

CALIFORNIA BUILDING STANDARDS COMMISSION

August 20, 2019
GREEN BUILDING
WORKSHOP
Agenda Item 1

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

- **Proposed code language for the 2019 Intervening Code Adoption Cycle**

LEGEND FOR EXPRESS TERMS

1. New California amendments: All such language appears underlined.
2. Repealed text: All such language appears in ~~strikeout~~.

5.106.5.2, A5.106.5.1 and A5.106.5.2 Designated parking for clean air vehicles. (Mandatory and Voluntary Measures)

- **Statement of specific purpose, problem, rationale and benefits:**

CBSC is proposing to increase the percentage of designated parking stalls for clean air vehicles (CAV) for inclusion in the 2019 CALGreen Code, Sections 5.106.5.2, A5.106.5.1.1 and A5.106.5.1.2 for nonresidential mandatory and voluntary measures. CBSC is proposing changes to Table 5.106.5.2 mandatory measures, Table A5.106.5.1.1 Tier 1 and Table A5.106.5.1.2 Tier 2 to avoid conflict with proposed percentage increases to electrical vehicle (EV) charging spaces in Tables 5.106.5.3.3, A5.106.5.3.1 and A5.106.5.3.2. Additionally, CBSC proposes to amend Section A5.106.5.1 to clarify that this code section also applies to additions and alterations which will align with similar existing language in Section 5.106.5.2.

Lastly, CBSC is proposing an amendment to each CAV table by adding a note to clarify that "Calculation for spaces shall be rounded up to the nearest whole number" to match existing footnote on Table 5.106.3.3. Increasing the percentage requirement in the following CAV tables will avoid conflicts with proposed increases for the number of EV charging spaces in tables for mandatory and voluntary measures that may have identical figures or percentages. BSC proposes amendments to the following CAV tables:

- Table 5.105.5.2, increasing percentage requirement from 8 percent to 10 percent
- Table A5.106.5.1.1 Tier 1, from 10 percent to 12 percent
- Table A5.106.5.1.2 Tier 2, from 12 percent to 14 percent

CBSC's proposal to amend section A5.106.5.1 will provide consistency between the existing mandatory code sections. Additionally, the proposal to add a note to round up to the nearest whole number for CAV markings will provide consistency with the existing EVSE tables.

By proposing amendments to these sections, CBSC will prevent conflicts with proposed code language in other code sections within CALGreen, and provide uniformity and consistency between the mandatory and voluntary measures for designated CAV and EV parking requirements.

Section 5.106 Site Development

5.106.5.2 Designated parking for clean air vehicles. . .

Table 5.106.5.2

Total number of parking spaces	Number of required spaces
0-9	0
10-25	1 <u>2</u>
26-50	3 <u>4</u>
51-75	6 <u>7</u>
76-100	8 <u>10</u>
101-150	11 <u>14</u>
151-200	16 <u>19</u>
201 and over	At least 8 <u>10 percent</u> ¹ of total

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

A5.106.5.1. Designated parking for clean air vehicles. In new projects or additions or alterations that add 10 or more vehicular parking spaces, ~~P~~ provide designated parking spaces for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles shown in Table A5.106.5.1.1 and or A5.106.5.1.2

A5.106.5.1.1 Tier 1 ~~Ten percent of total spaces.~~ ~~[BSC-CG]~~ Provide ~~10~~ twelve percent designated parking spaces, 201 and over, for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

Table A5.106.5.1.1

Total number of parking spaces	Number of required spaces
0-9	0 <u>1</u>
10-25	2 <u>3</u>
26-50	4 <u>6</u>
51-75	6 <u>9</u>
76-100	9 <u>12</u>
101-150	11 <u>18</u>
151-200	18 <u>21</u>
201 and over	At least 10 <u>12 percent</u> ¹ of total

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

A5.106.5.1.2 Tier 2. Provide ~~12~~ fourteen percent of total designated parking spaces, 201 and over, for any combination of low-emitting, fuel-efficient, and carpool/van pool vehicles as follows:

Table A5.106.5.2

Total number of parking spaces	Number of required spaces
0-9	1 <u>2</u>
10-25	3 <u>4</u>
26-50	5 <u>7</u>
51-75	7 <u>10</u>
76-100	9 <u>14</u>
101-150	13 <u>19</u>
151-200	19 <u>24</u>
201 and over	At least 12 <u>14 percent</u> ¹ of total

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