

**RESIDENTIAL AND NON-RESIDENTIAL
CHECKLIST FOR PERMITTING ELECTRIC VEHICLES
AND ELECTRIC VEHICLE SERVICE EQUIPMENT (EVSE)**

Please complete the following information related to permitting and installation of Electric Vehicle Service Equipment (EVSE) as a supplement to the application for a building permit. This checklist contains the technical aspects of EVSE installations and is intended to help expedite permitting and use for electric vehicle charging.

Upon this checklist being deemed complete, a permit shall be issued to the applicant. **However, if it is determined that the installation might have a specific adverse impact on public health or safety, additional verification will be required before a permit can be issued.**

This checklist substantially follows the "Plug-In Electric Vehicle Infrastructure Permitting Checklist" contained in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook" and is purposed to augment the guidebook's checklist.

Jobsite Address: _____

Permit No.: _____

- Single-Family Multi-Family (Apartment) Multi-Family (Condominium)
 Commercial (Single Business) Commercial (Multi-Businesses)
 Mixed-Use Public Right-of-Way

Location and Number of EVSE to be Installed:

Garage _____ Parking Level(s) _____ Parking Lot _____ Street Curb _____

Description of Work: _____

Applicant Name: _____

Applicant Phone & email: _____

Contractor Name: _____ License Number & Type: _____

Contractor Phone & email: _____

Owner Name: _____

Owner Phone & Email: _____

EVSE Charging Level: Level 1 (120V) Level 2 (240V) Level 3 (480V)

Maximum Rating (Nameplate) of EV Service Equipment = _____ kW

Voltage EVSE = _____ V Manufacturer of EVSE: _____

Mounting of EVSE: Wall Mount Pole Pedestal Mount Other

System Voltage:

120/240V, 1φ, 3W 120/208V, 3φ, 4W 120/240V, 3φ, 4W

277/480V, 3φ, 4W Other _____

Rating of Existing Main Electrical Service Equipment = _____ Amperes

Rating of Panel Supplying EVSE (if not directly from Main Service) = _____ Amps

Rating of Circuit for EVSE: _____ Amps / _____ Poles

AIC Rating of EVSE Circuit Breaker (if not Single Family, 400A) = _____ A.I.C.

(or verify with Inspector in field)

Specify Either Connected, Calculated or Documented Demand Load of Existing Panel:

• Connected Load of Existing Panel Supplying EVSE = _____ Amps

• Calculated Load of Existing Panel Supplying EVSE = _____ Amps

• Demand Load of Existing Panel or Service Supplying EVSE = _____ Amps

(Provide Demand Load Reading from Electric Utility)

Total Load (Existing plus EVSE Load) = _____ Amps

For Single Family Dwellings, if Existing Load is not known by any of the above methods, then the Calculated Load may be estimated using the "Single-Family Residential Permitting Application Example" in the Governor's Office of Planning and Research

"Zero Emission Vehicles in California: Community Readiness Guidebook" <https://www.opr.ca.gov>

EVSE Rating _____ Amps x 1.25 = _____ Amps = Minimum Ampacity

of EVSE Conductor = # _____ AWG

For Single-Family: Size of Existing Service Conductors = # _____ AWG or kcmil

or: Size of Existing Feeder Conductor

Supplying EVSE Panel = # _____ AWG or kcmil

(or Verify with Inspector in field)

I hereby acknowledge that the information presented is a true, correct representation of existing conditions at the job site, and that any causes for concern as to life-safety verifications may require further substantiation of information.

Signature of Permit Applicant: _____ Date: _____