



Non-Residential Electric Vehicle Charging Stations

Eligibility Checklist for Expedited Permitting Process Non-Residential Electric Vehicle Charging Station

This checklist is provided to determine if your application is eligible for expedited EVCS processing. If any applicable item is checked NO, the application will go through the standard plan review process. If item M or N is not applicable check the N/A box.

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)	Quantity of each type
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	
Level 2 – 3.3 kilowatt (kW) (Low)	208/240 VAC at 20 or 30 Amps	
Level 2 – 6.6 kW (medium)	208/240 VAC at 40 Amps	
Level 2 – 9.6 kW (high)	208/240 VAC at 50 Amps	
Level 2 – 19.2 kW (highest)	208/240 VAC at 100 Amps	
DC Fast Charging	440 or 480 VAC	
Other (Provide Detail): _____	Provide Ratings: _____	

PERMIT APPLICATION

A. Is the application complete with the following information: Project address, parcel #, builder/owner name, contractor name, valid contractor license #, phone numbers etc.	Y	N
B. Does the application include EVCS manufacturer's specs and installation guidelines	Y	N

ELECTRIC LOAD CALCULATION WORKSHEET

C. Is an electrical load calculation worksheet included? (CEC 220)	Y	N
D. Based on the load calculation worksheet, a new electrical service panel upgrade is not required	Y	N
E. Is the charging circuit appropriately sized for a continuous load (125%)	Y	N
F. If charging equipment proposed is a Level 2 – 9.6 kW station with a circuit rating of 50 Amps or higher, is a completed circuit card with electrical calculations included with the single line diagram	Y	N

SITE PLAN & SINGLE LINE DRAWING

G. Is a site plan and electrical plan with a single-line diagram included with the permit application	Y	N
1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a mechanical plan included with the permit application	Y	N
H. Is the site plan fully dimensioned and drawn to scale	Y	N
1) Showing location, size, and use of all structures	Y	N
2) Showing location of electrical panel to charging system	Y	N
3) Showing type of charging system and mounting	Y	N

COMPLIANCE WITH 2022 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

I. Does the plan include EVCS manufacturer's specs and installation guidelines	Y	N
J. Does the electrical plan identify the amperage and location of existing electrical service panel	Y	N
1) If yes, does the existing panel schedule show room for additional breakers	Y	N
K. Is the charging unit rated more than 60 amps or more than 150V to ground	Y	N
1) If yes, are disconnecting means provided in a readily accessible location in line of site and within 50' of EVCS. (CEC 625.43)	Y	N
L. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark. (UL 2202/UL 2200)	Y	N
M. If trenching is required, is the trenching detail called out	N/A	Y
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)	Y	N
2) Is the trenching in compliance of minimum cover requirements for wiring methods or circuits (18" for direct burial per CEC 300)	Y	N

COMPLIANCE WITH 2022 MANDATORY CALGREEN CODE FOR NEW CONSTRUCTION

N. If CAL Green EV Readiness installation requirements apply to this project:	N/A	
1) Are Cal Green requirements identified on the plan?. (5.106.5.3.3)	Y	N
2) Do the plans demonstrate conformance with mandatory measures for 3% of total parking spaces in lots with 51+ must be EV capable	Y	N