
A BILL FOR AN ACT

RELATING TO ENERGY.

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

1 SECTION 1. The legislature finds that hydrogen fuel may be
2 burned in internal combustion engines or used in fuel cells to
3 power electric motors. The legislature further finds that there
4 are many benefits to using vehicles powered by hydrogen fuel
5 instead of gasoline or other fossil fuels. Fuel cell vehicles
6 powered by pure hydrogen emit only heat and water, thereby
7 reducing greenhouse gas emissions. Depending on production
8 methods, hydrogen fuel can be substantially less expensive than
9 gasoline. Because hydrogen can be produced in the United
10 States, its use can reduce Hawaii's dependence on imported
11 foreign oil.

12 The State has recognized the potential benefits of hydrogen
13 fuel cell vehicles by requiring that they be given high priority
14 in the procurement policy for all agencies that purchase or
15 lease light-duty motor vehicles. This Act furthers existing
16 policy by giving them the highest priority. Similarly,
17 attractive consumer incentives will stimulate demand for



1 hydrogen fuel cell vehicles in the private market. This Act
2 also seeks to promote greater use of hydrogen fuel cell vehicles
3 by including them in existing exemptions from the payment of
4 certain parking fees and from high occupancy vehicle lane
5 restrictions applicable to other types of alternative fuel
6 vehicles.

7 Accordingly, the purpose of this Act is to increase the use
8 of hydrogen fuel cell vehicles in the State by:

- 9 (1) Giving hydrogen fuel cell vehicles the highest
10 priority in state and county procurement;
- 11 (2) Appropriating funds to enable the State to convert its
12 vehicle fleet to hydrogen fuel cell vehicles; and
- 13 (3) Exempting hydrogen fuel cell vehicles from certain
14 parking fees and from high occupancy vehicle lane
15 restrictions.

16 SECTION 2. Section 103D-412, Hawaii Revised Statutes, is
17 amended by amending subsection (b) to read as follows:

18 "(b) Beginning January 1, 2010, all state and county
19 entities, when purchasing new vehicles, shall seek vehicles with
20 reduced dependence on petroleum-based fuels that meet the needs



1 of the agency. Priority for selecting vehicles shall be as
2 follows:

- 3 (1) [~~Electric or plug-in hybrid electric vehicles;~~]
4 Hydrogen or fuel cell vehicles;
5 (2) [~~Hydrogen or fuel cell vehicles;~~] Electric or plug-in
6 hybrid electric vehicles;
7 (3) Other alternative fuel vehicles;
8 (4) Hybrid electric vehicles; and
9 (5) Vehicles that are identified by the United States
10 Environmental Protection Agency in its annual "Fuel
11 Economy Leaders" report as being among the top
12 performers for fuel economy in their class."

13 SECTION 3. Act 168, Session Laws of Hawaii 2012, section
14 2, is amended by amending subsection (d) to read as follows:

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

16 "Electric vehicle" means:

- 17 (1) A neighborhood electric vehicle; [~~or~~]
18 (2) A vehicle, with four or more wheels, that draws
19 propulsion energy from a battery with at least four
20 kilowatt hours of energy storage capacity that can be



1 recharged from an external source of electricity[-];

2 or

3 (3) A vehicle that draws propulsion energy from
4 electricity primarily produced using a fuel cell
5 powered by hydrogen."

6 SECTION 4. The department of accounting and general
7 services shall:

8 (1) Compile a list of all state fleet vehicles, including
9 a listing of vehicles that are powered by gasoline or
10 electricity, or that are hybrid vehicles;

11 (2) Determine the priority in which state fleet vehicles
12 shall be replaced, establish a method to replace these
13 vehicles with new priority vehicles pursuant to
14 section 103D-412, Hawaii Revised Statutes, and make
15 recommendations about how to accomplish the
16 replacement over time; and

17 (3) Submit a report that includes:

18 (A) The information in paragraphs (1) and (2);

19 (B) The number of priority vehicles purchased or
20 leased during the past fiscal year; and

21 (C) Any proposed legislation,



1 to the legislature no later than twenty days prior to
2 the regular session of 2016.

3 SECTION 5. There is appropriated out of the general
4 revenues of the State of Hawaii the sum of \$ or so much
5 thereof as may be necessary for fiscal year 2015-2016 and the
6 same sum or so much thereof as may be necessary for fiscal year
7 2016-2017 for the purchase of hydrogen fuel cell vehicles to
8 replace or upgrade existing state fleet vehicles.

9 The sums appropriated shall be expended by the department
10 of accounting and general services for the purposes of this Act.

11 SECTION 6. The department of accounting and general
12 services shall submit a report of its progress in converting the
13 State's vehicle fleet from existing vehicles to hydrogen fuel
14 cell vehicles, including any proposed legislation, to the
15 legislature no later than twenty days prior to the regular
16 sessions of 2017 and 2018; provided that the reports shall
17 include the:

- 18 (1) Number and types of vehicles in the State's fleet;
19 (2) Number of hydrogen fuel cell vehicles purchased or
20 leased; and
21 (3) Number of vehicles disposed of or sold.



1 SECTION 7. This Act shall take effect on July 1, 2015;
2 provided that section 2 of this Act shall take effect on July 1,
3 2017.



Report Title:

State Fleet Vehicles; Priority for Procurement; Hydrogen Fuel Cell Vehicles; Exemption from Parking Fees and High Occupancy Vehicle Lane Restrictions

Description:

Grants highest priority in public procurement to hydrogen fuel cell vehicles. Appropriates moneys for DAGS to upgrade state fleet vehicles. Requires DAGS to submit reports to Legislature. Adds hydrogen fuel cell vehicles to existing incentives for alternative fuel vehicles. (HB887 HD1)

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