
A BILL FOR AN ACT

RELATING TO CLEAN ENERGY TRANSPORTATION.

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

1 SECTION 1. The legislature finds that Hawaii's dependence
2 on imported fossil fuels drains the state economy of billions of
3 dollars each year. In addition, the volatility of imported fuel
4 prices creates significant risks for the economy and adds to the
5 cost of living for local families.

6 The legislature notes that on a per-mile basis, it is
7 significantly less expensive to commute in an electric vehicle
8 than it is to commute in a gas-powered automobile. Residents
9 can lower their cost of living by relying on local renewable
10 energy for transportation, and by transitioning to less-
11 expensive renewable vehicles and transportation systems.

12 The legislature also finds that autonomous electric
13 vehicles are already operating on public roads in cities around
14 the country. The emergence of these vehicles signals an
15 approaching revolution in transportation that has the potential
16 to dramatically reduce costs for consumers and change the way
17 people commute. However, in order for local consumers and



1 families to benefit from these changes and properly transition
2 away from expensive fossil fuel vehicles, Hawaii must have in
3 place certain critical infrastructure elements, such as electric
4 vehicle charging stations.

5 The legislature further finds that the continued use of
6 fossil fuels contributes to climate change, which poses a
7 serious threat to the State's economy, public health, natural
8 resources, and environment. Climate change is killing Hawaii's
9 reefs and causing sea level rise, which is expected to result in
10 \$19,000,000,000 in losses of coastal residences, businesses, and
11 infrastructure. Climate change also poses a serious threat to
12 public health by increasing the incidence of infectious
13 diseases, asthma, and other health-related problems.

14 The purpose of this Act is to begin the State's transition
15 to one hundred per cent clean ground transportation by:

16 (1) Establishing a clean transportation initiative to
17 reduce and ultimately eliminate the use of fossil
18 fuels in:

19 (A) All public ground transportation by 2035; and

20 (B) All ground transportation, which includes a near
21 term 2025 target benchmark;



1 (2) Requiring the department of transportation to
 2 collaborate with the state energy office to assist
 3 stakeholders in making all public ground
 4 transportation clean transportation by 2035, and to
 5 identify a plan and develop recommendations to help
 6 make all ground transportation clean transportation;
 7 and

8 (3) Clarifying that the transportation objectives of the
 9 State Planning Act include the reduction and ultimate
 10 elimination of the use of fossil fuels in all public
 11 ground transportation by 2035, and in all ground
 12 transportation thereafter.

13 SECTION 2. Chapter 264, Hawaii Revised Statutes, is
 14 amended by adding a new section to part I to be appropriately
 15 designated and to read as follows:

16 "§264- Hawaii clean transportation initiative. (a)
 17 The department of transportation, in collaboration with the
 18 state energy office of the department of business, economic
 19 development, and tourism, shall:

20 (1) Assist stakeholders with planning to reduce and
 21 ultimately eliminate the use of fossil fuels in all



- 1 public ground transportation by 2035, as identified in
2 section 196-10.5(a) (8);
- 3 (2) Identify a plan to deploy necessary infrastructure and
4 make progress toward the one hundred per cent clean
5 ground transportation goals of reducing and ultimately
6 eliminating the use of fossil fuels in all ground
7 transportation, as identified in section
8 196-10.5(a) (9);
- 9 (3) Develop recommendations regarding the additional steps
10 necessary to help achieve the goals of this section;
11 and
- 12 (4) Convene stakeholders in a clean ground transportation
13 forum to solicit input on the department of
14 transportation's clean transportation activities and
15 implement any changes that will help to achieve the
16 goals of this section.
- 17 (b) The department of transportation shall include
18 recommendations as developed pursuant to this section in the
19 report the department submits annually to the legislature
20 pursuant to part II of Act 100, Session Laws of Hawaii 1999, as
21 amended by Act 154, Session Laws of Hawaii 2005.



1 (c) The clean ground transportation forum convened by the
2 department pursuant to this section shall not be subject to
3 chapter 92.

4 (d) For purposes of this section:

5 "Clean transportation" means ground transportation that
6 does not consume fossil fuels.

