

# California Public Utilities Commission (CPUC)

**ZEV Role:** CPUC oversees investor-owned utility investments in ZEV infrastructure and the development and affordability of rates, rebates, and other ZEV customer-facing programs with a focus on accelerating the ZEV market and maximizing ratepayer benefits.

**Equity Focus:** Investment in and incentives for priority communities, encourage broad employment opportunities, pursue affordable rates for fueling, minimize and equitably distribute costs for ZEV infrastructure.

## **ZEV Market Development Objectives**

1. **Transportation Electrification Framework (TEF)/Funding Cycle 1 Implementation.**  
Engage in stakeholder-driven process to determine key implementation details for the Funding Cycle 1 electric utility transportation electrification (TE) investment program, launching in 2025.

### **Key Collaborators:**

All stakeholders

### **Key Results & Actions:**

- a. Review and approve Funding Cycle 1 MDHD and LD Program Administrator selected by the utilities by Q3 2023.
- b. Host public workshops throughout Q3 and Q4 2023 to inform the development of a Program Handbook that will guide the implementation of the Funding Cycle 1 MDHD and LD rebate programs. Key topics to be covered include rebate levels, equity considerations, scope of technical assistance programs, customer load management plans, coordination with CCAs and CBOs, ME&O strategy, small fleet engagement, technical requirements, and programmatic target setting.
- c. The IOUs will file a proposed Program Handbook, which the CPUC must approve via Decision, at the beginning of 2024.
- d. IOUs will file any near-term priority program proposals, via advice letter pursuant to D.21-07-028, by May 31, 2023. The CPUC will aim to approve these proposals by Q4 2023.

2. **Infrastructure Deployment.** Equitably deploy TE charging infrastructure, while ensuring just and reasonable rates for electric utility ratepayers.

**Key Collaborators:**

Electric Utilities, CARB, CEC, CWDB.

**Key Results & Actions:**

1. Issue a ruling to outline next steps on Pacific Gas & Electric's Electric Vehicle Charge 2 Phase 2 application<sup>1</sup> by Q3 2023.
  2. Review and dispose of electric utility Near-Term Transportation Electrification Priority Advice Letters<sup>2</sup> submitted by Q3 2023. Near Term Priority proposal are required to prioritize equity communities.
  3. Review electric utility compliance filings to finalize implementation of Pacific Gas & Electric's Electric Vehicle Fast Charge, Electric Vehicle Fleets, and Electric Vehicle Charge 2 Phase 1; Southern California Edison's Charge Ready Fleets and Charge Ready 2; and San Diego Gas & Electric's Power Your Drive for Fleets and Extension efforts. (*Ongoing*)
  4. Oversee the implementation of authorized electric utility TE programs (Funding Cycle Zero) to ensure they meet the authorized cost, infrastructure deployment, and equity targets, throughout 2023.
  5. Review program and pilot evaluation reports. (*Ongoing*)
3. **AB 841 Implementation.** Oversee electric utilities' implementation of AB 841 EV Infrastructure rules / common costs rules / EVITP requirement / underserved communities requirement

**Key Collaborators:**

Electric Utilities, CARB, CEC, CWDB,

**Key Results & Actions:**

1. Oversee the implementation of the electric utilities EV Infrastructure Rules (*Ongoing*)
2. Review the first year of data for the electric utilities' EV Infrastructure Rules (Q2 2023).
3. Oversee the electric utilities' implementation of the EV Infrastructure Rules meets the service energization timeline requirements adopted in Resolution E-5247.<sup>3</sup>
4. Ensure electric utility TE programs comply with EVITP requirements (*Ongoing*).

---

<sup>1</sup> A.21-10-010

<sup>2</sup> Electric utilities required to file Near-Term Priority Advice Letters by May 31, 2023.

<sup>3</sup> Resolution E-5247 requires the electric utilities achieve a 125-business day service energization average. This timeline applies only to projects that go through the electric utilities' EV Infrastructure Rules. Projects that require service through the electric utilities' Rule 15, require a sub-station upgrade, and/or exceed 2 megawatts are excluded from the timeline.

5. Ensure all new electric utility TE efforts have a minimum of 35%<sup>4</sup> of investments underserved communities (*Ongoing*)
  6. Continue coordination with electric utilities and other state agencies to integrate TE into electrical system planning.
4. **Vehicle-to-Grid (VGI):** Oversee the implementation of SB 676 (Bradford, 2019) and the utilities' implementation for near-term VGI policy actions and other VGI strategies.

**Key Collaborators:**

Electric Utilities, CARB, CEC, CAISO, CCAs, non-Government Organizations, Local and Regional Governments

**Key Results & Actions:**

- a. SCE has requested approval for funding to implement several VGI pilots. The CPUC will determine authorization of these pilots by mid-2023.
  - b. CPUC Energy Division staff will review the annual VGI-related reports from the electric IOUs and CCAs due March 2023.
  - c. The CPUC will host the first annual dual-track VGI Forum in Q3 2023.
  - d. CPUC Energy Division staff will launch a study to consider the costs and benefits of automated load management technology, and evaluate the need for potential incentives within the Funding Cycle 1 TE program. The study will be issued at the beginning of 2024.
5. **Low Carbon Fuel Standard (LCFS) Holdback Funds.** Oversee implementation of electric utilities' LCFS Holdback fund programs.

**Key collaborators:**

CARB, electric utilities

**Key Results & Actions:**

- a. Review electric utilities' LCFS compliance filings due April 2023 by end of Q2 2023
- b. Oversee the electric utilities' implementation of the California Clean Fuels Rewards Program (*ongoing*)
- c. Review and analyze the electric utilities' implementation of approved LCFS program implementation plans. (*ongoing*)
- d. Develop LCFS program data reporting template, data analysis and review of SCE's implementation plans authorized in Resolution 5236-E (*ongoing*)
- e. Review and approve SCE's research proposals authorized in Resolution 5236-E by Q1 2023
- f. Review and approve SDG&E's implementation plan for V2X Equipment Rebate Program and Equity Charging Solutions program by Q1 2023

---

<sup>4</sup> D.21-07-045 requires all electric utility transportation electrification programs have a 50% minimum underserved communities investment target. D.22-11-040 required

- g. Review of additional implementation plans proposed by IOUs as submitted. (ongoing)
6. **PEV Submetering Protocol.** Adopt a PEV Submetering Protocol to allow EV drivers to access EV specific TOU rates without installing a separate utility revenue-grade meter.

**Key Collaborators:** Electric Utilities, CEC, CAISO, California Dept. of Food and Agriculture, Division of Measurement Standards, CPUC's TE proceeding stakeholders

**Key Results & Actions:**

- 1. Review and approved the electric utilities' Submetering Implementation Plan Advice Letters by Q2 2023.
  - 2. Coordinate with the electric utilities to start offering PEV Submetering options to customers (Ongoing)
  - 3. Assist the electric utilities efforts in developing an EV telematics workshop by Q4 2023.
7. **EV Electric Rates:** Develop EV charging rates that facilitate widespread access to transportation electrification for IOU ratepayers.

**Key Collaborators:**

Grid Operators, Electricity Providers, Vehicle Manufacturers and Supply Chain, CPUC's TE proceeding stakeholders

**Key Results & Actions:**

- 1. Continue overseeing the implementation of PG&E's, SCE's, and SDG&E's EV commercial rates. (*Ongoing*)