
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.** ~~[All public, private, and government~~
7 ~~parking facilities that are available for use by the general~~
8 ~~public and have at least one hundred parking spaces shall~~
9 ~~designate one per cent of parking spaces exclusively for~~
10 ~~electric vehicles by December 31, 2011, provided that at least~~
11 ~~one of the parking spaces designated for electric vehicles is~~
12 ~~located near the building entrance and is equipped with an~~
13 ~~electric vehicle charging unit.]~~ (a) Owners or managers of
14 places of public accommodation with at least one hundred parking
15 spaces available for use by the general public shall designate
16 at least one per cent of parking spaces or up to five parking
17 spaces, whichever is lesser, exclusively for electric vehicles
18 by July 1, 2012; provided that at least one space shall be



1 equipped with an electric vehicle charging system; provided
2 further that no parking space designated for electric vehicles
3 shall displace or reduce accessible stalls required by the
4 Americans with Disabilities Act Accessibility Guidelines.
5 Spaces shall be designated, clearly marked, and the exclusive
6 designation enforced. [~~The electric vehicle charging units~~
7 ~~shall meet recognized standards, including SAE J1772 of the~~
8 ~~Society of Automotive Engineers. Owners of multiple parking~~
9 ~~lots facilities within the State may designate and electrify~~
10 ~~fewer parking spaces than required in one or more of their owned~~
11 ~~properties as long as the scheduled requirement is met for the~~
12 ~~total number of aggregate spaces on all of their owned~~
13 ~~properties.~~

14 ~~When the number of registered electric vehicles in the~~
15 ~~State reaches five thousand, the spaces designated for electric~~
16 ~~vehicles shall increase to two per cent of parking spaces. The~~
17 ~~number of spaces designated for electric vehicles shall continue~~
18 ~~to increase by one per cent for each additional five thousand~~
19 ~~electric vehicles registered in the State until the percentage~~
20 ~~reaches ten per cent of parking spaces.]~~



1 (b) For the purposes of this section[, ~~"electric vehicle"~~
2 ~~means an electric vehicle or neighborhood electric vehicle with~~
3 ~~an electric vehicle license plate.]:~~

4 "Electric vehicle" means:

5 (1) A neighborhood electric vehicle; or

6 (2) A vehicle, with four or more wheels, that draws
7 propulsion energy from a battery with at least 4.4
8 kilowatt hours of energy storage capacity that can be
9 recharged from an external source of electricity.

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

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

14 (2) Meets recognized standards, including standard SAE
15 J1772 of the Society of Automotive Engineers; and

16 (3) Is designed and installed in compliance with article
17 625 of the National Electrical Code.

18 (c) "Place of public accommodation" has the same meaning
19 as that provided in section 489-2."

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



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

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

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



Report Title:

Electric Vehicles

Description:

Requires that owners or managers of places of public accommodation with at least one hundred parking spaces available for use by the general public to designate at least one percent of parking spaces or up to five parking spaces, whichever is lesser, exclusively for electric vehicles by July 1, 2012. Requires that at least one parking space is equipped with an electric vehicle charging system. Prohibits any parking space designated for electric vehicles to displace or reduce accessible stalls called for by the Americans with Disabilities Act Accessibility Guidelines. Requires issuance of a warning for parking a non-electric vehicle in a stall for electric vehicles beginning 1/1/2013. (SD1)

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