

Electric Vehicle Charging Incentive Program Equipment Specifications

Level 1 or Level 2 Outlet

- Outlets must be 120 volt or 208/240V outlets.
- Each outlet must provide a 1.4 kW minimum power supply.
- NEMA-rated receptacle for 15- or 20-amp circuit must be installed.
- Ground Fault Circuit Interrupter (GFCI) receptacles must be used.
- Receptacles installed outside must use NEMA 3R minimum rated enclosures.
- There must be a dedicated EV charging circuit breaker that is clearly labeled in the service panel or sub-panel.
- The outlet must be within 14 feet of a vehicle charging parking spot(s).
- Installation must be completed by a valid California state-licensed electrician.

Level 2 Charging Station Port

- Charger must utilize an SAE J1772 or SAE J3400/North American Charging Standard (NACS) compliant charging connector.
- Charger must have a 6.2 kW minimum capable power supply. Actual operating draw may be lower when controlled by power management.
- Charger must be NEMA 3R rated minimum.
- Charger must be UL 2594 certified by a Nationally Recognized Testing Laboratory (NRTL).
- Equipment must be new and installed for the first time, hardwired and either installed on a wall or pedestal.
- A minimum 3-Year Warranty must be included.
- If software is used:
 - Must have networking agreement with EVSP network for minimum 2 years.
 - Networked charger software must use open standard protocol like Open Charge Point Protocol (OCPP)

Panel Upgrade

- New electrical panels must be specified and installed in compliance with the California Electrical Code.
- The new panel must be required in order to enable the new charging equipment load. Before and after photos of the panel are required.

Pre-Wiring

- Installation of electrical infrastructure, including panels, wire, conduit, breakers, etc. capable of powering future EVSE installation.
- Must include conduit out to each site, terminate in the distribution panel and be stubbed-out at the parking spot/charging site.
- Can not be layered with level 2 incentives from other programs to fund the same port.

Eligible Costs

The maximum incentive award is up to 100% of the project cost or the maximum port incentive, whichever is less.

- Charging equipment
- Permit fees

- Installation labor costs
- Electrical improvements, including panel upgrade costs
- Infrastructure upgrade costs
- Operations and maintenance agreements
- Equipment warranty
- Load management equipment
- All invoices must be marked as paid

Note that all work and equipment purchases must occur after the date of reservation of funds. Planning and design work are permissible prior to the reservation date. SVCE requires itemized invoices clearly documenting eligible costs in order to complete a claim.