



Siskiyou County
Planning Commission Staff Report
May 17, 2023

New Business: Agenda Item Number 2
Electric Vehicle Charging Stations Ordinance and Permitting Checklist

Project Summary

Siskiyou County is required to comply with AB 1236 and AB 970. AB 1236 requires that all counties streamline Electric Vehicle Charging Station (EVCS) by:

- Adopting an EVCS permit streamlining ordinance with 7 key components, and;
- Posting EVCS permit checklists for both residential and non-residential applicants online (if a jurisdiction operates a website).

The County has drafted materials to comply with AB 1236 and AB 970.

Location:

Countywide

Exhibits:

- A. Draft Zoning Ordinance
- B. AB 1236 Checklist

Background

In 2015, the State of California adopted AB 1236 (codified as Government Code Section 65850.7), which requires local jurisdictions to adopt an ordinance to create an expedited, streamlined permitting process for electric vehicle charging stations (EVCS)¹. Additionally, in 2021, the State adopted AB 970 (codified in Government Code Section 65850.71), which builds on the State's existing permit streamlining law by adding timelines for EVCS application review and approval. Whereas AB 1236 requires that jurisdictions limit their review of EVCS projects to health and safety requirements, AB 970 adds specific binding timelines to that review period based on the size of the project. AB 970 also clarifies that cities and counties shall reduce the number of required parking spaces by the amount necessary to accommodate the EVCS if the EVCS and associated equipment interferes with, reduces, eliminates, or in any way impacts the required parking spaces for existing uses.

AB 1236 and AB 970 apply to all charging station installations, including: Level 1, Level 2, and DC Fast

Charging; public and private charging stations; light-, medium-, and heavy-duty electric vehicle charging stations; and stations that are installed as the accessory or primary use of a site. AB 1236 and AB 970 likewise apply to essential components and infrastructure necessary for charging station function.

The required ordinance to create an expedited, streamlined permitting process is included as Exhibit A. Consistent with AB 1236, staff has also developed the required checklist containing objective requirements for the installation of an electric vehicle charging station (see Exhibit B). The content of the checklist requires the permit applicant to check the features of the existing electrical service such as rating in amperes, system voltage, connected or calculated load, spare capacity in amperes, voltage and ampere rating of the electric vehicle supply equipment, circuit rating of the electric vehicle supply equipment, location of the electric vehicle supply equipment, if ventilation is/ or is not required, and clearances of the charging equipment to comply with all applicable building and fire safety laws. The checklist also assists the applicant in confirming that the location of the electric vehicle supply equipment will comply with any vehicle clearance requirements in the County's Zoning Ordinance.

Environmental Review

The project entails adoption of an ordinance to create an expedited, streamlined permitting process for electric vehicle charging stations in compliance AB 1236 and AB 970. Because there is no potential for a significant adverse impact on the environment as a result of adoption and implementation of the ordinance, the project is exempt from environmental review pursuant to CEQA Guidelines Section 15061(b)(3) (i.e., the "common sense exemption"). Section 15061(b)(3) states that CEQA only applies to projects that have the potential for causing a significant effect on the environment.

¹ An electric vehicle charging station is any level of electric vehicle supply equipment station which delivers electricity from a source outside an electric vehicle into a plug-in electric vehicle.

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Preparation

Prepared by the Siskiyou County Planning Division.

For project specific information or to obtain copies for your review, please contact:

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ORDINANCE NO. _____

**AN ORDINANCE OF THE BOARD OF SUPERVISORS OF THE COUNTY OF SISKIYOU
ADDING CHAPTER 5, ELECTRIC VEHICLE CHARGING STATIONS, TO TITLE 9,
BUILDING REGULATIONS, TO THE SISKIYOU COUNTY CODE**

WHEREAS, California Government Code Section 65850.7 requires that every city and county adopt an ordinance establishing an expedited, streamlined permitting process for electric vehicle charging stations; and

WHEREAS, the Board of Supervisors recognizes the importance of the creation of an expedited, streamlined, and cost-effective permitting process for electric vehicle charging stations; and

WHEREAS, the Board of Supervisors desires to facilitate convenient charging of electric vehicles and help reduce the community's reliance on fossil fuels.

