
A BILL FOR AN ACT

RELATING TO THE ENVIRONMENT.

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

1 SECTION 1. The legislature finds that the use of fossil
2 fuels is the State's primary contributor to greenhouse gas
3 emissions in the atmosphere. These emissions cause climate
4 change, which poses a serious threat to the State's economic
5 well-being, public health, infrastructure, and environment. The
6 State's dependence on fossil fuels also drains the economy of
7 billions of dollars each year, makes residents vulnerable to the
8 volatility of oil prices, and puts residents at increased risk
9 in the event of a natural disaster. Thus, Act 15, Session Laws
10 of Hawaii 2018, was enacted to establish a goal for the State's
11 economy to become carbon neutral by the year 2045.

12 The legislature further finds that the transportation
13 sector accounts for the use of over two-thirds of the oil
14 imported into the State. The legislature notes that, for ground
15 transportation, electric vehicles provide a viable, cost-
16 effective alternative to vehicles that run on fossil fuels. For
17 state-owned transportation fleets, the transition to electric



1 vehicles will bring with it considerable cost savings, because
2 of lower costs to operate and maintain these vehicles.

3 The purpose of this Act is to begin the transition to one
4 hundred per cent clean ground transportation in the State by
5 establishing goals for the reduction and ultimate elimination of
6 the use of fossil fuels for ground transportation by 2045,
7 including a goal for the State to lead by example by
8 transitioning one hundred per cent of its light-duty vehicles by
9 2035. The legislature recognizes the challenges of
10 transitioning medium- and heavy-duty vehicles and the resultant
11 impacts on the feasibility of completely eliminating the use of
12 fossil fuels. This Act intends to establish a goal to help
13 drive future clean transportation policies regardless of whether
14 the transition is completed by 2045.

15 SECTION 2. Chapter 103D, Hawaii Revised Statutes, is
16 amended by adding a new section to be appropriately designated
17 and to read as follows:

18 "§103D- Other motor vehicle requirements. (a) The
19 procurement policy for all agencies purchasing or leasing
20 medium- and heavy-duty vehicles shall be to reduce dependence on
21 petroleum and to transition the source of power for these



1 vehicles to renewable sources as those sources become feasible
2 and cost-effective.

3 (b) Vehicles shall not be larger than necessary for their
4 intended functions."

5 SECTION 3. Chapter 264, Hawaii Revised Statutes, is
6 amended by adding a new section to part I to be appropriately
7 designated and to read as follows:

8 "§264- Clean ground transportation goal. The
9 department of transportation, in collaboration with the Hawaii
10 state energy office, shall develop strategies to transition all
11 light-duty vehicles, public and private, in the State to meet
12 the clean ground transportation goal of being one hundred per
13 cent powered by renewable sources by December 31, 2045."

14 SECTION 4. Section 103D-412, Hawaii Revised Statutes, is
15 amended as follows:

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

17 "(a) The procurement policy for all agencies purchasing or
18 leasing light-duty motor vehicles shall be to reduce dependence
19 on petroleum for transportation energy[-] and meet the following
20 clean ground transportation goals:



1 (1) Thirty per cent of light-duty vehicles of each fleet
2 shall be powered by renewable sources by December 31,
3 2025;

4 (2) Sixty per cent of light-duty vehicles of each fleet
5 shall be powered by renewable sources by December 31,
6 2030; and

7 (3) One hundred per cent of light-duty vehicles of each
8 fleet shall be powered by renewable sources by
9 December 31, 2035."

10 2. By amending subsection (e) to read:

11 "(e) Vehicles acquired from another state agency and
12 excluded vehicles are exempt from the requirements of this
13 section[-] but shall be included in the calculation of the clean
14 ground transportation goals established in subsection (a)."

