
A BILL FOR AN ACT

RELATING TO PROCUREMENT.

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

1 SECTION 1. The legislature finds that hydrogen can be
2 produced from diverse domestic resources with the potential for
3 near-zero greenhouse gas emissions. Once produced, hydrogen
4 generates electrical power in a fuel cell, emitting only water
5 vapor and warm air. It holds promise for growth in both the
6 stationary and transportation energy sectors. Hydrogen can be
7 produced domestically from resources like natural gas as well as
8 renewable sources like solar energy, wind, and biomass. When
9 used to power highly efficient fuel cell electric vehicles,
10 hydrogen has enormous potential for strengthening national
11 energy security, conserving petroleum, and diversifying our
12 transportation energy options for a more resilient system.

13 The purpose of this Act is to include hydrogen vehicles as
14 a priority for state agencies when purchasing or leasing light-,
15 medium-, and heavy-duty motor vehicles.

16 SECTION 2. Section 103D-412, Hawaii Revised Statutes, is
17 amended as follows:



1 1. By amending subsection (a) to read:

2 "(a) The procurement policy for all agencies purchasing or
3 leasing light-, medium-, and heavy-duty motor vehicles shall be
4 to seek vehicles that reduce dependence on petroleum-based fuels
5 that meet the needs of the agency. Priority for selecting
6 vehicles shall be as follows:

- 7 (1) Zero-emission vehicles;
- 8 (2) Plug-in hybrid electric vehicles;
- 9 (3) Alternative fuel vehicles; [~~and~~]
- 10 (4) Hybrid electric vehicles[~~;~~]; and
- 11 (5) Hydrogen vehicles."

12 2. By amending subsection (c) to read:

13 (c) For the purposes of this section:

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

15 "Alternative fuel" shall have the same meaning as contained
16 in title 10 Code of Federal Regulations part 490; provided that
17 "alternative fuel" includes liquid or gaseous fuels produced
18 from renewable feedstocks, such as organic wastes, or from water
19 using electricity from renewable energy sources.

20 "Alternative fuel vehicle" shall have the same meaning as
21 contained in title 10 Code of Federal Regulations part 490.



1 "Covered fleet" shall have the same meaning as contained in
2 title 10 Code of Federal Regulations part 490 subpart C.

3 "Excluded vehicles" shall have the same meaning as
4 contained in title 10 Code of Federal Regulations section 490.3.

5 "Fuel cell electric vehicle" shall have the same meaning as
6 contained in title 10 Code of Federal Regulations section
7 490.501.

8 "Heavy-duty motor vehicle" means a motor vehicle that:

9 (1) Is rated at more than eight thousand five hundred
10 pounds;

11 (2) Has a curb weight of more than six thousand pounds; or

12 (3) Has a basic vehicle frontal area in excess of forty-
13 five square feet.

14 "Hybrid electric vehicle" shall have the same meaning as
15 contained in title 40 Code of Federal Regulations section
16 86.1803-01.

17 "Hydrogen vehicle" means a vehicle with four or more wheels
18 that draws propulsion from electricity generated by passing
19 hydrogen through a fuel cell.

20 "Light-duty motor vehicle" shall have the same meaning as
21 contained in title 10 Code of Federal Regulations part 490.



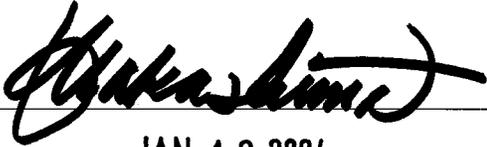
1 "Plug-in hybrid electric vehicle" shall have the same
2 meaning as contained in title 40 Code of Federal Regulations
3 part 86.1803-01.

4 "Zero-emission vehicle" shall have the same meaning as
5 contained in title 40 Code of Federal Regulations section
6 88.102-94."

7 SECTION 3. Statutory material to be repealed is bracketed
8 and stricken. New statutory material is underscored.

9 SECTION 4. This Act shall take effect upon its approval.

10

INTRODUCED BY: 
JAN 19 2024



H.B. NO. 1994

Report Title:

Procurement; State Agencies; Hydrogen Vehicles

Description:

Includes hydrogen vehicles as a priority for state agencies when purchasing or leasing light-, medium-, and heavy-duty motor vehicles.

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