



## COUNTY OF LAKE

### 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.

Applicant Name:
Job Address:
Permit Number:

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 $\phi$ , 3W	<input type="checkbox"/> 120/208V, 3 $\phi$ , 4W
<input type="checkbox"/> 277/480V, 3 $\phi$ , 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) = _____ A.I.C. (or verify with Inspector in field)

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

Site Plan showing location of MSP and EVCS location <input type="checkbox"/>
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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: \_\_\_\_\_