
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;



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

(3) Clarifying 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.

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

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

(1) Assist stakeholders with planning to reduce and
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, "clean transportation"
5 means ground transportation that does not consume fossil fuels."

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

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

13 (1) Strategic partnerships for the research, development,
14 testing, deployment, and permitting of clean and
15 renewable technologies;

16 (2) Engineering and economic evaluations of Hawaii's
17 potential for near-term project opportunities for the
18 State's renewable energy resources;

19 (3) Electric grid reliability and security projects that
20 will enable the integration of a substantial increase
21 of electricity from renewable-energy resources;



- 1 (4) A statewide clean energy public education and outreach
2 plan to be developed in coordination with Hawaii's
3 institutions of public education;
- 4 (5) Promotion of Hawaii's clean and renewable resources to
5 potential partners and investors;
- 6 (6) A plan, to be implemented from 2011 to ~~[2030,]~~ 2045,
7 to transition the State to a clean energy economy;
8 [and]
- 9 (7) A plan, to be implemented from 2011 to ~~[2030,]~~ 2045,
10 to assist each county in transitioning to a clean
11 energy economy~~[-]~~;
- 12 (8) A plan, to be implemented from 2018 to 2035, to reduce
13 and ultimately eliminate the use of fossil fuels in
14 all public ground transportation by 2035; and
- 15 (9) A plan, to be implemented beginning in 2018, to deploy
16 necessary infrastructure and make progress toward the
17 one hundred per cent clean ground transportation goals
18 of reducing and ultimately eliminating the use of
19 fossil fuels in all ground transportation; provided
20 that the plan and its implementation shall achieve not
21 less than a ten per cent reduction in fossil fuel



1 consumption in ground transportation relative to 2015
2 levels by 2025, and shall include metrics to measure
3 and evaluate progress toward the goals of this
4 section; provided further that two years prior to the
5 completion of the plan and every five years
6 thereafter, a report shall be submitted to the
7 legislature that includes:

8 (A) Progress made toward the established target
9 benchmark; and

10 (B) A new target benchmark for the further reduction
11 of fossil fuel consumption in ground
12 transportation for the subsequent five years."

13 SECTION 4. Section 226-17, Hawaii Revised Statutes, is
14 amended to read as follows:

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

18 (1) An integrated multi-modal transportation system that
19 services statewide needs and promotes the efficient,
20 economical, safe, and convenient movement of people
21 and goods[-];



1 (2) A statewide transportation system that is consistent
2 with and will accommodate planned growth objectives
3 throughout the State[-]; and

4 (3) Increased energy security and self-sufficiency through
5 the reduction and ultimate elimination of the use of
6 fossil fuels in all public ground transportation by
7 2035, and in all ground transportation thereafter."

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

10 SECTION 6. This Act shall take effect upon its approval;
11 provided that section 2 of this Act shall be repealed on January
12 31, 2046.

13
INTRODUCED BY: 

JAN 24 2018



H.B. NO. 2728

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.

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