7 "Public ground transportation" means state and county
8 vehicles either owned or contracted for a public purpose and
9 excludes privately owned vehicles."

10 SECTION 3. Section 196-10.5, Hawaii Revised Statutes, is
11 amended by amending subsection (a) to read as follows:

12 "(a) There is established within the department of
13 business, economic development, and tourism, a Hawaii clean
14 energy initiative program to manage the State's transition to a
15 clean energy economy. The clean energy program shall design,
16 implement, and administer activities that include:

17 (1) Strategic partnerships for the research, development,
18 testing, deployment, and permitting of clean and
19 renewable technologies;



- 1 (2) Engineering and economic evaluations of Hawaii's
2 potential for near-term project opportunities for the
3 State's renewable energy resources;
- 4 (3) Electric grid reliability and security projects that
5 will enable the integration of a substantial increase
6 of electricity from renewable-energy resources;
- 7 (4) A statewide clean energy public education and outreach
8 plan to be developed in coordination with Hawaii's
9 institutions of public education;
- 10 (5) Promotion of Hawaii's clean and renewable resources to
11 potential partners and investors;
- 12 (6) A plan, to be implemented from 2011 to ~~[2030,]~~ 2045,
13 to transition the State to a clean energy economy;
14 ~~[and]~~
- 15 (7) A plan, to be implemented from 2011 to ~~[2030,]~~ 2045,
16 to assist each county in transitioning to a clean
17 energy economy ~~[-]~~;
- 18 (8) A plan, to be implemented from 2018 to 2035, to reduce
19 and ultimately eliminate the use of fossil fuels in
20 all public ground transportation by 2035; and



1 (9) A plan, to be implemented beginning in 2018, to deploy
2 necessary infrastructure and make progress toward the
3 one hundred per cent clean ground transportation goals
4 of reducing and ultimately eliminating the use of
5 fossil fuels in all ground transportation; provided
6 that the plan and its implementation shall achieve not
7 less than a ten per cent reduction in fossil fuel
8 consumption in ground transportation relative to 2015
9 levels by 2025, and shall include metrics to measure
10 and evaluate progress toward the goals of this
11 section; provided further that two years prior to the
12 completion of the plan and every five years
13 thereafter, a report shall be submitted to the
14 legislature that includes:

15 (A) Progress made toward the established target
16 benchmark; and
17 (B) A new target benchmark for the further reduction
18 of fossil fuel consumption in ground
19 transportation for the subsequent five years."

20 SECTION 4. Section 226-17, Hawaii Revised Statutes, is
21 amended by amending subsection (a) to read as follows:



1 "(a) Planning for the State's facility systems with regard
2 to transportation shall be directed towards the achievement of
3 the following objectives:

4 (1) An integrated multi-modal transportation system that
5 services statewide needs and promotes the efficient,
6 economical, safe, and convenient movement of people
7 and goods.

8 (2) A statewide transportation system that is consistent
9 with and will accommodate planned growth objectives
10 throughout the State.

11 (3) Increased energy security and self-sufficiency through
12 the reduction and ultimate elimination of the use of
13 fossil fuels in all public ground transportation by
14 2035, and in all ground transportation thereafter."

15 SECTION 5. Statutory material to be repealed is bracketed
16 and stricken. New statutory material is underscored.

17 SECTION 6. This Act shall take effect on January 28, 2045;
18 provided that section 2 of this Act shall be repealed on January
19 31, 2046.



Report Title:

DOT; DBEDT; Renewable Energy; Clean Transportation Initiative

Description:

Establishes a Clean Transportation Initiative to reduce and ultimately eliminate the use of fossil fuels in all public ground transportation by 2035, and in all ground transportation, with a near term 2025 target benchmark. Requires the Department of Transportation to collaborate with the Department of Business, Economic Development, and Tourism to achieve the goals of the Clean Transportation Initiative. Clarifies that the transportation objectives of the State Planning Act include the reduction and ultimate elimination of the use of fossil fuels in all public ground transportation by 2035, and in all ground transportation thereafter. Repeals the Initiative on 1/31/2046. (HB2728 HD1)

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