NOW, THEREFORE, BE IT RESOLVED the Board of Supervisors of the County of Siskiyou ordains as follows: **SECTION I:** Chapter 5, Electric Vehicle Charging Stations, is hereby added to Title 9, Building Regulations, of the Siskiyou County Code to read as follows:

Chapter 5 – ELECTRIC VEHICLE CHARGING STATIONS

Sections

- 9-5.01 Definitions.
- 9-5.02 Purpose.
- 9-5.03 Applicability.
- 9-5.04 Electric vehicle charging system requirements.
- 9-5.05 Duties of the building official.
- 9-5.06 Permit review requirements.
- 9-5.07 Permit application timelines.

9-5.01 Definitions.

For the purposes of this chapter, the following words and phrases shall have the meanings respectively ascribed to them by this section:

“Electric vehicle charging station” or “charging station” means any level of electric vehicle supply equipment station that is designed and built in compliance with Article 625 of the California Electrical Code and delivers electricity from a source outside an electric vehicle into a plug-in vehicle.

“Electronic submittal” means the utilization of one or more of either electronic mail, the internet, or facsimile.

“Specific adverse impact” means a significant, quantifiable, direct, and unavoidable impact, based on objective, identified, and written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete. Feasible methods to satisfactorily mitigate or avoid the specific adverse impact include, but are not limited to, any cost-effective methods, conditions, or mitigations imposed by the county on other similarly situated applications in a prior successful application for a similar permit.

9-5.02 Purpose.

The purpose of this chapter is to promote and encourage the use of electric vehicles by creating an expedited, streamlined permitting process for electric vehicle charging stations while promoting public health and safety and preventing specific adverse impacts in the installation and use of such charging stations.

9-5.03 Applicability.

This chapter applies to the permitting of all electric vehicle charging stations in the county. Electric vehicle charging stations legally established or permitted prior to the effective date of this chapter are not subject to the requirements of this chapter unless physical modifications or alterations are undertaken that materially change the size, type, or components of an electric vehicle charging system in such a way as to require new permitting. Routine operation and maintenance or like-kind replacements shall not require a permit.

9-5.04 Electric vehicle charging system requirements.

- A. All electric vehicle charging stations shall meet the requirements of the California Electrical Code, the Society of Automotive Engineers, the National Electrical Manufacturers Association, and accredited testing laboratories such as Underwriters Laboratories, and rules of the Public Utilities Commission regarding safety and reliability.
- B. Installation of electric vehicle charging stations shall be incorporated into the load calculations of all new or existing electrical services and shall meet the requirements of the California Electrical Code. Electric vehicle charging equipment shall be considered a continuous load.
- C. Anchorage of either floor-mounted or wall-mounted electric vehicle charging stations shall meet the requirements of the California Building or Residential Code as applicable per occupancy, and the provisions of the manufacturer's installation instructions. Mounting of charging stations shall not adversely affect building elements.

9-5.05 Duties of the building official.

- A. All documents required for submission of an electric vehicle charging system application shall be made publicly available on the county's website.
- B. By resolution, the board of supervisors shall adopt a checklist of all requirements with which electric vehicle charging stations shall comply to be eligible for expedited review.
- C. The electric vehicle charging system permit process and checklist shall substantially conform to recommendations contained in the most current version of the Plug-In Electric Vehicle Infrastructure Permitting Checklist contained in the Zero-Emission Vehicles in California: Community Readiness Guidebook adopted by the Governor's Office of Planning and Research.
- D. The building official shall allow the electronic submittal of the electric vehicle charging station application.

9-5.06 Permit review requirements.

- A. Review of the permit application shall be limited to the chief building official's review of whether the application meets local, state, and federal health and safety requirements. The application shall be administratively reviewed by the building official as a nondiscretionary permit.
- B. The county shall not condition approval of an application on the approval of an association, as that term is defined by Civil Code Section 4080.

