



Notice of Workshop: First Annual California Multi-Agency Update on Vehicle-Grid Integration Research

California Energy Commission staff will lead a public workshop with the California Independent System Operator (California ISO), California Public Utilities Commission (CPUC), and California Air Resources Board (CARB) to review the progress of research called for in the California Vehicle-Grid Integration Roadmap as part of the Governor's Zero-Emission Vehicle Action Plan. Stakeholder discussions on future solicitations in this topic area will also take place. Commissioners may attend the workshop. The workshop will occur on:

Wednesday, November 19, 2014

Beginning at 9:00 a.m.

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street

Hearing Room A

Sacramento, California

Wheelchair Accessible

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

Background

This workshop will:

- present stakeholders with state agency updates on the progress of technical vehicle-grid integration research;
- allow participants to hear from industry on other research and development in this area;
- solicit stakeholder feedback on the direction of future research; and
- integrate the role of publicly-owned utilities and other stakeholders in vehicle-grid integration technology development to achieve the goals of Governor Brown's Executive Order B-16-2012.

In March 2012, Governor Brown issued an executive order directing the state government to help accelerate the market for zero-emission vehicles (ZEVs) in California. Executive Order B-16-2012 establishes milestones on a path toward 1.5 million ZEVs in California by the year 2025. The 2013 ZEV Action Plan, created to identify strategies and actions state agencies will take to meet milestones of the executive order, is the product of an interagency working group led by the Governor's Office that includes the California ISO, the CPUC, the Energy Commission, CARB, and other state agencies and associated entities.

As part of the 2013 ZEV Action Plan, the California ISO, with input from multiple state agencies and stakeholders, created the California Vehicle-Grid Integration Roadmap to help commercialize vehicle-grid integration services to be provided by plug-in electric vehicle (PEV) batteries. Vehicle-grid integration services are an array of smart, grid-integrated PEV charging functions that can include one-way or two-way power flow capabilities. The purpose of the roadmap is to aid vendors, policymakers, and researchers as related technologies are developed and refined.

The “Next Steps” section of the Vehicle-Grid Integration Roadmap calls for the Energy Commission to host annual workshops to review progress on vehicle-grid integration research and demonstration projects. This will be the first of these workshops.

Public Comment

Oral comments: Staff will accept oral comments during the workshop. Comments may be limited to five minutes per speaker. Any comments will 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 to Kiel Pratt by 5:00 p.m. on November 26, 2014. 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 welcomes 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 “Vehicle-grid integration research” in the subject line. Send comments to: kpratt@energy.ca.gov

Public Adviser and Other Energy 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 Kiel Pratt at kpratt@energy.ca.gov or (916) 327-1412.

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: **922 682 300**. When prompted, enter your name and the following meeting password: **vehicle@19**

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: **922 682 300**. 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: www.energy.ca.gov/research/notices/

Mail Lists:

Electricity, EPIC, Research, Transportation, Altfuels

**California Energy Commission Staff Workshop:
First Annual California Energy Commission Review of
Vehicle-Grid Integration Research
November 19, 2014
DRAFT AGENDA**

Time	Topic
9:00 a.m.	Introductions and agency updates
10:40 a.m.	Technical research updates
12:00 p.m.	Lunch
1:00 p.m.	Technical research updates, continued
4:00 p.m.	Update on vehicle-grid integration solicitations, stakeholder discussion on future solicitations in this topic area
4:45 p.m.	Next steps and closing