percent of the additional renewable generation is expected to come from localized resources, over the next ten years and the Energy Commission has identified developing potentially breakthrough community scale technologies and applications as an additional priority in this solicitation. Additional RESCO information is available at <http://www.energy.ca.gov/research/renewable/community.html>.

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 [\[mediaoffice@energy.state.ca.us\]](mailto:mediaoffice@energy.state.ca.us).

If you have questions on the technical subject matter of this meeting, please call [Prab Sethi, Senior Mechanical Engineer, \(916\) 327-1302](mailto:PrabSethi@energy.state.ca.us).

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:

1. Please go to <https://energy.webex.com> and enter the unique meeting number: **494 984 872**
2. When prompted, enter your information and the following meeting password: **meeting@130**

NOTE: Access to WebEx meetings is now available from your mobile device. To learn more and access your app, please visit www.webex.com/overview/mobile-meetings.html

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: [495 877 042](tel:495877042). 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.

Mail Lists: opportunity, research, renewable, local-government, distgen, electricity