- C. An application for an electric vehicle charging station shall be deemed complete and the permit available for issuance, when the building official determines that the application satisfies all the requirements found in the checklist.
- D. If an application is deemed incomplete, a written plan check correction notice will be available to the applicant within ten (10) working days, detailing all deficiencies in the application and any additional information or documentation required to be eligible for expedited permit issuance shall be given to the applicant for resubmission.
- E. The building official, in consultation with the planning director, may require an applicant to apply for a conditional use permit if the building official finds, based on substantial evidence, that the electric vehicle charging station could have a specific adverse impact upon the public health and safety. The building official's decision to require a conditional use permit may be appealed by the applicant to the planning commission pursuant to Section 9-03.07 (Application Review).
- F. If a conditional use permit is required, the application for the conditional use permit may be denied if the planning commission makes written findings, based upon substantial evidence in the record, that the proposed installation would have a specific adverse impact upon the public health or safety and there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact. Such findings shall include the basis for the rejection of potential feasible alternatives for preventing the specific adverse impact. Such decisions may be appealed to the board of supervisors pursuant to Section 1-4.01 (Right to appeal).

9-5.07 Permit application timelines.

- A. An application for twenty-five (25) or fewer electric vehicle charging stations at a single site shall be deemed complete if after five (5) business days the building inspector has not found the application to be complete or issued a written deficiency notice containing the following information:
 - 1. Details regarding the changes needed to make the application consistent with the county's electric vehicle charging station permit checklist; and
 - 2. Identification of specific information necessary for the building inspector to conduct a limited review of whether the project meets all health and safety requirements.
- B. An application for more than twenty-five (25) electric vehicle charging stations at a single site shall be deemed complete if after ten (10) business days the county has not found the application to be complete or issued a written deficiency notice containing the information required pursuant to subsections (A)(1) and (A)(2) of this section.
- C. If not already approved or denied pursuant to the requirements of Section 9-5.06 (Permit review requirements), an application for twenty-five (25) or fewer electric vehicle charging stations at a single site shall be deemed approved twenty (20) business days after it was deemed complete, provided:
 - 1. The county has not made a finding, based on substantial evidence, that the electric vehicle charging station(s) could have a specific adverse impact upon the public health or safety;
 - 2. The county has not required the applicant to apply for a use permit as specified in subsection E of Section 9-5.06 (Permit review requirements); and
 - 3. An appeal has not been made to the planning commission pursuant to Section 9-03.07 (Application Review).

- D. If not already approved or denied pursuant to the requirements of Section 9-5.06 (Permit review requirements), an application for more than twenty-five (25) electric vehicle charging stations at a single site shall be deemed approved forty (40) business days after it was deemed complete if:
1. The county has not made a finding, based on substantial evidence, that the electric vehicle charging station(s) could have a specific adverse impact upon the public health or safety;
 2. The county has not required the applicant to apply for a use permit as specified in subsection E of Section 9-5.06 (Permit review requirements); and
 3. An appeal has not been made to the planning commission pursuant to Section 9-03.07 (Application Review).

SECTION II: FINDINGS: Because there is not substantial evidence, in light of the whole record before the County, that this ordinance would have a significant impact on the environment, the Board of Supervisors has determined that this ordinance is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15061(b)(3).

SECTION III: CONSTITUTIONALITY: If any section, subsection, sentence, clause, or phrase of this ordinance is for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The Board of Supervisors hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause, or phrase of this ordinance irrespective of the fact that any one or more of the sections, subsections, sentences, clauses or phrases be declared unconstitutional.

SECTION IV: This ordinance shall become effective thirty (30) days after its passage, and within fifteen (15) days after its adoption a summary of it shall be published in the Siskiyou Daily News, printed and published in Siskiyou County.

PASSED AND ADOPTED this ____ day of _____ 2023, at a regular meeting of the Siskiyou County Board of Supervisors by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Ed Valenzuela, Chair

ATTEST:

Wendy Winningham, Deputy County Clerk

Expedited Permitting Process for Electric Vehicle Charging Stations

Purpose: This document provides all of the needed links to forms and checklists necessary to utilize the County of Siskiyou's Expedited Permitting Process for Electric Vehicle Charging Stations (EVCS). This process provides an expedited and streamlined permitting process for qualifying EVCS systems. Once all of the documentation is correctly and fully completed and submitted, a permit will be processed and approved for issuance in a timely manner (usually 3 to 5 business days).