15 SECTION 5. Section 196-9, Hawaii Revised Statutes, is
16 amended by amending subsection (c) to read as follows:

17 "(c) With regard to motor vehicles and transportation
18 fuel, each agency shall:

19 (1) Comply with Title 10, Code of Federal Regulations,
20 Part 490, Subpart C, "Mandatory State Fleet Program",
21 if applicable;

- 1 (2) Comply with all applicable state laws regarding
- 2 vehicle purchases;
- 3 (3) Once federal and state vehicle purchase mandates have
- 4 been satisfied, purchase the most fuel-efficient
- 5 vehicles that meet the needs of their programs;
- 6 provided that life cycle cost-benefit analysis of
- 7 vehicle purchases shall include projected fuel costs;
- 8 (4) Purchase alternative fuels and ethanol blended
- 9 gasoline when available;
- 10 (5) Evaluate a purchase preference for biodiesel blends,
- 11 as applicable to agencies with diesel fuel purchases;
- 12 (6) Promote efficient operation of vehicles;
- 13 (7) Use the most appropriate minimum octane fuel; provided
- 14 that vehicles shall use 87-octane fuel unless the
- 15 owner's manual for the vehicle states otherwise or the
- 16 engine experiences knocking or pinging;
- 17 (8) Beginning with fiscal year 2005-2006 as the baseline,
- 18 collect and maintain, for the life of each vehicle
- 19 acquired, the following data:
- 20 (A) Vehicle acquisition cost;



1 (B) United States Environmental Protection Agency
2 rated fuel economy;

3 (C) Vehicle fuel configuration, such as gasoline,
4 diesel, flex-fuel gasoline/E85, and dedicated
5 propane;

6 (D) Actual in-use vehicle mileage;

7 (E) Actual in-use vehicle fuel consumption; and

8 (F) Actual in-use annual average vehicle fuel
9 economy; [~~and~~]

10 (9) Beginning with fiscal year 2005-2006 as the baseline
11 with respect to each agency that operates a fleet of
12 thirty or more vehicles, collect and maintain, in
13 addition to the data in paragraph (8), the following:

14 (A) Information on the vehicles in the fleet,
15 including vehicle year, make, model, gross
16 vehicle weight rating, and vehicle fuel
17 configuration;

18 (B) Fleet fuel usage, by fuel;

19 (C) Fleet mileage; and



1 (D) Overall annual average fleet fuel economy and
2 average miles per gallon of gasoline and
3 diesel [-]; and

4 (10) Plan and coordinate vehicle acquisition to meet the
5 following clean ground transportation goals:

6 (A) Thirty per cent of light-duty vehicles of each
7 fleet shall be powered by renewable sources by
8 December 31, 2025;

9 (B) Sixty per cent of light-duty vehicles of each
10 fleet shall be powered by renewable sources by
11 December 31, 2030; and

12 (C) One hundred per cent of light-duty vehicles of
13 each fleet shall be powered by renewable sources
14 by December 31, 2035."

15 SECTION 6. Section 196-42, Hawaii Revised Statutes, is
16 amended to read as follows:

17 "**§196-42 State support for achieving alternate fuels**
18 **standards [-] and clean ground transportation goals.** (a) The
19 State shall facilitate the development of alternate fuels and
20 support the attainment of a statewide alternate fuels standard
21 of ten per cent of highway fuel demand to be provided by



1 alternate fuels by 2010, fifteen per cent by 2015, twenty per
 2 cent by 2020, and thirty per cent by 2030. For purposes of the
 3 alternate fuels standard, ethanol produced from cellulosic
 4 materials shall be considered the equivalent of two and one-half
 5 gallons of noncellulosic ethanol. "Alternate fuels" shall have
 6 the same meaning as contained in 10 Code of Federal Regulations
 7 Part 490; provided that it shall also include liquid or gaseous
 8 fuels produced from renewable feedstocks such as organic wastes,
 9 or from water using electricity from renewable energy sources.

10 (b) The State shall facilitate the development of
 11 renewable fuels for ground transportation and support the
 12 attainment of the clean ground transportation goal established
 13 by section 264- ."

14 SECTION 7. Statutory material to be repealed is bracketed
 15 and stricken. New statutory material is underscored.

16 SECTION 8. This Act shall take effect upon its approval.
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INTRODUCED BY:

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H.B. NO. 2699

Report Title:

Clean Ground Transportation Goals; Fleet Procurement

Description:

Establishes clean ground transportation goals for state agencies on a staggered basis until achieving a 100 per cent light-duty vehicle clean fleet by 12/31/2035, and for all light-duty vehicles in the State by 12/31/2045.

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