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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 near the building entrance designated~~  
12 ~~exclusively for electric vehicles [~~by December 31, 2011,~~~~  
13 ~~provided that at least one of the parking spaces designated for~~  
14 ~~electric vehicles is located near the building entrance and is]~~  
15 ~~and equipped with an electric vehicle charging [~~unit-~~] system by~~  
16 ~~July 1, 2012.~~ Spaces shall be designated, clearly marked, and  
17 the exclusive designation enforced. [~~The electric vehicle~~  
18 ~~charging units shall meet recognized standards, including SAE~~

1 ~~J1772 of the Society of Automotive Engineers.]~~ Owners of  
2 multiple parking [~~lots~~] facilities within the State may  
3 designate and electrify fewer parking spaces than required in  
4 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.

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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 the Society of Automotive Engineers; and

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

9 (c) "Place of public accommodation" has the same meaning  
10 as 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.

19  
20 INTRODUCED BY: Colin K. Jay

21 BY REQUEST  
JAN 23 2012

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**Report Title:**

Electric Vehicles

**Description:**

Clarifies the electric vehicle parking requirement.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

JUSTIFICATION SHEET

DEPARTMENT: Business, Economic Development, and Tourism

TITLE: A BILL FOR AN ACT RELATING TO ELECTRIC VEHICLE PARKING.

PURPOSE: Simplify and clarify current requirements for electric vehicle parking in parking lots with over 100 public parking spaces.

MEANS: Amend sections 291-71 and 291-72(a), Hawaii Revised Statutes.

JUSTIFICATION: Frequent requests for interpretation of the statute have been received from facility owners, electric vehicle industry personnel, and members of the public. Clarification and simplification of the requirements will facilitate the designation of electric vehicle parking spaces and the installation of electric vehicle charging equipment. This supports Hawaii's clean energy, energy security, and fuel diversification goals.

Impact on the public: Positive. Availability of electric vehicle parking and charging facilities is a necessary first step in the adoption and use of electric vehicles and reduction of dependence on imported petroleum.

Impact on the department and other agencies: Positive. Parking designation requirements are reduced.

GENERAL FUND: None.

OTHER FUNDS: None.

PPBS PROGRAM DESIGNATION: BED 120.

OTHER AFFECTED  
AGENCIES:

Department of Transportation and City and  
County Department of Transportation Services.

EFFECTIVE DATE:

Upon approval.