
A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLE PARKING.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The purpose of this Act is to clarify
2 requirements pertaining to parking spaces for electric vehicles.

3 SECTION 2. Section 291-71, Hawaii Revised Statutes, is
4 amended to read as follows:

5 "~~{}~~§291-71~~{}~~ **Designation of parking spaces for electric**
6 **vehicles; charging ~~[units-]~~ system.** ~~[All public, private, and~~
7 ~~government parking facilities that are available for use by the~~
8 ~~general public and have]~~ (a) Places of public accommodation
9 with at least one hundred parking spaces available for use by
10 the general public shall ~~[designate]~~ have at least one [per cent
11 of] parking [spaces] space exclusively for electric vehicles [by
12 ~~December 31, 2011, provided that at least one of the parking~~
13 ~~spaces designated for electric vehicles is located near the~~
14 ~~building entrance and is]~~ and equipped with an electric vehicle
15 charging ~~[unit-]~~ system located anywhere in the parking
16 structure or lot by July 1, 2012. Spaces shall be designated,
17 clearly marked, and the exclusive designation enforced. ~~[The~~
18 ~~electric vehicle charging units shall meet recognized standards,~~



1 ~~including SAE J1772 of the Society of Automotive Engineers.]~~
2 Owners of multiple parking [~~lots~~] facilities within the State
3 may designate and electrify fewer parking spaces than required
4 in one or more of their owned properties [~~as long as~~]; provided
5 that the scheduled requirement is met for the total number of
6 aggregate spaces on all of their owned properties.

7 ~~[When the number of registered electric vehicles in the~~
8 ~~State reaches five thousand, the spaces designated for electric~~
9 ~~vehicles shall increase to two per cent of parking spaces. The~~
10 ~~number of spaces designated for electric vehicles shall continue~~
11 ~~to increase by one per cent for each additional five thousand~~
12 ~~electric vehicles registered in the State until the percentage~~
13 ~~reaches ten per cent of parking spaces.]~~

14 (b) For the purposes of this section[, ~~"electric vehicle"~~
15 ~~means an electric vehicle or neighborhood electric vehicle with~~
16 ~~an electric vehicle license plate.];~~

17 "Electric vehicle" means:

18 (1) A neighborhood electric vehicle; or

19 (2) A vehicle, with four or more wheels, that draws
20 propulsion energy from a battery with at least five
21 kilowatt hours of energy storage capacity that can be
22 recharged from an external source of electricity.



1 "Electric vehicle charging system" means a system that:

2 (1) Is capable of providing electricity from a non-vehicle
3 source to charge the batteries of one or more electric
4 vehicles;

5 (2) Meets recognized standards, including standard SAE
6 J1772 of SAE International; and

7 (3) Is designed and installed in compliance with article
8 625 of the National Electrical Code.

9 "Place of public accommodation" has the same meaning as
10 that provided in section 489-2."

11 SECTION 3. Section 291-72, Hawaii Revised Statutes, is
12 amended by amending subsection (a) to read as follows:

13 "(a) Beginning January 1, [~~2012,~~] 2013, any person who
14 parks a non-electric vehicle in a space designated and marked as
15 reserved for electric vehicles shall receive a warning."

16 SECTION 4. Statutory material to be repealed is bracketed
17 and stricken. New statutory material is underscored.

18 SECTION 5. This Act shall take effect upon its approval.



Report Title:

Electric Vehicles

Description:

Clarifies the electric vehicle parking requirement. Allows an electric vehicle parking space with a charging system to be located anywhere in the parking lot or structure. (HB2485 HD2)

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