



Town of Yountville

CALIFORNIA

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. https://www.opr.ca.gov/docs/ZEV_Guidebook.pdf

Job Address:	Permit No.
<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial (Single Business) <input type="checkbox"/> Commercial (Multiple Businesses) <input type="checkbox"/> Mixed-Use	
Location and Number of EVSE to be Installed:	
Garage _____ 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: <input type="checkbox"/> Level 1 (120V) <input type="checkbox"/> Level 2 (240V) <input type="checkbox"/> Level 3(480V)	
Maximum Rating (Nameplate) of EV Service Equipment = _____ kW	
Voltage EVSE = _____ V	Manufacturer of EVSE: _____
Mounting of EVSE: <input type="checkbox"/> Wall Mount <input type="checkbox"/> Pole Pedestal Mount <input type="checkbox"/> Other _____	

System Voltage: <input type="checkbox"/> 120/240V, 1 ϕ , 3W <input type="checkbox"/> 120/208V, 3 ϕ , 4W <input type="checkbox"/> 120/240V, 3 ϕ , 4W <input type="checkbox"/> 277/480V, 3 ϕ , 4W <input type="checkbox"/> 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) = _____ AIC (or verify with Inspector in field)

Specify Either Connected, Calculated, or Documented Demand Load of Existing Panel:
<ul style="list-style-type: none"> • Connected Load of Existing Panel Supplying EVSE = _____ Amps
<ul style="list-style-type: none"> • Calculated Load of Existing Panel Supplying EVSE = _____ Amps
<ul style="list-style-type: none"> • Demand Load of Existing Panel or Service Supplying EVSE = _____ Amps (Provide Demand Load Reading from Electric Utility)
Total Load (Existing plus EVSE Load) = _____ Amps
<p><i>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"</i></p> <p><i>https://www.opr.ca.gov</i></p>

EVSE Rating _____ Amps x 1.25 = _____ Amps = Minimum
Capacity 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 and 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: _____

Updated 30 January 2020