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

- 7 (1) Conserving energy;
- 8 (2) Reducing the amount of fuel emissions in the
9 environment; and
- 10 (3) Decreasing the city and county of Honolulu's
11 dependence on fossil fuels.

12 The purpose of this Act is to encourage the residents of
13 Hawaii to drive motor vehicles designated as G-vehicles.

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

16 " [f] §291-71 [f] Designation of parking spaces for
17 [electric] green vehicles [f] (G-vehicles); charging units [-] for
18 electric vehicles. (a) All public, private, and government



1 parking facilities that are available for use by the general
2 public and have at least one hundred parking spaces shall
3 designate one per cent of parking spaces exclusively for
4 [~~electric vehicles~~] G-vehicles by December 31, 2011, provided
5 that at least one of the parking spaces designated for [~~electric~~
6 ~~vehicles~~] G-vehicles is located near the building entrance and
7 is equipped with an electric vehicle charging unit. Spaces
8 shall be designated, clearly marked, and the exclusive
9 designation enforced. The electric vehicle charging units shall
10 meet recognized standards, including SAE J1772 of the Society of
11 Automotive Engineers. Owners of multiple parking lots within
12 the State may designate and electrify fewer parking spaces than
13 required in one or more of their owned properties as long as the
14 scheduled requirement is met for the total number of aggregate
15 spaces on all of their owned properties.

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



1 ~~vehicles]~~ G-vehicles registered in the State until the
2 percentage reaches ten per cent of parking spaces.

3 (b) [~~For the purposes of]~~ As used in this section~~[7]~~ and
4 section 291-72: [~~"electric vehicle" means an electric vehicle or~~
5 ~~neighborhood electric vehicle with an electric vehicle license~~
6 ~~plate.]~~

7 "Green vehicle" or "G-vehicle" means a vehicle that is an
8 electric or hybrid vehicle and includes neighborhood or plug-in
9 electric drive vehicles.

10 "Hybrid vehicle" means a motor vehicle that:

11 (1) Draws propulsion energy from on-board sources of
12 stored energy, including both an internal combustion
13 or heat engine using consumable fuel and a
14 rechargeable energy storage system; and

15 (2) Receives a thirty-five mile per gallon, or higher,
16 city rating from the United States Environmental
17 Protection Agency.

18 "Medium-duty electric vehicle" or "heavy-duty electric
19 vehicle" means an electric, hybrid electric, or plug-in hybrid
20 electric vehicle with a gross vehicle weight of more than 8,501
21 pounds.



1 "Neighborhood electric vehicle" means a four-wheeled on-
2 road or non-road vehicle that:

3 (1) Has a top attainable speed in one mile of more than
4 twenty miles per hour and not more than twenty-five
5 miles per hour on a paved level surface; and

6 (2) Is propelled by an electric motor and an on-board,
7 rechargeable energy storage system that is
8 rechargeable using an off-board source of electricity.

9 "Plug-in electric drive vehicle" means a vehicle that:

10 (1) Draws motive power from a battery with a capacity of
11 at least four kilowatt-hours;

12 (2) Can be recharged from an external source of
13 electricity for motive power; and

14 (3) Is a light-, medium-, or heavy-duty motor vehicle or
15 non-road vehicle."

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

18 "[+]§291-72[+] Parking spaces reserved for [~~electric~~]
19 green vehicles [~~+~~] (G-vehicles); penalties. (a) Beginning
20 January 1, 2012, any person who parks a [~~non-electric vehicle~~]
21 non-G-vehicle in a space designated and marked as reserved for
22 [~~electric vehicles~~] G-vehicles shall receive a warning.



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

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

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

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

12

INTRODUCED BY:

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BY REQUEST

JAN 27 2010



Report Title:

Transportation; Green Vehicles

Description:

Changes "electric vehicle" reference to "G-vehicles or "green vehicles" in laws requiring facilities to designate parking spaces for green vehicles, and establishing penalties for misuse of green vehicle parking.

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