

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU

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WAYNE Y. YOSHIOKA
DIRECTOR

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February 23, 2010

The Honorable Mike Gabbard, Chair
Committee on Energy and Environment
State Senate
State Capitol
Honolulu, Hawaii 96813

The Honorable J. Kalani English, Chair
Committee on Transportation, International
and Intergovernmental Affairs
State Senate
State Capitol
Honolulu, Hawaii 96813

Dear Chair Gabbard and Chair English and Members of the Committees:

Subject: Senate Bill No. 2927, Relating to Transportation Energy Initiatives

As requested at the joint hearing of the Senate Committee on Energy and Environment and the Senate Committee on Transportation, International and Intergovernmental Affairs, the Department of Transportation Services (DTS) has worked with the Hawaii State Energy Office (HSEO) in revising the above bill to address its concerns. The attached revised bill contains elements that are acceptable to both the DTS and HSEO. The following is a summary of the changes:

1. Replace "G-vehicles" with green vehicles to ensure consistency;
2. Provision to allow use of electric car parking stalls by Green vehicles only when the number of parking stalls in a lot is 1,000 or greater. It also reserves stalls equipped with electric vehicle charging stations for use by electric vehicles and gives the owner of the parking facility discretion on how many of the parking stalls to equip with electric vehicle charging stations; and
3. Revise the start-up date to a later date in order to give ample warning to affected facilities.

Thank you for giving us the opportunity to work with the HSEO to develop a revised bill that provides for the promotion of both electric and Green vehicles in our efforts to improve conditions in our island environment. We thank you for your interest and look forward to a favorable decision by your committees.

Very truly yours,

A handwritten signature in black ink, appearing to read "Wayne Y. Yoshioka", is written over a faint, larger version of the same signature.

Wayne Y. Yoshioka
Director

Attachment

cc: Hawaii State Energy Office

S.B. NO. 2927 SD1 (proposed)

A BILL FOR AN ACT

RELATING TO TRANSPORTATION ENERGY INITIATIVES.

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

1 SECTION 1. Green vehicles [~~, or G-vehicles,~~] include
2 electric vehicles and hybrid vehicles that achieve thirty-five
3 miles per gallon or higher city rating by the United States
4 Environmental Protection Agency. [~~G-vehicles~~] Green vehicles
5 are part of the 21st Century Ahupua'a Initiative Plan to
6 encourage energy conservation. The ecological and environmental
7 benefits of [~~G-vehicles~~] Green vehicles include:

8 (1) Conserving energy;

9 (2) Reducing the amount of fuel emissions in the
10 environment; and

11 (3) Decreasing [~~the city and county of Honolulu's~~] Hawaii's
12 dependence on fossil fuels.

13 The purpose of this Act is to encourage the residents of
14 Hawaii to drive motor vehicles designated as [~~G-vehicles~~] Green
15 vehicles.

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

S.B. NO. 2927 SD1

(proposed)

1 " ~~[§]§291-71[§]~~ **Designation of parking spaces for electric**
2 **and Green vehicles; charging units.** (a) All public, private,
3 and government parking facilities, including parking lots, that
4 ~~[are available for use by the general public and]~~ have ~~[at least~~
5 ~~one hundred]~~ more than ninety-nine and fewer than one thousand
6 parking spaces available for use by the general public shall
7 designate one per cent of parking spaces exclusively for
8 electric vehicles by December 31, ~~2011~~ 2012 ~~[, provided that at~~
9 ~~least one of the parking spaces designated for electric vehicles~~
10 ~~is located near the building entrance and is equipped with an~~
11 ~~electric vehicle charging unit.]~~.

12 (b) All public, private, and government parking
13 facilities, including parking lots, that have one thousand or
14 more parking spaces available for use by the general public
15 shall designate one per cent of parking spaces exclusively for
16 Green vehicles by December 31, 2012. None, some, or all of the
17 green vehicle spaces may be designated exclusively for electric
18 vehicles at the discretion of the parking lot owner.

19 (c) All public, private, and government parking
20 facilities, including parking lots, that have more than ninety-
21 nine parking spaces shall provide at least one electric vehicle

S.B. NO. 2927 SD1

(proposed)

1 parking space, equipped with an electric vehicle charging unit,
2 near the building entrance.

3 (d) Spaces shall be designated, clearly marked, and the
4 exclusive designation enforced.

5 (e) The electric vehicle charging units shall meet
6 recognized standards, including SAE J1772 of the Society of
7 Automotive Engineers.

8 (f) Owners of multiple parking lots within the State may
9 designate and electrify fewer parking spaces than required in
10 one or more of their owned properties as long as the scheduled
11 requirement under (a) and (b) above is met for the total number
12 of aggregate spaces on all of their owned properties.

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

21 (h) [~~For the purposes of~~] As used in this section[~~7~~] and
22 in section 291-72:

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(proposed)

1 [~~electric~~] "Electric vehicle" means an electric vehicle,
2 [~~or~~] including a neighborhood electric vehicle, with an electric
3 vehicle license plate.

4 "Green vehicle" includes the following:

5 (1) an electric vehicle; and

6 (2) a hybrid vehicle that:

7 (i) receives a thirty-five mile per gallon, or higher,
8 gasoline equivalent fuel economy rating for city
9 driving from the United States Environmental
10 Protection Agency; and

11 (ii) has been issued a green vehicle decal by the
12 county in which the vehicle is registered.

13 "Hybrid vehicle" means a motor vehicle that draws
14 propulsion energy from more than one on-board sources of stored
15 energy, including both an internal combustion or heat engine
16 using consumable fuel, and a rechargeable battery or fuel cell."

17 SECTION 3. Section 291-72, Hawaii Revised Statutes, is
18 amended to read as follows:

19 "~~[§]291-72[§]~~ **Parking spaces reserved for electric and**
20 **Green vehicles; penalties.** (a) Beginning January 1,
21 [~~2012~~]2013, any person who parks a non-electric or non-Green-
22 vehicle in a space designated and marked as reserved for

S.B. NO. 2927 SD1
(proposed)

1 electric or Green vehicles, respectively, shall receive a
2 warning.

3 (b) Beginning [~~July 1, 2013~~] January 1, 2014, any person
4 who parks a non-electric or non-Green-vehicle in a space
5 designated and marked as reserved for electric or Green
6 vehicles, respectively, shall be guilty of a traffic infraction
7 under chapter 291D [~~and~~], shall be fined not less than \$50 nor
8 more than \$100, and shall pay any costs incurred by the court
9 related to assessing the fine.

10 (c) Any citation issued under this section may be mailed
11 to the violator pursuant to section 291C-165(b)."

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

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

INTRODUCED BY: _____
BY REQUEST