

HOUSE COMMITTEE OF REFERENCE REPORT

Chair of Committee

Date

April 14, 2022

Committee on Energy & Environment.

After consideration on the merits, the Committee recommends the following:

HB22-1218 be amended as follows, and as so amended, be referred to the Committee of the Whole with favorable recommendation:

1 Amend printed bill, page 10, strike lines 20 through 27.

2 Strike pages 11 and 12.

3 Page 13, strike lines 1 and 2 and strike lines 6 through 27.

4 Page 14, strike lines 1 through 17 and substitute:

5 **"38-47-104. Electric vehicle charging facilities - multifamily**
6 **and large commercial buildings - requirements - definitions.** (1) THIS
7 SECTION APPLIES TO THE CONSTRUCTION OF A NEW HIGH-OCCUPANCY
8 BUILDING PROJECT OR TO THE RENOVATION OF FIFTY PERCENT OR MORE OF
9 AN EXISTING HIGH-OCCUPANCY BUILDING PROJECT AND TO:

10 (a) A CONTRACT EXECUTED ON OR AFTER JULY 1, 2023, TO
11 CONSTRUCT A HIGH-OCCUPANCY BUILDING PROJECT;

12 (b) THE PLANNING OF OR DRAFTING FOR A HIGH-OCCUPANCY
13 BUILDING PROJECT ON OR AFTER THE EFFECTIVE DATE OF THIS SECTION;

14 AND

15 (c) THE LAYING OUT OF OR CONSTRUCTION OF A HIGH-OCCUPANCY
16 BUILDING PROJECT ON OR AFTER THE EFFECTIVE DATE OF THIS SECTION.

17 (2) A PERSON THAT IS PLANNING, DESIGNING, OR CONSTRUCTING:

18 (a) A LARGE COMMERCIAL BUILDING PROJECT SHALL PLAN,
19 DESIGN, AND CONSTRUCT THE LARGE COMMERCIAL BUILDING PROJECT TO
20 HAVE:

21 (I) TEN PERCENT OF THE PARKING SPACES USED BY THE
22 OCCUPANTS OF THE BUILDING BE EV CAPABLE;