Instructions:

- Step 1** Download, review and complete the Electric Vehicle Charging Stations (EVCS) Checklist below. Submit all information requested on the checklist.
- Step 2** Fully complete and sign a [Building Permit Application](#) form.
- Step 3** Complete and sign the [Smoke Alarm & Carbon Monoxide Alarm Declaration](#) form (if applicable).
- Step 4** Submit all of the required documentation (Step 1 through Step 3) to the Siskiyou County Community Development Department at 806 S. Main Street, Yreka, CA or via the [Online Permitting Portal](#). The Building Division will notify you when the documents have been reviewed and approved and the permit is ready to be issued.

Submittal Requirements Checklist for Permitting of Electric Vehicle Charging Stations (EVCS)

This checklist is provided to guide applicants through a streamlined permitting process for Electric Vehicle Charging Stations (EVCS).

1. Approval Requirements

- A. The Building Division will conduct the plan review and inspection for EVCS installations.
- B. Planning Division plan review approval is not required for EVCS installations unless the Building Official determines that the proposed EVCS will have a specific, adverse impact upon the public health or safety.
- C. CAL FIRE plan review and inspection approval is not required for EVCS installations unless the system includes a stationary storage battery system as defined in the CA Fire Code.

2. Submittal Information

- A. All forms and checklists described herein are available on the Building Division's "Applications and Permits" webpage located at www.co.siskiyou.ca.us/building/page/applications-and-permits.
- B. A [Building Permit Application](#) (available at the Community Development Department or on the Building Division's "Applications and Permits" webpage) is required for all EVCS installations.
- C. One copy of this checklist must be completed and submitted to the Building Inspector along with the Building Permit application. Please provide an explanation for any checklist item not completed or met.
- D. Provide three (3) sets of plans for the proposed EVCS (11" x 17" plan size; 1/8" = 1'-0" minimum scale, 9 pt. Arial or equal font size or 1/8" minimum neatly hand printed lettering). Plan submittals shall include, but not be limited to the following:
 - 1. A Title Page
 - 2. A Site Plan ***[Not required for Level One or Level Two EVCS equipment installed within an existing one- or two-family residential structure (e.g., garage or carport).]***
 - 3. An Electrical Floor Plan ***[Not required for exterior EVCS equipment installations.]***
 - 4. A Single-Line Electrical Diagram ***[Not required for Level 1 charging station Load Calculations.]***

3. General Requirements for EVCS to be Shown and Noted on Plans

Use the following checklist items for preparation and submittal of your plans. The level of detail and the specific plan requirements will depend upon the extent, nature and complexity of the work to be done. All applicable checklist items must be noted or specified on the plans. Indicate the plan sheet number where the applicable requirement is shown or specified.

4. Type of EVCS (please check one)

Check One	Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)
	Level 1	110/120 VAC at 15 or 20 Amps
	Level 2 - 3.3 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 (Specify and provide details):	

5. Submittal Requirements Checklist for EVCS

PERMIT APPLICATION REQUIREMENTS		
Yes	No	1. Is the permit application complete with the following information: <ul style="list-style-type: none"> • Project address and parcel number; • Owner name, address, and phone number; • Contractor name, address, phone number, and contractor’s license number; and • Other information requested on the permit application form?
Yes	No	2. Is an electrical load calculation included with the permit application? (CEC ¹ 220)
Yes	No	3. Based on the required load calculation ² , is an electrical service panel upgrade required?
Yes	No	If yes, do plans show and specify the electrical service panel upgrade?
	N/A	
Yes	No	4. Is the EVCS branch circuit conductor appropriately sized for a continuous load of 125% of the EVCS equipment plus any other non-continuous loads per CEC 210.19?

