

**DOCKETED**

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# Navigating the EV Charging Data and Reliability Standards

March 26, 2026

*Claudia Eyzaguirre, Electric Generation Systems Program Specialist*

# Agenda

1. Regulation Overview
2. Applicability
3. Key Compliance Dates
4. How to Submit Data
5. Enforcement
6. Q&A

# Housekeeping

- Workshop is recording on Zoom
- Virtual participation via Zoom or telephone during the Q&A period
- General questions: [claudia.eyzaguirre@energy.ca.gov](mailto:claudia.eyzaguirre@energy.ca.gov)
- Technical questions: [dustin.schell@energy.ca.gov](mailto:dustin.schell@energy.ca.gov)
- The EV Charger Data and Reliability Standards rulemaking can be found in [Docket 22-EVI-04](#) at:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-04>

# Commitment to Diversity

The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts activities to:

- Engage with disadvantaged and underrepresented groups throughout the state;
- Notify potential new applicants about the CEC's funding opportunities;
- Assist applicants in understanding how to apply for funding from the CEC's programs;
- Survey participants to measure progress in diversity outreach efforts.

# Diversity Survey

Navigating the New EV Charger  
Data & Reliability Standards  
Workshop



## One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey.

Survey will be closed at the end of the day.

Survey Link: <https://forms.office.com/g/5qjz8gRAD8>

# Regulation Overview



# Regulation Overview

With extensive input from California stakeholders, the CEC adopted Electric Vehicle Charger Data and Reliability Standards in October 2025 with an effective date on April 1, 2026.

The newly adopted regulations set EV charger standards for:

- Inventory Reporting
- 97% Uptime Standard
- Reliability Reporting
- Availability Status and Pricing Data Sharing with 3<sup>rd</sup> parties
- Customer Service

**These regulations become effective April 1, 2026.**



# Resources

- EV Charger Data and Reliability Standards webpage
  - Includes links to Inventory, Uptime, Data Sharing, and Enrollment forms, plus related information
  - <https://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program/ev-charger-data-and-reliability-standards>
- The full text of the regulations is posted on the CEC website here: <https://www.energy.ca.gov/media/12609> or in the [California Code of Regulations](#)
- ZEV Data Technical Submission Workshop (coming soon)

# Regulation Interaction with CEC Funding Programs

- Reliability regulation sets a minimum standard.
- CEC funding opportunities may include additional reporting or performance requirements.
- Many CEC funding agreements are written for some reliability requirements to be replaced by regulations, once effective, but not necessarily all.

# Applicability

Inventory, Uptime and Reliability, Data Sharing, Exemptions

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# Inventory Reporting

**Required for all Level 2 and DC fast chargers, regardless of installation date, with certain exemptions.**

- Includes charger characteristics and contact information
- Semiannual reports must be submitted to the CEC
  - January 1 - June 30 (due July 31)
  - July 1 - December 31 (due January 31)

# Reliability Standards and Uptime Reporting

**Required for DCFC installed on or after January 1, 2024 that received state or ratepayer funding. Exemptions apply.**

- 97% uptime standard
- Mechanism for customers to report malfunctions
- Open Charge Point Protocol (OCPP) 2.0.1, if installed after September 27, 2026
- Maintain maintenance records, if non-networked

# Reliability Standards and Uptime Reporting

**Required for DCFC installed on or after January 1, 2024 that received state or ratepayer funding. Exemptions apply.**

Semiannual reports must be submitted to the CEC.

- January 1 - June 30 (due July 31)
- July 1 - December 31 (due January 31)

Hourly Reporting (if installed after September 27, 2026)

- Records generated from and to the central system must be transmitted within 60 minutes by the charging network provider to the CEC.

Record and Retain (if installed before September 28, 2026)

- 15-minute interval reliability data must be recorded and retained.
- These chargers may choose to submit hourly reliability data instead.

