

**Kern Council of Governments
EV Charging Station Installation
Resource List**

NOTE: This resource page uses links to online resources.

1) Plan your station.

In addition to creating the [2019 Kern EV Charging Station Blueprint](#), Kern COG worked with the Center for Sustainable Energy to create six online toolkits, based on the site host location. Follow the link to find toolkits for Workplaces, Destinations, Multi-Unit Dwellings, Public Institutions, Fleets, and Community-based Organizations.

<https://www.kerncog.org/?s=ev+charging+station+toolkit>

[Veloz](#) is an organization established to promote all things EV in California. They have additional resources on their website, including this [EV Charging Station Permitting Guide](#).

2) Contact your electricity utility.

Utilities can offer technical assistance and offer programs for the installation and operation of electric vehicle charging stations. Station installations may require upgrades to transformers, underground wiring, electrical panel upgrades, sub-metering. If you are installing solar panels, that adds another layer of engagement with your utility. You are encouraged to contact your utility early in the process.

Pacific Gas and Electric (PG&E)

[EV Fast Charge Program](#). PG&E will pay for the installation of stations that are open 24/7 to support light-duty electric vehicle charging. The site host purchases the charging station and is responsible for networking fees and ongoing maintenance. Follow the link to learn if your site qualifies, how to apply, qualified charging station vendors, and for more detailed program information.

[Multi-Unit Dwellings](#). If you own apartment or condominium housing, there are considerations as to who pays for the installation of the electrical, the chargers, and the ongoing electricity. PG&E has some information with regards to sub-metering and more, on their website.

[Business \(and MUD, Retail, others\) Electric Vehicle Charging Rate Plans](#). PG&E offers two rate plans. Learn more [here](#).

Southern California Edison (SCE)

[ChargeReady Program](#). SCE offers three ChargeReady options for the installation of charging stations at businesses, public agencies, and multi-family. Within each sector, there are a number of program offerings specific to that category. The website also offers program fact sheets, Frequently Asked Questions, a Quick Reference Guide to the program process and information regarding the SCE New Construction Rebate Program. Please follow the link on the program name to access the program information and resources offered by SCE.

[ChargeReady Transport](#). SCE offers a program designed specifically for fleet operators. Clicking on the program name links you to the Overview webpage. From there you can follow their tabs: How to Electrify, Program Details, Tools and Resources, Ready to Apply? An SCE representative gave a presentation regarding public transit opportunities during Kern COG's 2022 TRANSITions Transit Symposium held March 9, 2022 in Bakersfield. His presentation is found [here](#), starting on page 79.

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[Electric Vehicle Charging Station Rate Plans](#). SCE has differing Time of Use (TOU) rate plans, based on your electricity demands. Rates may vary based on season and time of day. Click on the link to see the SCE TOU rates, accessed online on June 17, 2022.

- 3) Identify Funding Options.
 - a. CALeVIP: <https://calevip.org/incentive-project/san-joaquin-valley>
 - b. San Joaquin Valley Air Pollution Control District: <https://ww2.valleyair.org/grants/>
 - c. East Kern Air Pollution Control District: http://kernair.org/Main_Pages/grants.html NOTE: Some grant funds are distributed annually. Check the website.
 - d. **CalCAP Financing: CLOSED March 31, 2022.** The California State Treasurer's office and the California Energy Commission operated a pilot program for funding loans for EV Charging Stations. Under this program, borrowers were given a rebate once they repaid their loan. The program guaranteed the loans made by participating lending institutions.

- 4) Hire a contractor.

EVITP.org

- 5) Consider Signs
For details, see the [2019 Kern EV Charging Station Blueprint Appendix J Signage](#) (page 282).
 - At the station
 - Wayfinding signs

- 6) List your station on electric vehicle charging station locator maps.
The charging station vendor may list your station on their locator website.
Plugshare.com
[Alt Fuel Data Center Station Locator](#)