23 (II) TEN PERCENT OF THE PARKING SPACES USED BY THE
24 OCCUPANTS OF THE BUILDING BE EV READY; AND

1 (III) FIVE PERCENT OF THE PARKING SPACES USED BY THE
2 OCCUPANTS OF THE BUILDING TO HAVE EV SUPPLY EQUIPMENT INSTALLED
3 ADJACENT TO A PARKING SPACE; AND
4 (b) A MULTIFAMILY BUILDING SHALL PLAN, DESIGN, AND
5 CONSTRUCT THE MULTIFAMILY BUILDING TO HAVE:
6 (I) IN FIFTY PERCENT OF THE UNITS, A PARKING SPACE USED BY THE
7 OCCUPANTS OF THE BUILDING THAT IS EV CAPABLE;
8 (II) IN TWENTY PERCENT OF THE UNITS, A PARKING SPACE USED BY
9 THE OCCUPANTS OF THE BUILDING THAT IS EV READY; AND
10 (III) IN FIVE PERCENT OF THE UNITS, A PARKING SPACE USED BY
11 THE OCCUPANTS OF THE BUILDING THAT HAS EV SUPPLY EQUIPMENT
12 INSTALLED ADJACENT TO A PARKING SPACE.
13 (3) (a) TO COMPLY WITH THIS SECTION, A PERSON MAY:
14 (I) PARTNER WITH A THIRD-PARTY COMPANY TO INSTALL AND
15 MAINTAIN EV READY PARKING SPACES AND EV SUPPLY EQUIPMENT; OR
16 (II) INCLUDE THE COST OF COMPLYING WITH THIS SECTION IN THE
17 PRICE TO PLAN, DRAFT, OR CONSTRUCT THE HIGH-OCCUPANCY BUILDING
18 PROJECT.
19 (b) A HIGH-OCCUPANCY BUILDING PROJECT OWNER MAY CHARGE
20 THE COST OF COMPLYING WITH THIS SECTION DIRECTLY TO INDIVIDUAL
21 TENANTS THAT USE THE EV READY PARKING SPACES AND EV SUPPLY
22 EQUIPMENT.
23 (c) IN A LARGE COMMERCIAL BUILDING PROJECT THAT IS GROUP A,
24 B, E, I, M, OR S-2 OCCUPANCY, THE NUMBER OF EV SUPPLY EQUIPMENT
25 PARKING SPACES REQUIRED IN SUBSECTION (2)(a) OF THIS SECTION MAY BE
26 REDUCED BY UP TO FIVE IF THE LARGE COMMERCIAL BUILDING PROJECT
27 INSTALLS:
28 (I) A SPACE EQUIPPED WITH LEVEL 3 CHARGING EV SUPPLY
29 EQUIPMENT; AND
30 (II) NOT LESS THAN ONE PARKING SPACE THAT IS EV READY.
31 (4) THIS SECTION DOES NOT PREEMPT A POLITICAL SUBDIVISION OF
32 COLORADO FROM REQUIRING MORE ELECTRIC VEHICLE INFRASTRUCTURE
33 THAN REQUIRED IN THIS SECTION.
34 (5) AS USED IN THIS SECTION:
35 (a) (I) "EV CAPABLE" MEANS A PARKING SPACE THAT:
36 (A) HAS THE ELECTRICAL PANEL CAPACITY AND CONDUIT
37 INSTALLED TO SUPPORT FUTURE IMPLEMENTATION OF ELECTRICAL
38 VEHICLE CHARGING WITH A MINIMUM OF TWO HUNDRED EIGHT VOLTS AND
39 A MINIMUM OF FORTY-AMPERE RATED CIRCUITS; AND
40 (B) IS ADJACENT TO THE TERMINAL POINT OF THE CONDUIT FROM
41 THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION (5)(a)(I)(A) OF
42 THIS SECTION.
43 (II) "EV CAPABLE" INCLUDES TWO ADJACENT PARKING SPACES IF

1 THE CONDUIT FOR THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION
2 (5)(a)(I)(A) OF THIS SECTION TERMINATES ADJACENT TO AND BETWEEN
3 BOTH PARKING SPACES.

4 (b) (I) "EV READY" MEANS A PARKING SPACE THAT:
5 (A) HAS THE ELECTRICAL PANEL CAPACITY, RACEWAY WIRING,
6 RECEPTACLE, AND CIRCUIT OVERPROTECTION DEVICES INSTALLED TO
7 SUPPORT FUTURE IMPLEMENTATION OF ELECTRICAL VEHICLE CHARGING
8 WITH A MINIMUM OF TWO HUNDRED EIGHT VOLTS AND A MINIMUM OF
9 FORTY-AMPERE RATED CIRCUITS; AND
10 (B) IS ADJACENT TO THE RECEPTACLE FOR THE ELECTRICAL
11 FACILITIES DESCRIBED IN SUBSECTION (5)(b)(I)(A) OF THIS SECTION.
12 (II) "EV READY" INCLUDES TWO ADJACENT PARKING SPACES IF THE
13 RECEPTACLE FOR THE ELECTRICAL FACILITIES DESCRIBED IN SUBSECTION
14 (5)(b)(I)(A) OF THIS SECTION IS INSTALLED ADJACENT TO AND BETWEEN
15 BOTH PARKING SPACES.

16 (c) "EV SUPPLY EQUIPMENT" MEANS:
17 (I) AN ELECTRIC VEHICLE CHARGING SYSTEM AS DEFINED IN
18 SECTION 38-12-601 (6)(a) THAT HAS POWER CAPACITY OF AT LEAST 6.2
19 KILOWATTS AND HAS THE ABILITY TO CONNECT TO THE INTERNET; OR
20 (II) AN INDUCTIVE RESIDENTIAL CHARGING SYSTEM FOR
21 BATTERY-POWERED ELECTRIC VEHICLES THAT:
22 (A) IS CERTIFIED BY UNDERWRITERS LABORATORIES OR AN
23 EQUIVALENT CERTIFICATION;
24 (B) COMPLIES WITH THE CURRENT VERSION OF ARTICLE 625 OF THE
25 NATIONAL ELECTRICAL CODE, PUBLISHED BY THE NATIONAL FIRE
26 PROTECTION ASSOCIATION, AND OTHER APPLICABLE INDUSTRY
27 STANDARDS;
28 (C) IS ENERGY STAR CERTIFIED; AND
29 (D) HAS THE ABILITY TO CONNECT TO THE INTERNET.

