



Contra Costa County
Department of Conservation and Development
30 Muir Road, Martinez, CA
 Office: (925) 674-7200 Fax: (925) 674-7244

**Eligibility Checklist for Expedited
 Electric Vehicle Charging Station
 Residential Permitting**

In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)	Check one
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	<input type="checkbox"/>
Level 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps	<input type="checkbox"/>
Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps	<input type="checkbox"/>
Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps	<input type="checkbox"/>
Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps	<input type="checkbox"/>
Other (provide detail):	Provide rating:	<input type="checkbox"/>

PERMIT APPLICATION

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

ELECTRIC LOAD CALCULATION WORKSHEET

A. Is an electrical load calculation worksheet included? (CEC 220)	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, do plans include the electrical service panel upgrade?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging circuit appropriately sized for a continuous load? (125%) (CEC 210.20)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. 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?	<input type="checkbox"/> Y	<input type="checkbox"/> N

SITE PLAN & SINGLE LINE DRAWING

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

COMPLIANCE WITH 2019 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

A. Does the plan include EVCS manufacturer's specs and installation guidelines?	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Does the electrical plan identify the amperage and location of existing electrical service panel?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, does the existing panel schedule show room for additional breakers?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging unit rated more than 60 amps or more than 150V to ground?	<input type="checkbox"/> Y	<input type="checkbox"/> 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)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing Mark? (UL 2202/UL 2200)	<input type="checkbox"/> Y	<input type="checkbox"/> N
E. If trenching is required, is the trenching detail called out?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Is the trenching in compliance with minimum cover requirements for wiring methods or circuits? (18" for direct burial per CEC 300)	<input type="checkbox"/> Y	<input type="checkbox"/> N



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**Eligibility Checklist for Expedited
 Electric Vehicle Charging Station
 Multi-Unit Dwelling Permitting**

In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)	Check one
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	<input type="checkbox"/>
Level 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps	<input type="checkbox"/>
Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps	<input type="checkbox"/>
Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps	<input type="checkbox"/>
Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps	<input type="checkbox"/>
Other (provide detail):	Provide rating:	<input type="checkbox"/>

PERMIT APPLICATION

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

ELECTRIC LOAD CALCULATION WORKSHEET

A. Is an electrical load calculation worksheet included? (CEC 220)	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, do plans include the electrical service panel upgrade?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging circuit appropriately sized for a continuous load? (125%) (CEC 210.20)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. 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?	<input type="checkbox"/> Y	<input type="checkbox"/> N

SITE PLAN & SINGLE LINE DRAWING

A. Is a site plan and electrical plan with a single-line diagram included with the permit application?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a mechanical plan included with the permit application?	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Is the site plan fully dimensioned and drawn to scale?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Showing location, size, and use of all structures	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Showing location of electrical panel to charging system	<input type="checkbox"/> Y	<input type="checkbox"/> N
3) Showing type of charging system and mounting	<input type="checkbox"/> Y	<input type="checkbox"/> N
4) Showing accessible space(s) and route(s) per CBC sections 11B-228.3 and 11B-812?	<input type="checkbox"/> Y	<input type="checkbox"/> N

COMPLIANCE WITH 2019 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

A. Does the plan include EVCS manufacturer's specs and installation guidelines?	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Does the electrical plan identify the amperage and location of existing electrical service panel?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, does the existing panel schedule show room for additional breakers?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging unit rated more than 60 amps or more than 150V to ground?	<input type="checkbox"/> Y	<input type="checkbox"/> 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)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing Mark? (UL 2202/UL 2200)	<input type="checkbox"/> Y	<input type="checkbox"/> N
E. If trenching is required, is the trenching detail called out?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Is the trenching in compliance with minimum cover requirements for wiring methods or circuits? (18" for direct burial per CEC 300)	<input type="checkbox"/> Y	<input type="checkbox"/> N



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**Eligibility Checklist for Expedited
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 Non-Residential Permitting**

In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)		Check one
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	Commercial/Office Building	<input type="checkbox"/>
Level 2 – 3.3 kilowatt (kW) (Low)	208/240 VAC at 20 or 30 Amps	Multi-Unit dwelling	<input type="checkbox"/>
Level 2 – 6.6 kW (medium)	208/240 VAC at 40 Amps	Commercial Office Building	<input type="checkbox"/>
Level 2 – 9.6 kW (high)	208/240 VAC at 50 Amps	Public Access	<input type="checkbox"/>
Level 2 – 19.2 kW (highest)	208/240 VAC at 100 Amps		<input type="checkbox"/>
DC Fast Charging	440 or 480 VAC	Public Access/Large Com. Office Building or parks Hospitality & Recreation	<input type="checkbox"/>
Other (Provide Detail):	Provide Ratings:		<input type="checkbox"/>

PERMIT APPLICATION

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

ELECTRIC LOAD CALCULATION WORKSHEET

A. Is an electrical load calculation worksheet included? (CEC 220)	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, do plans include the electrical service panel upgrade?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging circuit appropriately sized for a continuous load? (125%) (CEC 210.20)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. 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?	<input type="checkbox"/> Y	<input type="checkbox"/> N

SITE PLAN & SINGLE LINE DRAWING

A. Is a site plan and electrical plan with a single-line diagram included with the permit application?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a mechanical plan included with the permit application?	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Is the site plan fully dimensioned and drawn to scale?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Showing location, size, and use of all structures	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Showing location of electrical panel to charging system	<input type="checkbox"/> Y	<input type="checkbox"/> N
3) Showing type of charging system and mounting	<input type="checkbox"/> Y	<input type="checkbox"/> N
4) Showing accessible space(s) and route(s) per CBC sections 11B-228.3 and 11B-812?	<input type="checkbox"/> Y	<input type="checkbox"/> N

COMPLIANCE WITH 2019 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

A. Does the plan include EVCS manufacturer's specs and installation guidelines?	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Does the electrical plan identify the amperage and location of existing electrical service panel?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, does the existing panel schedule show room for additional breakers?	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging unit rated more than 60 amps or more than 150V to ground?	<input type="checkbox"/> Y	<input type="checkbox"/> 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)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing Mark? (UL 2202/UL 2200)	<input type="checkbox"/> Y	<input type="checkbox"/> N
E. If trenching is required, is the trenching detail called out?	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Is the trenching in compliance with minimum cover requirements for wiring methods or circuits? (18" for direct burial per CEC 300)	<input type="checkbox"/> Y	<input type="checkbox"/> N