CALIFORNIA BUILDING STANDARDS COMMISSION

**September 22, 2022
CALGREEN EV WORKSHOP
Agenda Items 2c**

**DRAFT EXPRESS TERMS
CALIFORNIA GREEN BUILDING STANDARDS CODE,
(CALGreen), PART 11,
CALIFORNIA BUILDING STANDARDS CODE,
TITLE 24, CALIFORNIA CODE OF REGULATIONS**

If using assistive technology, please adjust your settings to recognize underline, strikeout and ellipsis.

LEGEND for EXPRESS TERMS
- Existing amendments appear upright
- Amendments appear underlined
- Repealed California language appears upright and in strikeout

[Existing code language shown for context. No changes proposed]

SECTION 5.106, SITE DEVELOPMENT

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5.106.5.3 Electric vehicle (EV) charging. [N] Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging.

AGENDA ITEM 2c

Rationale: BSC-CG and DSA are proposing to add a new electric vehicle code section for certain additions and alterations to nonresidential occupancies under BSC-CG and DSA authority.

[Proposed amendments for Electric Vehicle regulations for additions and alterations shown underlined below. Open for discussion]

5.106.5.4 Additions or Alterations to existing buildings or parking facilities [A]. [BSC-CG] Existing buildings or parking facilities being modified by one of the following, shall comply with Section 5.106.5.4.1 or 5.106.5.4.2. When EVSE is installed, accessible EVCS shall be provided in accordance with the California Building Code, Chapter 11B, Section 11B-228.3.

1. When the scope of construction work includes an increase in power supply to an electric service panel as part of a parking facility addition or alteration.

2. When a new photovoltaic system is installed covering existing parking spaces.

3. When additions or alterations to existing buildings are triggered pursuant to code Section 301.3 and the scope of work includes an increase in power supply to an electric service panel.

Exceptions:

1. On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:

   a. Where there is no local utility power supply.

   b. Where the local utility is unable to supply adequate power.

   c. Where there is evidence suitable to the local enforcement agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

   d. Where demonstrated as impracticable excluding local utility service or utility infrastructure issues.

2. Remote parking facilities that do not have access to the building service panel.

3. Parking area lighting upgrades where no trenching is part of the scope of work.

4. Emergency repairs including but not limited to, water line break in parking facilities, natural disaster repairs, etc.

5.106.5.4.1 Existing buildings or parking areas without EV capable infrastructure [A]. When EV capable infrastructure does not exist at an existing parking facility or building, and the parking facility or building undergoes an addition or alteration listed in Section 5.106.5.4, construction shall include electric vehicle charging in compliance with Section 5.106.5.3 and Table 5.106.5.3.1 for the total number of actual parking spaces being added or altered.

5.106.5.4.2 Existing buildings or parking areas with EV capable infrastructure [A]. When EV capable infrastructure is available at an existing parking facility or building, and the parking facility or building is undergoing an addition or alteration listed in Section 5.106.5.4, construction shall include electric vehicle charging in compliance with Section 5.106.5.3 and Table 5.106.5.3.1 utilizing the existing EV capable allocated power and infrastructure for the total number of actual parking spaces being added or altered. If the area being altered or added exceeds the existing EV capable capacity, allocated power and infrastructure, provide additional EV charging as needed to comply with Table 5.106.5.3.1.