



DSA CODE AMENDMENT DEVELOPMENT

Tracking	
Date Received:	-
DSA Tracking Number:	11/23/2020
Date Reviewed:	12/09/2020
Status:	Under consideration

Applicable Code
Applicable Code Section(s): CALGreen Chapter 5 Section 5.106.5.3
Topic: Electric Vehicle Charging

Current Code Language

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the *California Electrical Code* and as follows:

5.106.5.3.1 Single charging space requirements [N]

When only a single ... the following:

- ...
- ...
- ...
- ...
- ...

5.106.5.3.2 Multiple charging space requirements. [N]

When multiple charging spaces ... the following:

- ...
- ...
- ...
- ...
- ...

...

TABLE 5.106.5.3.3

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CHARGING SPACES
0-9	0
10-25	2
26-50	4
51-75	7

76-100	9
101-150	13
151-200	18
201 and over	10 percent of total ¹

- Calculation for spaces shall be rounded up to the nearest whole number.

...

5.106.5.3.5 [N] Future charging spaces.

Future charging spaces qualify as ... clean air vehicles.

Note: Future electric vehicle charging spaces shall be considered parking spaces and shall count for the total parking spaces required by the local enforcing agencies.

Suggested Text of Proposed Amendment

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When at least one charging space is required per Table 5.106.5.3.3, one space equipped with EVSE shall be installed in addition to the required number of EV charging spaces. When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the *California Electrical Code* and as follows:

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Code Text if Adopted

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When at least one charging space is required per Table 5.106.5.3.3, one space equipped with EVSE shall be installed in addition to the required number of EV charging spaces. When EVSE(s) is/are installed, it shall be in accordance with the *California Building Code*, the *California Electrical Code* and as follows:

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Rationale

The California Building Standards Commission proposes, and the Division of the State Architect proposes to co-adopt a mandatory requirement that at least one of the charging spaces required by 5.106.5.3 shall provide a level 2 charger in new nonresidential buildings. This change will help improve air quality and reduce an estimated 326,000 to 341,000 metric tons of carbon dioxide equivalent (CO_{2e}) annually between 2023 and the end of 2030.

This incremental change in the mandatory provisions for K-12 public schools and community colleges will support functional EV charging in addition to EV infrastructure to support electric vehicle market penetration.

DSA Comments

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