

## Featured Resources

**Snapshot:** Each of the featured resources listed throughout the Guidebook are summarized.

### 📍 Identifying PEV Infrastructure Needs in Community

- **Statewide Plug-In Electric Vehicle Infrastructure Plan:** The California Energy Commission is developing a statewide Plug-In Electric Vehicle Infrastructure Plan that will provide helpful guidance to local governments about public infrastructure planning.

### 📍 General Plans, Zoning and Building Codes for Plug-In Electric Vehicles

- **California Green Building Standards Code:** The California Green Building Standard Code of Regulations (Title 24, Part 11), also known as the CALGreen Code, provides both mandatory requirements and voluntary measures. Currently, all measures in the code related to ZEVs are voluntary; however, municipalities can make them mandatory by adopting them through ordinance.
- **California Electrical Code:** Article 625 of the California Electrical Code (Title 24, Part 3) provides minimum mandatory requirements for the installation of electric vehicle charging systems. Jurisdictions may further amend these requirements under limited circumstances because of local climatic, geological or topographical conditions.

### 📍 Plug-In Electric Vehicle Infrastructure Permitting

#### • Single-Family Residential Charging

- **Streamlining the Permitting and Inspection Process for Plug-In Electric Vehicle Home Charger Installations:** The California Plug-In Electric Vehicle Collaborative created a report providing recommendations and references so that jurisdictions can create improved procedures for permitting and inspection of in their area.

#### • Charging and Permitting in Multi-Unit Dwellings

- **Multi-Unit Dwelling EV Guidelines:** The California Plug-In Electric Vehicle Collaborative is working on a multi-unit dwelling guideline. The publication will include information about multi-unit dwelling charging installations and case studies. To check on its completion, visit [PEV Resource Center](#).

#### • Workplace Charging

- **Workplace Charging Case Studies:** The California Plug-In Electric Vehicle Collaborative is creating a workplace charging case studies publication and charging decision-making guides, as well as a best practices document with [CALSTART](#). To check on their completion, visit [PEV Resource Center](#).

#### • Retail and Public Sector Charging

- **Plug-In Electric Vehicle Handbook for Public Charging Station Hosts:** The Department of Energy provides a handbook about plug-in electric vehicles for public charging station hosts. It is mainly for site hosts who are considering a charging station, but it also has helpful information for local governments to share with site hosts.

### 📍 Working with Utilities for Plug-In Electric Vehicle Readiness

- All major California utilities have plug-in electric vehicle (PEV) infrastructure programs. The scope may vary by utility provider, but generally, they include working with city officials to develop residential electric vehicle supply equipment (EVSE) procedures, planning for local infrastructure enhancements,

providing time-of-use rates and meter options and working in partnerships to demonstrate public infrastructure programs. These programs include:

- [California Municipal Utilities Association \(CMUA\)](#)
- [Los Angeles' Department of Water and Power \(LADWP\)](#)
- [Pacific Gas & Electric Company](#)
- [Sacramento Municipal Utility District \(SMUD\)](#)
- [San Diego Gas & Electric](#)
- [Southern California Edison](#)
- [Plug-In Electric Vehicle \(PEV\) Resource Center](#)

#### ◊ **Plug-In Electric Vehicle Infrastructure and Equipment Accessibility**

- [Plug-In Electric Vehicles: Universal Charging Access Guidelines and Best Practices](#) (DRAFT): The Governor's Office of Planning and Research has developed draft guidelines that recommend accessibility standards and design guidelines for PEV charging stations. When completed, a final version will be included in the Guidebook.

#### ◊ **Identifying Fuel Cell Electric Vehicle Infrastructure Needs in Communities**

- [A California Road Map: Bringing Hydrogen Fuel Cell Vehicles to the Golden State](#): The California Fuel Cell Partnership's report describes the infrastructure needed to successfully launch the commercial FCEV market.

#### ◊ **Characteristics of Hydrogen as a Fuel**

- [Hydrogen Safety Fact Sheet](#): The Fuel Cell and Hydrogen Energy Association's fact sheet describes the safety of hydrogen and compares its properties to other gases and fuels.

#### ◊ **Partnering with Community Stakeholders**

- The California Plug-In Electric Vehicle Collaborative has published regional PEV readiness plans that are part of the Plug-In Electric Vehicle Readiness Project supporting regional planning and infrastructure development. For more information, view the six regional plans listed or visit [Regional Readiness Plans](#).
  - [Bay Area and Monterey Bay Area](#)
  - [Central Coast](#)
  - [Los Angeles \(South Coast\)](#)
  - [Sacramento](#)
  - [San Diego](#)
  - [San Joaquin Valley](#)
- The California Energy Commission has provided grants to continue regional planning for these six regions plus three others:
  - North Coast
  - Coachella Valley
  - Northern Inland Region

#### ◊ **Zero-Emission Vehicle Incentives and Outreach**

- [Plug-in Electric Vehicle Communication Guides](#): The Plug-In Electric Vehicle Collaborative developed eight guides with information on California-specific topics, such as the benefits of driving PEVs, fuel costs and currently available vehicles.
- [Fuel Cell Electric Vehicle Benefits](#): The California Fuel Cell Partnership's website

explains the benefits of FCEVs and the issues of air pollution, global warming and petroleum dependence.

◉ **Zero-Emission Vehicle Signs and Pavement Markings**

• **Zero-Emission Vehicle Signs and Pavement Markings Policy Directive:**

Caltrans issued Policy Directive 13-01, which lists all approved ZEV signs and pavement markings in the state.

• **California Manual on Uniform Traffic Control Devices:** The MUTCD provides requirements and guidance for the design, use and placement of all signs and road markings on California's roadways.

◉ **Greening Fleets with Zero-Emission Vehicles**

• **Plug-In Electric Vehicle Handbook for Fleet Managers:** The Department of Energy has a handbook about PEVs for fleet managers. It answers basic questions about different vehicle options and charging infrastructure.

◉ **Economic Benefits of Zero-Emission Vehicle Readiness**

• **Careers in Electric Vehicles:** The Bureau of Labor Statistics has prepared a report that provides information on the relevant career fields in the production and maintenance of electric vehicles, including hybrids, plug-in hybrids and battery electric vehicles, as well as the economic outlook for these fields.

