

DOCKETED	
Docket Number:	22-EVI-06
Project Title:	Vehicle-Grid Integration
TN #:	249242
Document Title:	Notice of Staff Workshop on Vehicle-to-Grid Equipment List
Description:	Monday, March 27, 2023 10:00 a.m. – 12:00 p.m. Remote Access Only via ZoomTM
Filer:	Spencer Kelley
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	3/16/2023 3:00:14 PM
Docketed Date:	3/16/2023

CALIFORNIA ENERGY COMMISSION715 P Street
Sacramento, California 95814energy.ca.gov

CEC-70 (Revised 7/22)

*IN THE MATTER OF:**Vehicle-to-Grid Equipment List
(V2GEL)*

DOCKET NO. 22-EVI-06

NOTICE OF REMOTE-ACCESS STAFF
WORKSHOP

RE: Vehicle-to-Grid Equipment List

Notice of Staff Workshop on Vehicle-to-Grid Equipment List**Monday, March 27, 2023**

10:00 a.m. – 12:00 p.m.

Remote Access Only via Zoom™<https://zoom.us/>, Meeting ID: 842 5003 8230 and Passcode: V2GEL@10

The California Energy Commission (CEC) staff will host a workshop to showcase, demonstrate, and answer questions about the new [Vehicle-to-Grid Equipment List \(V2GEL\) web-based tool](https://v2gel.energy.ca.gov/), available at <https://v2gel.energy.ca.gov/>.

The V2GEL is strictly a voluntary and informational resource and does not impose any interconnection requirements. The CEC has created the tool as a courtesy service to utilities and other stakeholders. The CEC does not and cannot mandate that equipment be on the list as a requirement for interconnection.

The public can participate in this workshop consistent with the attendance instructions below. The CEC aims to begin promptly at the posted start time, and the end time is an estimate based on the proposed agenda. The workshop may end sooner or later than the posted end time.

Agenda

The workshop will include:

- Staff presentations showcasing the V2GEL and its development.
- A demonstration of the V2GEL.
- A public discussion and comment period.

A detailed meeting agenda will be posted prior to the workshop to [the 22-EVI-06 docket log](#) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-06>, and to the

workshop event webpage, which is accessible from the [CEC's vehicle-grid integration web page](https://www.energy.ca.gov/programs-and-topics/programs/vehicle-grid-integration) at: <https://www.energy.ca.gov/programs-and-topics/programs/vehicle-grid-integration>.

Background

To facilitate the adoption of vehicle-to-grid (V2G) technologies as part of the broader effort to support [vehicle-grid integration](https://www.energy.ca.gov/programs-and-topics/programs/vehicle-grid-integration) (<https://www.energy.ca.gov/programs-and-topics/programs/vehicle-grid-integration>) and in response to stakeholder interest, the California Energy Commission has created a new tool to house a list of bidirectional charging equipment.

The V2GEL is a public-facing resource allowing manufacturers of grid-exporting bidirectional chargers to list their models and auxiliary information if the equipment has passed UL 1741 testing to meet utility interconnection requirements. When manufacturers submit listing requests, CEC staff will review and validate the provided materials, such as testing laboratory reports, and approve entries into the list. Upon validation, anyone can search and download the list of models. California utilities are expected to be a key audience for the information.

Development of the tool considered stakeholder feedback such as from a [May 2022 workshop](https://www.energy.ca.gov/event/2022-05/workshop-vehicle-grid-inverter-list) (<https://www.energy.ca.gov/event/2022-05/workshop-vehicle-grid-inverter-list>). Bidirectional technologies can charge a vehicle's batteries with energy from the grid and potentially also power the grid with energy from the vehicle's batteries during times beneficial to the driver. These V2G services can provide revenue to drivers and ensure their vehicles have enough range, while providing valuable energy to the grid at the right times. Before delivering power to the grid, customers must go through the utility's interconnection process and receive Permission to Operate from the utility.

Attendance Instructions

Remote participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on <https://energy.zoom.us/j/84250038230?pwd=c0RSNE9mbHRaT2xDeIBta1lEL2JHZz09> or login in at <https://zoom.us/> and enter the Webinar ID **842 5003 8230** and passcode **V2GEL@10** and follow all prompts.
- **To join by telephone.** Call toll-free at (888) 475-4499 or toll at (669) 219-2599. When prompted, enter the Webinar ID **842 5003 8230**. No participant ID is needed. You may press the “#” key to bypass this question.

Zoom Closed Captioning Service. At the bottom of the screen, click the Live Transcript CC icon and choose “Show Subtitle” or “View Full Transcript” from the pop-up menu. To stop closed captioning, close the “Live Transcript” or select “Hide Subtitle” from the pop-up menu. If joining by phone, closed captioning is automatic and cannot be turned off. While closed captioning is available in real-time, it can include errors.

Zoom Difficulty. Contact Zoom at (888) 799-9666 ext. 2, or the CEC Public Advisor at publicadvisor@energy.ca.gov, or by phone at (916) 957-7910.

Public Comment.

The CEC encourages the use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=22-EVI-06) for this docket at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=22-EVI-06>. Enter your contact information and a subject title that describes your comment. Comments may be included in the "Comment Text" box or attached as a downloadable, searchable document in Microsoft® Word or Adobe® Acrobat®. The maximum file size allowed is 10 MB.

Oral comments will be accepted at the end of the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. To comment via Zoom, use the "raise hand" feature so the administrator can announce your name and unmute you. To comment via telephone, press *9 to "raise your hand" and *6 to mute/unmute.

Written comments may be submitted to the Docket Unit by **5:00 p.m. on April 10, 2023**.

Written and oral comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record of this proceeding with access available via any internet search engine. Written comments may also be submitted by email. Include docket number 22-EVI-06 and "V2GEL" or "V2G Equipment List" in the subject line and email to docket@energy.ca.gov.

A paper copy may be mailed to:

California Energy Commission
Docket Unit, MS-4
Docket No. 22-EVI-06
715 P Street
Sacramento, California 95814

Public Advisor. The CEC's Public Advisor assists the public with participation in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email publicadvisor@energy.ca.gov as soon as possible but at least five days in advance of the workshop. The CEC will work diligently to meet all requests based on availability.

Media Inquiries. Email mediaoffice@energy.ca.gov or call (916) 654-4989.

Technical Subject or General Inquiries. Email V2GELHelp@energy.ca.gov or call (916) 931-9430.

Availability of Documents: Documents and presentations for this meeting will be available on [the 22-EVI-06 docket log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-06) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-06> and on the workshop event webpage.

When new information is posted, an email will be sent to those subscribed to the *Vehicle-Grid Integration, Distributed Generation, Solar Equipment* subscription topics. To receive these notices or notices of other email subscription topics, visit [Subscriptions](https://www.energy.ca.gov/subscriptions) at <https://www.energy.ca.gov/subscriptions>.

Dated: March 15, 2023, at Sacramento, California.

Hannon Rasool

Hannon Rasool
Director, Fuels and Transportation Division

Subscriptions:

Vehicle-Grid Integration; Distributed Generation; Solar Equipment