30 (d) "GROUP A, B, E, I, M, OR S-2 OCCUPANCY" MEANS:
31 (I) "GROUP A OCCUPANCY", AS DESCRIBED IN THE 2021
32 INTERNATIONAL BUILDING CODE;
33 (II) "GROUP B OCCUPANCY", AS DESCRIBED IN THE 2021
34 INTERNATIONAL BUILDING CODE;
35 (III) "GROUP E OCCUPANCY", AS DESCRIBED IN THE
36 2021 INTERNATIONAL BUILDING CODE;
37 (IV) "GROUP I OCCUPANCY", AS DESCRIBED IN THE 2021
38 INTERNATIONAL BUILDING CODE;
39 (V) "GROUP M OCCUPANCY", AS DESCRIBED IN THE 2021
40 INTERNATIONAL BUILDING CODE; OR
41 (VI) "GROUP S-2 OCCUPANCY", AS DESCRIBED IN THE 2021
42 INTERNATIONAL BUILDING CODE.

43 (e) "HIGH-OCCUPANCY BUILDING PROJECT" MEANS:

- 1 (I) A MULTIFAMILY BUILDING; OR
- 2 (II) A LARGE COMMERCIAL BUILDING PROJECT.
- 3 (f) "LARGE COMMERCIAL BUILDING PROJECT" MEANS:
- 4 (I) A BUILDING WITH TWENTY-FIVE THOUSAND SQUARE FEET OR
- 5 MORE OF FLOOR SPACE THAT IS USED OR INTENDED TO BE USED FOR
- 6 COMMERCIAL PURPOSES; OR
- 7 (II) A PROJECT TO BUILD FORTY THOUSAND SQUARE FEET OR MORE
- 8 OF FLOOR SPACE IN MORE THAN ONE BUILDING WITH A TOTAL OF
- 9 TWENTY-FIVE OR MORE SETS OF LIVING QUARTERS OR COMMERCIAL UNITS
- 10 IN ALL THE BUILDINGS.
- 11 (g) "LEVEL 3 CHARGING" MEANS EV SUPPLY EQUIPMENT THAT:
- 12 (I) USES A MINIMUM OF ONE HUNDRED AMPERES;
- 13 (II) USES A FOUR HUNDRED EIGHTY VOLT AND THREE-PHASE VOLT
- 14 CIRCUIT; AND
- 15 (III) CONVERTS THE ALTERNATING CIRCUIT VOLTAGE INTO DIRECT
- 16 CURRENT VOLTAGE THAT DIRECTLY CHARGES AN ELECTRIC VEHICLE.
- 17 (h) "MULTIFAMILY BUILDING" MEANS A RESIDENTIAL BUILDING
- 18 WITH AT LEAST THREE FAMILY UNITS AND AT LEAST TEN PARKING SPACES.
- 19 **SECTION 3.** In Colorado Revised Statutes, 12-115-120, **add** (11)
- 20 as follows:
- 21 **12-115-120. Inspection - permit - rules - exemption.** (11) THE
- 22 BOARD SHALL PROMULGATE RULES:
- 23 (a) REQUIRING COMPLIANCE WITH SECTION 38-47-104 TO BE
- 24 ISSUED AN INSPECTION PERMIT UNDER THIS SECTION; AND
- 25 (b) SETTING STANDARDS FOR WAIVING THE REQUIREMENT TO
- 26 COMPLY WITH SECTION 38-47-104 TO BE ISSUED AN INSPECTION PERMIT
- 27 UNDER THIS SECTION."

28 Renumber succeeding sections accordingly.

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