

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street
Sacramento, California 95814

Main website: www.energy.ca.gov



Notice of Staff Workshop Microgrids—Why are Customers Choosing Microgrids and How are they Working?

California Energy Commission staff in collaboration with the California Public Utilities Commission and the California Independent System Operator will conduct a workshop to learn about California customers' microgrid implementation strategies and challenges with a focus on energy resiliency, renewable integration, costs/benefits performance, lessons learned, how cyber-security is being addressed and efforts to commercialize microgrids in California. This information will provide a technical foundation for the 2016 joint-agency effort to develop a microgrid roadmap for the commercialization of microgrids in California. The workshop will be held:

Tuesday, September 6, 2016
Beginning at 10:00 a.m.
Secretary of State Building
1500 11th Street
Auditorium
Sacramento, California
Wheelchair Accessible

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

Background

California's electric grid must become more resilient and adaptable to climate change impacts such as increased fires, severe storms, and heat waves. Microgrids advance this goal because they are able to manage customer critical resources, provide services for the utility grid operator, disconnect from the grid when the need arises and provide the customer and the utility different levels of critical support when the need exists. Critical facilities such as fire stations, hospitals, military bases, and unified communities have indicated a need for the ability to better manage their energy needs as the California grid evolves to the smart grid of the future. The California Energy Commission supports the development of microgrids that incorporate clean, low-carbon energy resources with increased energy efficiency, the integration of distributed energy resources such as energy storage, distributed renewables, demand response and other advanced distributed energy systems. These microgrids will help the State of California achieve its

carbon reduction goals and serve as models for integrating a range of technologies including renewables, electric vehicles and advanced generation systems into the larger grid.

This Energy Commission staff workshop is to learn about California customer's microgrid implementation strategies and challenges with a focus on energy resiliency, renewable integration, costs/benefits performance, lessons learned, how cyber-security is being addressed and efforts to commercialize microgrids in California. This information will provide a technical foundation for the 2016 joint-agency effort to develop a microgrid road map for the commercialization of microgrids in California. This workshop is one of a series of workshops that will be used to develop and publish the Joint Agency *Roadmap to Commercialize Microgrids in California*.

Public Comment

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

Written comments: Written comments will be accepted at the workshop. Additionally, written comments can be submitted via e-mail to Jamie Patterson by 5:00 p.m. on September 21, 2016. Please note that written and oral comments, attachments, and associated contact information (e.g., address, phone, email) become part of the viewable public record. This information may become available via Google, Yahoo, and any other search engines.

The Energy Commission encourages comments by e-mail. 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 indicate "Why are Customers Choosing Microgrids and How are they Working?" in the subject line. Send comments to: Jamie.Patterson@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 (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 Jamie Patterson, Jamie.Patterson@energy.ca.gov or (916) 327-2342.

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: To attend this meeting, you must first register for it. Please click this link to see more information and register for this meeting.

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Once you have registered for the meeting, you will receive an email message confirming your registration. This message will provide the information that you need to join the meeting.

To join the meeting, go to <https://energy.webex.com> and enter the unique meeting number: **924 587 796**. When prompted, enter your name and the following meeting password: **Meeting@10**

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.
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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: 929 182 542.

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

Laurie ten Hope
Deputy Director

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