

DOCKETED	
Docket Number:	22-EVI-06
Project Title:	Vehicle-Grid Integration
TN #:	267044
Document Title:	Notice of CEC Staff Workshop on Vehicle-to-Home Analysis and Potential Benefits (Senate Bill 59)
Description:	December 4, 2025 10:00 a.m. – 12:30 p.m. Remote Access Only
Filer:	Spencer Kelley
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CALIFORNIA ENERGY COMMISSION

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Sacramento, California 95814

energy.ca.gov

CEC-70 (Revised 7/22)



IN THE MATTER OF:

Vehicle-to-Home Analysis

DOCKET NO. 22-EVI-06

NOTICE OF REMOTE-ACCESS
WORKSHOP

RE: CEC Staff Workshop on Vehicle-to-
Home Analysis and Potential Benefits
(Senate Bill 59)

**Notice of CEC Staff Workshop on Vehicle-to-Home Analysis and
Potential Benefits (Senate Bill 59)**

December 4, 2025
10:00 a.m. – 12:30 p.m.

Remote Access Only
See Attendance Instructions Below

The California Energy Commission (CEC) will host a workshop to provide informational background on Senate Bill 59, present the results of a vehicle-to-home (V2H) modeling analysis conducted in collaboration with the National Renewable Energy Laboratory (NREL), and solicit feedback from public stakeholders.

The public can participate in the 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 a staff presentation on the following topics:

- Background of Senate Bill 59
- Electric vehicles (EVs) as distributed energy resources (DERs)
- Why V2H was chosen
- Description of V2H analysis
- Potential benefits of V2H

A detailed agenda will be posted prior to the workshop at [Docket 22-EVI-06 "Vehicle-Grid Integration"](#) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-06>.

Background

Senate Bill 59 (Skinner, Statutes of 2024) authorizes the CEC, in consultation with the California Air Resources Board (CARB) and the California Public Utilities Commission (CPUC), to require any weight class of battery electric vehicle to be bidirectional capable if it determines there is a sufficiently compelling beneficial bidirectional-capable use case to the vehicle operator and the electric grid. See [Senate Bill 59](#) at

https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202320240SB59.

CEC staff leveraged scenarios and models developed by NREL for the upcoming iteration of the [Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment Report](#) to estimate the potential impact of light duty battery EVs discharging to single-family homes during peak hours. Staff will provide an overview of the results, including potential vehicle participation in 2030, total residential load shifted, peak reduction, and average energy bill savings for the vehicle owner.

CEC staff invites stakeholders to provide comments on the analysis, the state of V2H adoption in California, and whether other use cases should be considered and prioritized in staff's technical analysis for Senate Bill 59.

Attendance Instructions

Access is remote only, via Zoom. Participants may join by internet or phone.

- **To join via Zoom.** Click on <https://energy.zoom.us/j/81261568035?pwd=7aDtC1thU7YUK55TUwy9bwmbn6oX91.1> or login in at <https://zoom.us/> and enter the Webinar ID **812 6156 8035** and passcode **307370** 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 **812 6156 8035** and passcode **307370**.

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. A more accurate transcript of the workshop will be docketed and posted as soon as possible after the workshop concludes.

Zoom Interpreting Services. Open the Zoom meeting. In the "Navigation" panel, click "Settings," then click the "Meeting" tab. Under "In Meeting (Advanced)," click "Language Interpretation" toggle to enable/ disable. If a verification dialog displays, click "Enable" or "Disable" to verify the change. If the option is grayed out, it has been locked and you will need to contact your Zoom administrator. Click "Mute Original Audio" to reduce background noise.

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

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 January 16, 2026. The CEC encourages the use of its electronic commenting system. Visit the e-commenting page for [22-EVI-06](https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-EVI-06) 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 Acrobat®. The maximum file size allowed is 10 MB. Written comments may also be submitted by email. Include docket number 22-EVI-06 and Vehicle-Grid Integration 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 Written and oral comments, attachments, and associated contact information (including address, phone number, and email address) will become part of the public record with access available via any internet search engine.

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 Inquiries. Email Robert Nolty at FTD@energy.ca.gov.

General Inquiries: Email the CEC Fuels and Transportation Division at FTD@energy.ca.gov or call (916) 776-0738.

Availability of Documents: Documents and presentations for this meeting will be available at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-06>. When new information is posted, an email will be sent to those subscribed to the "Vehicle-Grid Integration" subscription topic. 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: November 5, 2025, at Sacramento, California.

Hannon Rasool

Hannon Rasool
Director, Fuels and Transportation Division

Subscriptions:

Clean Transportation Program
Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments (AB 2127)
SB 59 Bidirectional-Capable EV
V2G Equipment
Vehicle-Grid Integration