# Real Time Data Sharing with 3<sup>rd</sup> Parties

Required for publicly available L2 and DCFC chargers that received state or ratepayer funding. Exemptions apply.

Port availability data sharing with third party software developers I

- Port status
- Port characteristics
- Pricing and payment methods
- Must be available via API to third party software developers

# Exemptions

These chargers are exempt from **all** requirements:

- Level 1 AC chargers
- Private residential chargers, at a property with four or fewer dwellings.
- Off-grid chargers
- Research chargers

These chargers are exempt from **reliability and uptime** requirements:

- Level 2 AC chargers
- Fleet chargers



# Key Compliance Dates



# Key Compliance Dates

**April 1, 2026**

97% annual uptime standard

Customer mechanism to report outages

Real-time data sharing with 3<sup>rd</sup> party software developers

**September 28, 2026**

Newly installed publicly funded DCFCs must:

- Be OCPP 2.0.1 certified

- Report hourly uptime data

**July 1-Dec 31, 2026**

First period for collecting inventory and uptime data

**January 31, 2027**

First semiannual reports are due on inventory and uptime

# Submission Guidance

## How to Submit Data

# Semi-Annual Reports

Data submitted semi-annually will be submitted into a CEC Data Submission Portal in csv format.

This includes:

- Semi-annual Inventory Reporting
- Semi-annual Uptime Reporting

Data Dictionaries show how to provide the required data to the CEC:

- The Semiannual Charger Data Reporting Specification can be found here: <https://www.energy.ca.gov/media/11904>

# Hourly Data Reports

Networked DCFCs installed on or after September 28, 2026 must:

- Use OCPP 2.0.1
- Report hourly data to the CEC

Data Dictionaries show how to provide the required data to the CEC:

- The Hourly Charger Data Reporting Specification is here:  
<https://www.energy.ca.gov/media/11903>
- Technical examples and implementation guidance will be provided by the CEC at the ZEV Data Submission Guidance Workshop scheduled for July (tentative)

# Becoming an Enrolled Charging Network Provider

- Charging network providers that serve publicly funded DCFC, installed on or after September 28, 2026, must become *enrolled charging network provider*.
- A charging network provider (CNP) may apply to become an *enrolled charging network provider* by submitting the application and meeting the technical requirements. Application forms should be emailed to [enrolledcharging@energy.ca.gov](mailto:enrolledcharging@energy.ca.gov)
- Funding recipients must ensure that their CNP is enrolled.

# Becoming an Enrolled Charging Network Provider

The technical requirements include meeting and maintaining:

- The ability to transmit the Hourly Charger Data Reporting Specification to the CEC.
- Certification of the charging station management system to OCPP 2.0.1.

Enrollment Process:

- If applicant meets the above requirements, the charging network provider will be granted access to the transfer of data portal.
- Upon successful demonstration of ability to transfer the Hourly Charger Data Reporting Specification data within 60 days, the applicant will be deemed an enrolled charging network provider.

# Enforcement





# Enforcement

- CEC will enforce reliability and inventory through grant terms
- CEC will publish biennial reports ranking charging network reliability starting in 2026
- State agencies must consider reliability data when making funding decisions
- Networks can dispute published metrics through a formal process

# Question and Answer Session

Please submit your name and your question via the Zoom Q&A feature.

## **Zoom Participants**

Raise your hand to ask a question and be unmuted

Use the “Q&A” feature to type your questions.

Questions will be read and answered by the presenter.

The chat feature has been disabled

## **Telephone Participants**

Dial \*9 to raise your hand

Dial \*6 to mute / unmute your phone line

Time may be limited and some questions may be answered in writing.

# Thank you

Navigating the New EV Charger Data and Reliability Standards

Website:

[www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program/ev-charger-data-and-reliability-standards](http://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program/ev-charger-data-and-reliability-standards)

Contact: [Claudia.Eyzaguirre@energy.ca.gov](mailto:Claudia.Eyzaguirre@energy.ca.gov)