

**DOCKETED**

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<b>Project Title:</b>	Block Grant for Electric Vehicle Charger Incentive Projects
<b>TN #:</b>	234816
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# CALeVIP Project Design Workshop September 17, 2020

Session 2: Eligibility Requirements and Training Certification



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# Thank You for Attending Remotely

Due to high traffic, you may experience technical difficulties during this webinar. We apologize for potential delays or compromised presentation quality.

**The workshop recording will be posted on the event page:**

<https://www.energy.ca.gov/event/workshop/2020-09/session-1-calevip-application-process-and-serving-communities-staff-workshop>



# Agenda

- Equipment Requirements and Eligibility
- Electric Vehicle Infrastructure Training Program Certification (EVITP)
- Public Comment



# Workshop Participation

- Public comment taken after each category proposal.
- During public comment period, use the “raise hand” feature in Zoom to request to speak or use the Q&A to type in your question.
- Encourage participants to also submit comments made today to the docket.

# Submit Comments to CEC Docket 17-EVI-01

## Electronic Commenting System

Visit the comment page for this docket at:

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=17-EVI-01>

## Comment by E-mail

E-mail: [docket@energy.ca.gov](mailto:docket@energy.ca.gov)

Subject Line: "CALeVIP Project Designs"

**All comments due by 5:00 pm on October 1, 2020**





# Equipment Requirements

# CALeVIP Equipment Requirements:

- Current Requirements
  - Level 2
    - J-1772 connector
    - Energy Star
    - Networked with minimum 2-year networking agreement
    - Open Source Protocol
    - 6.2kW+
  - DCFC
    - CCS and CHAdeMO connector on charger
    - Networked with a minimum 5-year networking agreement
    - Open Source Protocol
    - 50kW+





# CALeVIP Equipment Requirements: Tesla

## **Proposal:**

- Add Tesla connectors as eligible for both Level 2 and DC fast chargers



# CALeVIP Equipment Requirements: Connectors

- **Current DCFC Requirement:**
  - Every charger have both 1 CCS and 1 CHAdeMO connector
- **Proposal: Every DCFC site must have**
  - CCS for at least 50% of the rebated connectors
  - A minimum of 1 CHAdeMO connector
- **Proposal: Every Level 2 site must have J-1772 for at least 50% of the rebated connectors**



# CALeVIP Equipment Requirements: Connectors

## Example: Applicant with 4 DCFCs

- Possible installs:
  - 4 connectors, 3 CCS, 1 CHAdeMO
  - 4 connectors, 2 CCS, 1 CHAdeMO, 1 Tesla
  - 8 connectors, 4 CCS, 3 Tesla, 1 CHAdeMO
- Single or dual connector chargers
- Connectors on chargers in addition to the rebated chargers are not counted in the CCS percentage

# New State Equipment Requirements

## California Air Resources Board (CARB) EVSE Standards

- **Payment Method**
  - Applicability – all EVSPs operating one or more public EVSE/DCFC
  - Effective January 1, 2022 (DCFC) and January 1, 2023 (Level 2)
  - Requires EVSE to have a credit card reader at the EVSE or kiosk
- **Labeling**
  - Applicability – all EVSPs operating one or more public EVSE/DCFC
  - Effective January 1, 2022 (DCFC) and January 1, 2023 (Level 2)
  - Minimum disclosure: Fee for Parking, Non-Member Plug-in Fee, Price per kWh or MJ, Price Changes due to variable (TOU) pricing, any other fees for refueling



# New State Equipment Requirements

## California Department of Food and Agriculture, Division of Measurements and Standard (DMS)

- Applicability - New Commercial, Public, EVSE and DCFC
- Effective January 1, 2023 (DCFC) and January 1, 2021 (Level 2)
  - Existing chargers must be updated by January 1, 2033 (DCFC) and 2031 (Level 2)
- Requires chargers to provide receipts, be properly labeled, display Equipment Capacity and Type of Voltage, and additional labeling requirements
  - Full details found at [https://www.cdffa.ca.gov/dms/pdfs/regulations/EVSE-OAL\\_EndorsedLetter-and-FinalText.pdf](https://www.cdffa.ca.gov/dms/pdfs/regulations/EVSE-OAL_EndorsedLetter-and-FinalText.pdf)



# CALeVIP Equipment Requirements: Public Comments

## Public Comments – 30 mins

- Should CALeVIP allow Tesla connectors to be eligible?
- Should CALeVIP change the DCFC connector requirements to apply at the site level?





# Electric Vehicle Infrastructure Training Program Certification (EVITP)

# CALeVIP EVITP Decision

- CEC intends to create an EVITP certification requirement
- If enacted, AB 841 would start the requirement for work performed on or after January 1, 2022
- **CEC is proposing to start the requirement for any applications moved to a "funds reserved" status on or after September 1, 2021**





# CALeVIP EVITP Implementation

- Applicant Requirements
  - Project must use electrical contractors listed on EVITP website (<https://evitp.org/California>)
  - Project must utilize at least one electrician who holds EVITP certification; 25% of electricians must hold certifications for projects with chargers supplying 25 kW or more
- Eligible Contractor Costs
  - Any EVITP labor and materials costs for electrical work must be from contractors listed on EVITP website (<https://evitp.org/California>)
- Documentation Required for Distribution of Incentives
  - Electrical contractor identification (name, address, contact name, phone number)
  - Copy(ies) of electricians' EVITP certification
- All other existing CALeVIP application submission and processing requirements unchanged



# CALeVIP EVITP Decision & Implementation

## Public Comments – 60 mins

- EVITP Timing
  - September 1, 2021
- EVITP Implementation
  - Level 2 projects verify contractor level
  - DCFC projects require 25% of electricians to be EVITP certified



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Thank You



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