PLANS		GENERAL
Yes	No	<p>5. Do the drawings meet the following standards?</p> <ul style="list-style-type: none"> • Drawn to scale. • Paper not less than 11" by 17" (24" x 36" preferred). • Landscape orientation. • Text printed in not less than 9-point Arial font or font of equal size or 1/8" minimum neatly hand printed lettering.
Yes	No	<p>6. Do the plans include a Title Page that includes at least the following property information?</p> <ul style="list-style-type: none"> • Property address. • Name, address, and phone number of the property owner. • Name, address, phone number, and license number of the person responsible for the EVCS system design. • Codes applicable to the project. • Occupancy and use of the facilities. • Narrative description and scope of the proposed work.
Yes	No N/A	<p>7. Is a Site Plan included with the permit application that includes the following information? <i>[Not required for Level One or Level Two EVCS equipment installed within an existing one- or two-family residential structure (e.g., garage or carport).]</i></p> <ul style="list-style-type: none"> • Location and name of structure(s) on the site. • Property lines, streets, lot dimensions, north arrow, and distance from property lines to structures and the proposed EVCS equipment. • Dimensioned parking improvements, driveways, etc. • EVCS equipment, main electric service panel, disconnects, and overcurrent protection locations. • Underground conduit locations and routing. • Location of additional meter, if applicable. • All site-related accessibility requirements prescribed by CA Building Code (CBC). • Sections 11B-228 and 11B-812 are shown and fully specified. <i>[Applicable only to commercial facilities, public and common use areas, public accommodations, and public housing as defined in the CA Building Code.]</i> • Detailed and specific site of all related proposed work. <i>[See additional requirements below.]</i>

<p>Yes No N/A</p>	<p>8. Is an Electrical Floor Plan included with the permit application that includes the following information? <i>[Not required for exterior installations.]</i></p> <ul style="list-style-type: none"> • Plan view of the location of the proposed EVCS equipment including the use of the space or area where the EVCS will be installed. • All applicable electrical plan related requirements of CEC Article 625 are shown or specified on the plan. • All electrical plan related accessibility requirements prescribed by CA Building Code (CBC) Sections 11B-228 and 11B-812 are shown and fully specified. <i>[Applicable only to commercial facilities, public and common use areas, public accommodations, and public housing as defined in the CA Building Code.]</i> • Detailed and specific plan of all related proposed work. <i>[See additional requirements below.]</i>
<p>Yes No N/A</p>	<p>9. Is a Single-Line Electrical Diagram included with the permit application that includes the following information? <i>[Not required for Level 1 charging station installations.]</i></p> <ul style="list-style-type: none"> • List and label all EVCS supply equipment. • Conductor and conduit size, type, and location. • Size of the over current device (circuit breaker) supplying the EVCS. • The size and location of the main electric panel, distribution panels (sub panels), overcurrent protection, disconnects, additional meters, and EVCS equipment. • The type (level), voltage, and ampacity for each charging station. • All equipment labeling requirements per CEC 625.15.
<p>Yes No</p>	<p>10. Are two (2) sets of the EVCS Manufacturer Installation Details and Specifications included with the permit application?</p>
<p>Yes No N/A</p>	<p>11. Are two (2) copies of Electrical Service Load Calculations provided for sizing of the electrical service panel pursuant to CA Electrical Code (CEC) Article 220? <i>[NOTE: Make sure to include 125% of the EV charging station load in the calculation.]</i></p>
<p>Yes No N/A</p>	<p>12. If the EVCS equipment is listed for charging electric vehicles that require ventilation for indoor charging, is a Mechanical Plan showing and specifying all of the ventilation requirements prescribed by CEC 625.52 included with the permit application?</p>
<p>Yes No</p>	<p>13. Is the project site located outside of a 100-year flood hazard zone? <i>[NOTE: If the charging equipment is located within a 100-year flood hazard zone, the EVCS equipment shall be elevated above the base flood elevation. The base flood elevation must be determined and an elevation certificate submitted by a registered civil engineer or licensed land surveyor. (Etna Municipal Code Sec. 19.05.010)]</i></p>

