



Notice of Staff Workshop

Energizing California's Communities with Renewables: Recent Successes and Future Opportunities

California Energy Commission staff will conduct a workshop to highlight results and conclusions of recent community-scale renewable energy integration research and development projects and opportunities to leverage those results for potential future projects. The workshop will be held on:

Wednesday, July 29, 2015

9:30 a.m. - 5:00 p.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

1st Floor, Art Rosenfeld Hearing Room

Sacramento, California

Wheelchair Accessible

Remote Access Available by Computer or Phone via WebEx™
(Instructions below)

Background

In recent years, the Energy Commission has funded a number of projects related to the development, deployment, and integration of renewable energy in communities across California. Supported by Public Interest Energy Research (PIER) funding, the resultant projects have advanced energy science and technology and helped improve the quality of life in California by bringing environmentally safe, affordable, and reliable energy services and products to the marketplace. Furthermore, these community-scale renewable energy efforts have helped energize community stakeholders across the state to pursue local renewable energy development.

The 2008 Renewable Energy Secure Communities (RESCO) solicitation funded activities to identify integrated renewable energy projects that enable cost-effective use of multiple geographically convenient renewable energy sources and addressed technical, economic, and environmental barriers for implementation of renewable energy secure communities in California. Eleven projects were funded in three different stages of research - exploratory, pilot, and implementation.

The 2012 Community Scale Renewable Energy Development, Deployment, and Integration (REDDI) solicitation expanded on the approach developed under the RESCO solicitation, with a focus on exploration and demonstration. Ten projects were

awarded funding to demonstrate optimized community-specific renewable energy systems and develop the tools and models needed to quantify the impacts and benefits of increasing local renewable energy penetration in California's communities.

This workshop presents an opportunity to highlight the key takeaways from individual projects and the overall effort as one of the major showcases of the PIER program. These previous Energy Commission community-scale renewable energy programs have been well received by local stakeholders, and the resultant projects can serve as examples for future communities pursuing local renewable energy development. In total, the funding provided has been critical in helping communities solve the technical issues involved with integrated community renewable energy development, helping to build a groundswell of public support in the process.

Going forward, the Governor has stated a goal of deploying 12,000 megawatts of localized renewable energy capacity by 2020. Beyond that, additional discussions have begun to scope out 40 percent emission reductions below 1990 levels, which will require increasing local renewable energy, realizing energy efficiency in existing buildings, and accelerating electrification of the transportation sector. Ultimately, achieving the greenhouse gas emission reduction targets set by Assembly Bill 32 (Nunez, Chapter 488, Statutes of 2006), the Global Warming Solutions Act, will require coordinated effort by each of the communities across the state. This workshop will help the Energy Commission to develop focused research and development priorities to help California communities achieve these goals, while maximizing the benefits realized by communities and Investor Owned Utility (IOU) electricity ratepayers.

Chair Robert B. Weisenmiller and Commissioner David Hochschild will provide opening remarks for the workshop. Other Commissioners at the Energy Commission and the California Public Utilities Commission (CPUC) may also attend and participate in the workshop. A quorum of Commissioners from the Energy Commission may be in attendance, but no CPUC or Energy Commission business will be discussed and no votes will be taken.

Public Comment

Oral comments - Staff will accept oral comments during the workshop. Comments may be limited to 3 minutes per speaker. Any comments may become part of the public record in this proceeding.

Written comments - The Energy Commission also accepts comments by email. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). Please include the name of the workshop and the date in the subject line. Please send written comments to michael.sokol@energy.ca.gov.

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 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 mediaoffice@energy.ca.gov or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact Michael Sokol, michael.sokol@energy.ca.gov or (916) 327-1416.

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 audio via your computer or telephone. Please be aware that the meeting may be recorded.

To join a meeting:

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: **920 829 314**. When prompted, enter your name and the following meeting password: **meeting@CEC1**

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 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number: **920 829 314**. 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.

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

Date:

Laurie ten Hope
Deputy Director

Mail Lists:
Research Listserv
EPIC Listserv
Renewable Listserv
Bioenergy Listserv
Distgen Listserv
Electricity Listserv