

JAN 28 2015

A BILL FOR AN ACT

RELATING TO FUEL CELL ELECTRIC VEHICLES.

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

1 SECTION 1. Act 168, Session Laws of Hawaii 2012, is
2 amended by amending subsection (d) of section 2 to read as
3 follows:

4 "(d) For the purposes of this Act:

5 "Electric vehicle" means:

6 (1) A neighborhood electric vehicle; [~~or~~]

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

11 or

12 (3) A fuel cell electric vehicle.

13 "Fuel cell electric vehicle" means a zero-emission electric
14 vehicle that uses a fuel cell to convert hydrogen gas and oxygen
15 into electricity to charge onboard batteries and power one or
16 more onboard electric motors to propel the vehicle."



1 SECTION 2. Section 103D-412, Hawaii Revised Statutes, is
2 amended by amending subsections (b) and (c) to read as follows:

3 "(b) Beginning January 1, 2010, all state and county
4 entities, when purchasing new vehicles, shall seek vehicles with
5 reduced dependence on petroleum-based fuels that meet the needs
6 of the agency. Priority for selecting vehicles shall be as
7 follows:

8 (1) Electric or plug-in hybrid electric vehicles [+], and
9 ~~[(2) Hydrogen- or]~~ fuel cell electric vehicles;

10 ~~[(3)]~~ (2) Other alternative fuel vehicles;

11 ~~[(4)]~~ (3) Hybrid electric vehicles; and

12 ~~[(5)]~~ (4) Vehicles that are identified by the United States
13 Environmental Protection Agency in its annual "Fuel
14 Economy Leaders" report as being among the top
15 performers for fuel economy in their class.

16 (c) For the purposes of this section:

17 "Agency" means a state agency, office, or department.

18 "Alternative fuel" means alcohol fuels, mixtures containing
19 eighty-five per cent or more by volume of alcohols with gasoline
20 or other fuels, natural gas, liquefied petroleum gas, hydrogen,
21 biodiesel, mixtures containing twenty per cent or more by volume



1 of biodiesel with diesel or other fuels, other fuels derived
2 from biological materials, and electricity provided by off-board
3 energy sources.

4 "Covered fleet" has the same meaning as contained in 10
5 Code of Federal Regulations Part 490 Subpart C.

6 "Excluded vehicles" has the same meaning as provided in 10
7 Code of Federal Regulations section 490.3.

8 "Fuel cell electric vehicle" means a zero-emission electric
9 vehicle that uses a fuel cell to convert hydrogen gas and oxygen
10 into electricity to charge onboard batteries and power one or
11 more onboard electric motors to propel the vehicle.

12 "Light-duty motor vehicle" has the same meaning as
13 contained in 10 Code of Federal Regulations Part 490, not
14 including any vehicle incapable of traveling on highways or any
15 vehicle with a gross vehicle weight rating greater than eight
16 thousand five hundred pounds."

17 SECTION 3. Section 291-71, Hawaii Revised Statutes, is
18 amended by amending subsection (b) to read as follows:

19 "(b) For the purposes of this section:

20 "Electric vehicle" means:



- 1 (1) A neighborhood electric vehicle as defined in section
2 286-2; [~~e~~]
- 3 (2) A vehicle, with four or more wheels, that draws
4 propulsion energy from a battery with at least four
5 kilowatt hours of energy storage capacity that can be
6 recharged from an external source of electricity[-];or
- 7 (3) A fuel cell electric vehicle.

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

- 9 (1) Is capable of providing electricity from a non-vehicle
10 source to charge the batteries of one or more electric
11 vehicles;
- 12 (2) Meets recognized standards, including standard SAE
13 J1772 of SAE International; and
- 14 (3) Is designed and installed in compliance with article
15 625 of the National Electrical Code[-];
16 provided that the term shall not include a facility or
17 system for refueling the hydrogen storage tank of a
18 fuel cell electric vehicle.

19 "Fuel cell electric vehicle" means a zero-emission electric
20 vehicle that uses a fuel cell to convert hydrogen gas and oxygen



S.B. NO. 1051

1 into electricity to charge onboard batteries and power one or
2 more onboard electric motors to propel the vehicle.

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

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

7 SECTION 5. This Act shall take effect upon its approval.
8

INTRODUCED BY:

Gregory Carabe

Mike Libbard

Michelle Fedani

Suzanne L. George

Madison J.

Samuel M. Slone

Clerena K. Michikawa

Paul E. Peden



S.B. NO. 1051

Report Title:

Fuel Cell Electric Vehicles; Electric Vehicles

Description:

Includes fuel cell electric vehicles in the definition of electric vehicles for purposes of parking exemptions, HOV lane use, registration, and required parking spaces in places of public accommodation. Grants procurement priority for fuel cell electric vehicles for state and county vehicle purchases.

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

