

DOCKETED	
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Project Title:	Vehicle-Grid Integration
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Document Title:	Notice of Staff Workshop on Electric Vehicle Charging Interoperability
Description:	December 1, 2023 9:00 a.m. – 10:30 a.m. Remote Access Only
Filer:	Spencer Kelley
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CALIFORNIA ENERGY COMMISSION

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Sacramento, California 95814

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CEC-70 (Revised 7/22)

**IN THE MATTER OF:**

*Staff Workshop on Electric Vehicle
Charging Interoperability*

DOCKET NO. 22-EVI-06

NOTICE OF REMOTE ACCESS *Staff
Workshop on Electric Vehicle Charging
Interoperability*

RE: Electric Vehicle Charging Interoperability

**Notice of Staff Workshop on Electric Vehicle Charging Interoperability
December 1, 2023**

9:00 a.m. – 10:30 a.m.

Remote Access Only. See Attendance Instructions.

The California Energy Commission (CEC) will host a remote access workshop to discuss electric vehicle (EV) charging interoperability. Interoperability is a pillar to ensuring a positive driver experience for all EV drivers. CEC staff will provide an overview of charging interoperability in North America, a vision for broad interoperability, and steps to achieve broad interoperability including possible CEC actions.

The public can participate in the workshop consistent with the attendance instructions below. The CEC aims to begin promptly at the start time posted 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 CEC recently published a [Statement on Charging Interoperability](https://efiling.energy.ca.gov/GetDocument.aspx?tn=253106) at <https://efiling.energy.ca.gov/GetDocument.aspx?tn=253106>. At this workshop, CEC staff will discuss the contents of the Statement on Charging Interoperability, including:

- Background on the North American charging ecosystem and implications for interoperability.
- A CEC vision for “broad interoperability”: A future where any driver with any EV can easily charge at any charger on any network.
- Steps to achieve broad interoperability, including potential private industry and public agency actions.

Attendees will have opportunities to ask questions and provide feedback and other comments. This workshop will be an opportunity to gather feedback on the CEC’s approach to broad interoperability and improving the EV driver experience.

Workshop slides, including a detailed agenda, will be posted prior to the workshop to [docket 22-EVI-06](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>.

Background

Interoperability describes the general ability of different products and systems to function together without special effort from the user. The North American charging ecosystem consists of many parties across multiple links. Each link has specific interoperability challenges preventing parties on each end of the link from consistently interoperating. This lack of robust interoperability contributes to reliability challenges and a suboptimal driver experience today. Achieving broad charging interoperability and an easier-than-gasoline charging experience transcends connector standards and will require industry coordination on software, hardware, and business agreements.

Remote Attendance Instructions

Participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on <https://energy.zoom.us/j/87033685669?pwd=MlczVnpyRU1JSy9sVEJVVWJlVWxZUT09> or login in at <https://zoom.us/> and enter the Webinar ID 870 3368 5669 and passcode 516612 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 870 3368 5669 and passcode 516612.

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. [Submit comments](https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-evi-06) to docket 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 Adobe® Acrobat®. The maximum file size allowed is 10 MB. Comments must be submitted by 5:00 p.m. on Friday, December 22, 2023.

Oral comments will be accepted at 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 also be submitted by 5:00 p.m. on Friday, December 22, 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 "22-EVI-06 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

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.

General and Technical Subject Inquiries. Email Jeffrey Lu at jeffrey.lu@energy.ca.gov or call (916) 931-9430.

Availability of Documents: Documents and presentations for this meeting will be available at docket [22-EVI-06](#) 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 topic. To receive these notices or notices of other email subscription topics, visit [Subscriptions](#), at <https://www.energy.ca.gov/subscriptions>.

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

Hannon Rasool

Hannon Rasool
Director, Fuels and Transportation Division

Subscriptions:

CALeVIP, Clean Transportation Program, EnergiIZE, AB 2127, National Electric Vehicle Infrastructure Formula Program, Vehicle-Grid Integration