PLANS	2016 CALIFORNIA ELECTRICAL CODE - MINIMUM PLAN REQUIREMENTS
Yes No Sheet # _____	14. Do the plans indicate that the installation shall meet all requirements of the 2016 California Electrical Code - Article 625 for Electric Vehicle Charging Systems?
Yes No Sheet # _____	15. Do the plans identify the amperage and location of the existing (or new) electrical service panel, and is the service panel sized in accordance with the electrical service load calculations? (CEC 220)
Yes No Sheet # _____	16. Do the plans indicate the size of the service entrance conductors?
Yes No Sheet # _____	17. Do the plans indicate that the charging equipment shall have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)
Yes No Sheet # _____	18. Does the single-line electrical diagram show and specify the required overcurrent protection for the proposed EVCS?
Yes No Sheet # _____	19. Are conduit and conductor size and type specified, and are the routes and requirements for their installation (e.g., within framing, mounted to structures, underground, etc.) shown?
Yes No Sheet # _____	20. Do the plans specify that the electric vehicle charging system shall be installed in accordance with manufacturer's installation instructions and shall be suitable for the environment (indoor/outdoor) in which they will be installed?
Yes No Sheet # _____	21. Do the plans specify where the labeling of the EVCS equipment (i.e., "FOR USE WITH ELECTRIC VEHICLES", "VENTILATION NOT REQUIRED", "VENTILATION REQUIRED", etc.) is required? (CEC 625.15)
Yes No N/A	22. If a dedicated electrical meter is to be installed for the electric vehicle charging system, is an approval letter from Pacific Power being provided to the Building Department? [NOTE: If a single mast will continue to be used to serve two meters, ensure that the service entrance conductors are sized for the sum of the two meters, in accordance with CEC Article 310.]
Yes No N/A Sheet # _____	23. If the EV charging equipment is rated more than 60 amps or more than 150V to ground, do the plans specify that the disconnecting means shall be lockable open and shall be provided in a readily accessible location? (CEC 625.42)
Yes No Sheet # _____	24. Do the plans specify that the EVCS equipment disconnecting means shall be identified with a durable label stating, "Emergency Power Off – Electric Vehicle Charging Station"? (CEC 110.21)
Yes No Sheet # _____	25. Do the plans specify that the main service conductors and the equipment for the protection of electrical service (e.g., disconnecting means, overcurrent protection, etc.) will be installed in accordance with CEC Article 230?

Yes No N/A Sheet # _____	26. If trenching is required, is a trenching detail provided on the plans showing compliance with the minimum cover requirements pursuant to CEC 300.5? [NOTE: trenching for electrical feeders from structure to structure must comply with CEC 225.]
Yes No N/A Sheet # _____	27. Is physical protection, such as a bollard, shown and detailed on the plans when vehicle impact protection for EVCS equipment is required? (CEC 110.27 (B) [NOTE: Typically not required for Level 1 EVCS. Physical protection from damage is often a 4" diameter steel pipe filled with concrete, a minimum of 40" above the finished floor/grade, installed in a footing measuring 12" in diameter and 3' deep.])
Yes No Sheet # _____	28. Do the plans show and specify the mounting height for the charging coupling (the connector nozzle) and the operable controls? [NOTE: If installed indoors, the electric vehicle charging coupling shall be located between 18" and 48" above the finished floor. If installed outdoors, the electric vehicle charging coupling shall be located between 24" and 48" above the finished grade. (CEC 625.50 and CBC 11B-309)]
Yes No N/A Sheet # _____	29. If the EVCS is installed within in a building containing an R (residential) occupancy, do the plans show and specify the location for all required smoke and carbon monoxide alarms within the dwelling(s)? (CBC 907.2.11, CBC 915, CRC R314 and CRC R315) [NOTE: In lieu of showing and specifying the location for all required smoke and carbon monoxide alarms within the dwelling(s), a Smoke & Carbon Monoxide Alarm Self Verification form, available on the Building Division's "Applications and Permits" webpage, may be completed, signed, and submitted with the application.]
PLANS	2016 CALGREEN REQUIREMENTS
Yes No N/A	30. Does the number of proposed electric vehicle charging spaces conform to the Tier 1 requirements of California Green Building Code (CGBC)? (CGBC A4.106.8.2 and A5.106.5.3) [Only applies to newly constructed multifamily residential and newly constructed nonresidential projects.]

¹ CEC means the 2016 California Electrical Code

² Load Calculation: The size of the existing service MUST be equal to or larger than the minimum required size of main service breaker as determined by the load calculations required by CEC article 220. If the existing service panel is smaller than the minimum required size of existing electrical services, then a new upgraded electrical service panel must be installed in order to handle the added electrical load from the proposed EVCS.

³ N/A means Not Applicable to the project.