

---

---

# 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 billions of  
7 dollars each year from the economy, makes residents vulnerable  
8 to the volatility of oil prices, and puts residents at increased  
9 risk in the event of a natural disaster. Thus, Act 15, Session  
10 Laws of Hawaii 2018, was enacted to establish a goal for the  
11 State's 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 electric  
15 vehicles provide a viable, cost-effective alternative to  
16 vehicles that run on fossil fuels for ground transportation.  
17 The transition to an electric state-owned transportation fleet



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

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

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

19       "§103D-       Other motor vehicle requirements. (a) The  
20 procurement policy for all agencies purchasing or leasing  
21 medium- and heavy-duty motor vehicles shall be to seek vehicles



1 that reduce dependence on petroleum-based fuels that meet the  
2 needs of the agency, where feasible and cost-effective.

3 Priorities for selecting vehicles for lease or purchase  
4 shall be as follows:

5 (1) Electric or plug-in hybrid electric vehicles and fuel  
6 cell electric vehicles;

7 (2) Other alternative fuel vehicles;

8 (3) Hybrid electric vehicles; and

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

15 SECTION 3. Chapter 225P, Hawaii Revised Statutes, is  
16 amended by adding a new section to be appropriately designated  
17 and to read as follows:

18 "§225P-\_\_\_\_\_ Climate change mitigation goal. It shall be  
19 the goal of the State to reduce greenhouse gas emissions and  
20 build energy efficiencies, including but not limited to  
21 attaining the state clean ground transportation goal for all



1 state fleet light-duty vehicles to be one hundred per cent  
2 powered by renewable energy sources by December 1, 2035."

3 SECTION 4. Chapter 264, Hawaii Revised Statutes, is  
4 amended by adding a new section to part I to be appropriately  
5 designated and to read as follows:

6 "§264- Clean ground transportation goal. The  
7 department of transportation, in collaboration with the Hawaii  
8 state energy office, shall transition all state fleet light-duty  
9 motor vehicles to be one hundred per cent powered by renewable  
10 energy sources by December 1, 2035."

11 SECTION 5. Section 103D-412, Hawaii Revised Statutes, is  
12 amended as follows:

13 1. By amending subsections (a) and (b) to read:

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

18 (1) Thirty per cent of light-duty motor vehicles of each  
19 fleet shall be powered by renewable energy sources by  
20 December 31, 2025;



1       (2) Sixty per cent of light-duty motor vehicles of each  
2       fleet shall be powered by renewable energy sources by  
3       December 31, 2030; and

4       (3) One hundred per cent of light-duty motor vehicles of  
5       each fleet shall be powered by renewable energy  
6       sources by December 31, 2035.

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

- 12       (1) Electric or plug-in hybrid electric vehicles and fuel
- 13       cell electric vehicles;
- 14       (2) Other alternative fuel vehicles;
- 15       (3) Hybrid electric vehicles; [~~and~~]
- 16       (4) Vehicles that are identified by the United States
- 17       Environmental Protection Agency in its annual "Fuel
- 18       Economy Leaders" report as being among the top
- 19       performers for fuel economy in their class.

20 Vehicles shall not be larger than necessary for their intended  
21 functions."



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

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

6           SECTION 6. Section 196-9, Hawaii Revised Statutes, is  
7 amended by amending subsection (c) to read as follows:

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

- 10           (1) Comply with Title 10, Code of Federal Regulations,  
11                 Part 490, Subpart C, "Mandatory State Fleet Program",  
12                 if applicable;
- 13           (2) Comply with all applicable state laws regarding  
14                 vehicle purchases;
- 15           (3) Once federal and state vehicle purchase mandates have  
16                 been satisfied, purchase the most fuel-efficient  
17                 vehicles that meet the needs of their programs;  
18                 provided that any life cycle cost-benefit analysis of  
19                 vehicle purchases shall include projected fuel costs;
- 20           (4) Purchase alternative fuels and ethanol blended  
21                 gasoline when available;



- 1 (5) Evaluate a purchase preference for biodiesel blends,  
2 as applicable to agencies with diesel fuel purchases;
- 3 (6) Promote efficient operation of vehicles;
- 4 (7) Use the most appropriate minimum octane fuel; provided  
5 that vehicles shall use 87-octane fuel unless the  
6 owner's manual for the vehicle states otherwise or the  
7 engine experiences knocking or pinging;
- 8 (8) Beginning with fiscal year 2005-2006 as the baseline,  
9 collect and maintain, for the life of each vehicle  
10 acquired, the following data:
  - 11 (A) Vehicle acquisition cost;
  - 12 (B) United States Environmental Protection Agency  
13 rated fuel economy;
  - 14 (C) Vehicle fuel configuration, such as gasoline,  
15 diesel, flex-fuel gasoline/E85, and dedicated  
16 propane;
  - 17 (D) Actual in-use vehicle mileage;
  - 18 (E) Actual in-use vehicle fuel consumption; and
  - 19 (F) Actual in-use annual average vehicle fuel  
20 economy; [~~and~~]



- 1 (9) Beginning with fiscal year 2005-2006 as the baseline  
2 with respect to each agency that operates a fleet of  
3 thirty or more vehicles, collect and maintain, in  
4 addition to the data in paragraph (8), the following:
- 5 (A) Information on the vehicles in the fleet,  
6 including vehicle year, make, model, gross  
7 vehicle weight rating, and vehicle fuel  
8 configuration;
- 9 (B) Fleet fuel usage, by fuel;
- 10 (C) Fleet mileage; and
- 11 (D) Overall annual average fleet fuel economy and  
12 average miles per gallon of gasoline and  
13 diesel [-]; and
- 14 (10) Plan and coordinate vehicle acquisition to meet the  
15 following clean ground transportation goals:
- 16 (A) Thirty per cent of light-duty motor vehicles of  
17 each fleet shall be powered by renewable energy  
18 sources by December 31, 2025;
- 19 (B) Sixty per cent of light-duty motor vehicles of  
20 each fleet shall be powered by renewable energy  
21 sources by December 31, 2030; and





1           (C) One hundred per cent of light-duty motor vehicles  
2                   of each fleet shall be powered by renewable  
3                   energy sources by December 31, 2035."

4           SECTION 7. Section 196-42, Hawaii Revised Statutes, is  
5 amended to read as follows:

6           "**§196-42 State support for achieving alternate fuels**  
7 **standards [-] and clean ground transportation goals.** (a) The  
8 State shall facilitate the development of alternate fuels and  
9 support the attainment of a statewide alternate fuels standard  
10 of ten per cent of highway fuel demand to be provided by  
11 alternate fuels by 2010, fifteen per cent by 2015, twenty per  
12 cent by 2020, and thirty per cent by 2030. For purposes of the  
13 alternate fuels standard, ethanol produced from cellulosic  
14 materials shall be considered the equivalent of two and one-half  
15 gallons of noncellulosic ethanol. "Alternate fuels" shall have  
16 the same meaning as contained in 10 Code of Federal Regulations  
17 Part 490; provided that it shall also include liquid or gaseous  
18 fuels produced from renewable feedstocks such as organic wastes,  
19 or from water using electricity from renewable energy sources.



1           (b) The State shall support the attainment of the clean  
2 ground transportation goals established by sections 225P-     and  
3 264-     ."

4           SECTION 8. Statutory material to be repealed is bracketed  
5 and stricken. New statutory material is underscored.

6           SECTION 9. This Act shall take effect on July 1, 2050.



**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 motor vehicle clean fleet by 12/31/2035. Effective 7/1/2050.  
(SD1)

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

