
SENATE BILL 6684

State of Washington

66th Legislature

2020 Regular Session

By Senators Das, Saldaña, Nguyen, Hobbs, and Lovelett

1 AN ACT Relating to electric vehicle readiness; and adding a new
2 section to chapter 19.27 RCW.

3 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

4 NEW SECTION. **Sec. 1.** A new section is added to chapter 19.27
5 RCW to read as follows:

6 The building code council must adopt rules requiring the
7 installation of an electric vehicle charging infrastructure for the
8 construction of a new building serving group B, group R-1 hotel and
9 motel only, group R-2, and group R-3 one or two family home
10 occupancies as required by this section.

11 (1) As used in this section, "electric vehicle ready" means a new
12 parking space that is designed and constructed to include a fully
13 wired circuit with a 208/240-volt, 40-amp electric vehicle charging
14 receptacle outlet or termination point, including conduit, wiring,
15 and the electric service capacity necessary to serve the receptacle
16 to allow for the future installation of electric vehicle supply
17 equipment.

18 (2) The required number of electric vehicle ready parking spaces
19 will be determined by whether the parking is for residential or
20 nonresidential use. Parking clearly set aside and reserved for
21 residential use must meet the requirements of subsection (3) of this

1 section. Parking for all other uses must meet the requirements of
2 subsection (4) of this section.

3 (3) Residential uses.

4 (a) Private parking for individual residential units. When
5 parking for any individual dwelling unit is provided in a private
6 garage, carport, or parking area, separate from any parking
7 facilities serving other units, at least one parking space in that
8 garage, carport, or parking area must be electric vehicle ready.

9 (b) Surface parking for multiple residences. When parking for
10 multifamily residential uses is provided in a surface parking area
11 serving multiple residences, the number of parking spaces that must
12 be electric vehicle ready is calculated as follows:

13 (i) When between one and six parking spaces are provided, each of
14 those parking spaces must be electric vehicle ready;

15 (ii) When between seven and twenty-five parking spaces are
16 provided, a minimum of six of those parking spaces must be electric
17 vehicle ready; and

18 (iii) When more than twenty-five parking spaces are provided, a
19 minimum of twenty percent of those parking spaces must be electric
20 vehicle ready.

21 (c) Parking garages for multiple residences. When parking for
22 multifamily residential uses is provided in a parking garage serving
23 multiple residences, a minimum of twenty percent of those parking
24 spaces must be electric vehicle ready.

25 (d) Other residential uses. When parking is provided for all
26 other residential uses, a minimum of twenty percent of those spaces
27 must be electric vehicle ready.

28 (4) Nonresidential uses. When new parking is provided for
29 nonresidential uses, a minimum of ten percent of those spaces must be
30 electric vehicle ready.

31 (5) Rounding. When calculating the number of required electric
32 vehicle ready parking spaces, any fraction of a portion of an
33 electric vehicle ready parking space must be rounded up to the
34 nearest whole number.

35 (6) Exceptions or reductions. The building code council must
36 allow for limited reductions in the number of required electric
37 vehicle ready spaces or provide exemptions where there is substantial
38 evidence showing the added electrical load attributed to meeting the
39 requirements of this section would:

1 (a) Alter the local utility infrastructure design requirements on
2 the utility side of the legal point of service requiring on-property
3 power transformation; or

4 (b) Require an upgrade to an existing residential electrical
5 service.

6 (7) Accessible parking. Where new electric vehicle ready parking
7 spaces and new accessible parking spaces are both provided, parking
8 facilities must be designed so that at least one accessible parking
9 space is electric vehicle ready.

10 (8) Nothing in this section may be construed to require the
11 installation of electric vehicle supply equipment.

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