

DOCKETED

Docket Number:	19-AB-2127
Project Title:	Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments
TN #:	247094
Document Title:	Notice of Workshop on Medium- and Heavy-duty and Ride-hailing Electric Vehicle Infrastructure Analysis
Description:	November 9, 2022 10:00 a.m. – 12:00 p.m. Remote Access Only
Filer:	Spencer Kelley
Organization:	California Energy Commission
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CALIFORNIA ENERGY COMMISSION

715 P Street
Sacramento, California 95814

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CEC-70 (Revised 7/22)



IN THE MATTER OF:

Assembly Bill 2127 Assessment

DOCKET NO. 19-AB-2127

NOTICE OF REMOTE ACCESS
WORKSHOP

RE: Staff Workshop on Medium- and Heavy-duty and Ride-hailing Electric Vehicle Infrastructure Analysis

Notice of Workshop on Medium- and Heavy-duty and Ride-hailing Electric Vehicle Infrastructure Analysis

November 9, 2022

10:00 a.m. – 12:00 p.m.

Remote Access Only

The California Energy Commission (CEC) will host a workshop to discuss updates to its Medium- and Heavy-duty Electric Vehicle Infrastructure Load, Operations, and Deployment (HEVI-LOAD) and Widespread Infrastructure for Ride-Hailing EV Deployment (WIRED) modeling analyses. The workshop will present inputs, assumptions, and key differences from earlier versions of the analyses and solicit stakeholder feedback on their development.

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 workshop will include staff presentations followed by a question and comment period with the public.

- 1) Background and motivation for HEVI-LOAD and WIRED analyses including Assembly Bill 2127 requirements.
- 2) HEVI-LOAD modeling updates including methodology, inputs, assumptions, and scenarios.
- 3) WIRED modeling updates and changes to inputs and assumptions.
- 4) Q&A and Public Comment.

Background

AB 2127 (Ting, Chapter 365, Statutes of 2018) requires the CEC to biennially assess the electric vehicle (EV) charging infrastructure needed to meet the state's goals of putting at least five million zero-emission vehicles (ZEVs) on California roads by 2030 and reducing greenhouse gas emissions to 40 percent below 1990 levels by 2030. On September 23, 2020, Governor Gavin Newsom signed Executive Order N-79-20, which directed the CEC to update this assessment to support expanded ZEV adoption targets.

The inaugural AB 2127 assessment was published in July 2021, and the CEC is currently developing the next assessment. This assessment will address existing charging infrastructure, ZEV trends and market evolution, charging needs, vehicle-grid integration, and workforce considerations. A key component to the assessment is charging infrastructure analysis to support EV adoption. The HEVI-LOAD model, developed by the CEC and Lawrence Berkeley National Laboratory, projects the needed quantity of medium- and heavy-duty charging infrastructure. The WIRED model, developed by the CEC and UC Davis, projects the transportation network company (TNC) charging infrastructure needed in the state.

This workshop will provide a background on analyses, highlight the differences between this assessment and the previous one, and discuss the HEVI-LOAD and WIRED models in detail including their methodologies, inputs and assumptions, scenarios, and outputs. Staff will discuss changes and updates to the analyses and will seek stakeholder feedback on the models' inputs, assumptions, sources of data, and other aspects.

Remote Attendance Instructions

Participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on <https://energy.zoom.us/j/95443784424?pwd=OWVJL1FqTDIYeSs0RVpFOC8vaDJ5Zz09> or login in at <https://zoom.us/> and enter the **Webinar ID:** [insert ID number here] and **passcode:** XXXX 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 [insert ID number here] and passcode XXXXX.

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 meeting concludes.

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.

Participate by Telephone. To join the meeting, dial [include the toll and toll-free numbers from Zoom]. When prompted, enter ID number [include # for the workshop or #'s for multiple sessions].

Public Comment.

The CEC encourages the use of its electronic commenting system. Visit the e-commenting page for this docket at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-AB-2127>. 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 November 21, 2022. 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 19-AB-2127 and "Second AB 2127 Assessment" 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. 19-AB-2127
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 Inquiries: Email Adam Davis at adam.davis@energy.ca.gov or call (916) 654-4989.

Availability of Documents: Documents and presentations for this meeting will be available at [CEC Docket Log for 19-AB-2127](https://www.energy.ca.gov/programs-and-topics/programs/electric-vehicle-charging-infrastructure-assessment-ab-2127), at <https://www.energy.ca.gov/programs-and-topics/programs/electric-vehicle-charging-infrastructure-assessment-ab-2127>, or at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-AB-2127>.

When new information is posted, an email will be sent to those subscribed to the Clean Transportation Program, General Transportation and Petroleum Issues, Disadvantaged Communities Advisory Group, and Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments (AB 2127) subscription lists. 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: 28 October, 2022, at Sacramento, California.

Hannon Rasool

Hannon Rasool
Director, Fuels and Transportation Division

Subscription Lists: Clean Transportation Program; Vehicle-Grid Integration; Disadvantaged Communities Advisory Group; Diversity Outreach Program; General Transportation and Petroleum Issues; Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments (AB 2127)