

DOCKETED	
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Project Title:	Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments
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CALIFORNIA ENERGY COMMISSION

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CEC-70 (Revised 7/22)

**IN THE MATTER OF:**

EVSE Deployment and Grid Evaluation
(EDGE) Tool

DOCKET NO. 19-AB-2127

NOTICE OF REMOTE-ACCESS STAFF
WORKSHOP

RE: EVSE Deployment and Grid Evaluation
(EDGE) Tool

Notice of Electric Vehicle Charging Load Estimation Toolset for California Utilities Workshop

August 07, 2025

10:30 a.m. – 12:00 p.m.

Remote Access Only

See Attendance Instructions.

The California Energy Commission (CEC) will host a workshop to showcase an electric vehicle charging load estimation modeling framework and toolset that is being jointly developed with research staff from Pacific Northwest National Laboratory (PNNL). During the workshop, CEC and PNNL staff will present technical details of the model's methodology and demo a prototype version of an interactive web tool they are developing for use by publicly owned utility (POU) grid planning staff. CEC staff will also discuss how PNNL's work is connected to the Electric Vehicle Service Equipment (EVSE) Deployment and Grid Evaluation (EDGE) mapping and visualization tool (EDGE tool). This workshop is designed specifically for POU distribution planning staff and will include a request for feedback and assistance.

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 presentations and discussion on the following topics:

- Modeling project background
- Electric vehicle adoption forecast
- Charging load estimation
- Interactive utility toolset demonstration
- Connection to the EDGE tool
- Data needs discussion and request

A detailed workshop agenda will be posted prior to the workshop to the [19-AB-2127 docket log](#) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-AB-2127>.

Background

The EDGE tool was developed to support the CEC's [Assembly Bill 2127 electric vehicle \(EV\) charging infrastructure assessment](#) (<https://www.energy.ca.gov/data-reports/reports/electric-vehicle-charging-infrastructure-assessment-ab-2127>). It is a visualization and mapping tool designed to highlight areas throughout California where new EV charging load is expected to grow over time and identifies specific areas in the state where expected EV load growth could potentially exceed grid capacity limitations. The EDGE tool has historically used the investor-owned utility (IOU) grid infrastructure datasets that were mandated as part of California Public Utilities Commission (CPUC) proceeding [R.14-08-013](#) (https://apps.cpuc.ca.gov/apex/f?p=401:56:0::NO:RP,57,RIR:P5_PROCEEDING_SELECT:R1408013). However, there are existing data gaps in the EDGE tool's analysis specifically within POU service territories.

To address those data gaps, PNNL research staff, via CEC [contract 600-23-003](#) (<https://www.energy.ca.gov/filebrowser/download/5790?fid=5790>), are designing and developing a system to determine circuit-specific clustered EV charging load using forecasted vehicle adoption rates for individual grid system components in several POU territories in California. PNNL staff have been utilizing DMV data to develop an EV adoption forecast, but the model currently lacks sufficient grid data to perform and finalize EV charging load estimation analyses in POU territories. Therefore, during this workshop, CEC and PNNL staff plan to solicit feedback from POU staff and interested members of the public regarding suggested alterations to the modeling approach and assistance with data collection and implementation into the interactive toolset.

Attendance Instructions

Remote participants may join via Zoom by internet or phone.

- **To join via Zoom.** Click on <https://energy.zoom.us/j/85909069300?pwd=ZTBqTiunPQWgdyggFKd95oazsuhBnD.1> or login in at <https://zoom.us/> and enter the Webinar ID 859 0906 9300 and passcode 897995 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 859 0906 9300 and passcode 897995.

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=19-AB-2127) 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 Thursday, August 21, 2025**. 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 "EVSE Deployment and Grid Evaluation (EDGE) Tool" 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. 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 or General Inquiries. Email FTD@energy.ca.gov or call 916-776-0738.

Availability of Documents: Documents and presentations for this workshop will be available on the [AB 2127 docket log](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-AB-2127) 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 *AB 2127* and *Vehicle-Grid Integration* 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: July 16, 2025, at Sacramento, California.

Hannon Rasool
Director, Fuels and Transportation Division

Subscriptions:

AB 2127; Vehicle-Grid Integration