

1 The legislature finds that the use of fossil fuels is the
2 State's primary contributor to greenhouse gas emissions in the
3 atmosphere. These emissions cause climate change, which poses a
4 serious threat to the State's economic well-being, public
5 health, infrastructure, and environment. The legislature finds
6 that the State's dependence on fossil fuels also drains the
7 economy of billions of dollars each year, makes residents
8 vulnerable to the volatility of oil prices, and puts residents
9 at increased risk in the event of a natural disaster.

10 The legislature also finds that the transportation sector
11 accounts for the use of over two-thirds of the oil imported into
12 the State. With regard to ground transportation, electric
13 vehicles provide a viable, cost-effective alternative to
14 vehicles that run on fossil fuels. For state-owned
15 transportation fleets, the transition to electric vehicles will
16 bring considerable cost savings because of lower costs to
17 operate and maintain these vehicles.

18 The purpose of this Act is to accelerate Hawaii's efforts
19 to address climate change and establish a clean economy by:



- 1 (1) Setting the goal of employing one hundred per cent
2 clean ground transportation for the State's public and
3 private transportation sectors by December 31, 2030;
- 4 (2) Requiring all light duty motor vehicles procured
5 pursuant to the Hawaii Public Procurement Code to be
6 powered by renewable sources by January 1, 2030;
- 7 (3) Accelerating the State's goal of becoming one hundred
8 per cent reliant on clean energy and reaching its zero
9 emissions clean energy target from 2045 to 2030;
- 10 (4) Increasing the goal for electricity use reductions
11 achieved under the State's energy-efficiency portfolio
12 standards from four thousand three hundred gigawatt
13 hours of electricity to six thousand two hundred
14 gigawatt hours of electricity by 2030; and
- 15 (5) Prohibiting the sale of new motor vehicles solely
16 powered by fossil fuels by January 1, 2030.

17 PART II. CLIMATE CHANGE MITIGATION AND CLEAN ENERGY GOALS

18 SECTION 2. Chapter 225P, Hawaii Revised Statutes, is
19 amended by adding a new section to be appropriately designated
20 and to read as follows:



1 "§225P- Climate change mitigation goal. It shall be
2 the goal of the State to reduce greenhouse gas emissions and
3 build energy efficiencies, including but not limited to clean
4 ground transportation, across all business sectors of the State
5 to attain a goal of one hundred per cent of light duty vehicles
6 powered by renewable energy sources by December 31, 2030."

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

10 "§264- Clean ground transportation goal. The
11 department of transportation, in collaboration with the Hawaii
12 state energy office, shall develop strategies to transition all
13 light duty vehicles, public and private, in the State to meet
14 the clean ground transportation goal of being one hundred per
15 cent powered by renewable sources by December 31, 2030."

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

18 "§196-42 State support for achieving alternate fuels
19 standards [-] and clean ground transportation goals. (a) The
20 State shall facilitate the development of alternate fuels and
21 support the attainment of a statewide alternate fuels standard



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

11 (b) The State shall support the attainment of the clean
12 ground transportation goals established by sections 225P- and
13 264- , including by ensuring that one hundred per cent of
14 light duty motor vehicles procured pursuant to chapter 103D are
15 powered by renewable sources by January 1, 2030."

16 SECTION 5. Section 225P-1, Hawaii Revised Statutes, is
17 amended to read as follows:

18 "§225P-1 Purpose. The purpose of this chapter is to
19 address the effects of climate change to protect the State's
20 economy, environment, health, and way of life. This chapter
21 establishes the framework for the State to:



- 1 (1) Adapt to the inevitable impacts of global warming and
2 climate change, including rising sea levels,
3 temperatures, and other risk factors; and
4 (2) Mitigate its greenhouse gas emissions by sequestering
5 more atmospheric carbon and greenhouse gases than the
6 State produces as quickly as practicable, but no later
7 than [~~2045-~~] 2030."

8 SECTION 6. Section 225P-5, Hawaii Revised Statutes, is
9 amended by amending its title and subsection (a) to read as
10 follows:

11 "~~§~~225P-5~~§~~ Zero emissions clean economy target. (a)
12 Considering both atmospheric carbon and greenhouse gas emissions
13 as well as offsets from the local sequestration of atmospheric
14 carbon and greenhouse gases through long-term sinks and
15 reservoirs, a statewide target is hereby established to
16 sequester more atmospheric carbon and greenhouse gases than
17 emitted within the State as quickly as practicable, but no later
18 than [~~2045-~~] 2030."

19 SECTION 7. Section 269-92, Hawaii Revised Statutes, is
20 amended by amending subsection (a) to read as follows:



1 "(a) Each electric utility company that sells electricity
2 for consumption in the State shall establish a renewable
3 portfolio standard of:

4 (1) Ten per cent of its net electricity sales by December
5 31, 2010;

6 (2) Fifteen per cent of its net electricity sales by
7 December 31, 2015;

8 (3) Thirty per cent of its net electricity sales by
9 December 31, 2020;

10 (4) [~~Forty~~] Fifty per cent of its net electricity sales by
11 December 31, [~~2030~~] 2025; and

12 ~~[(5) Seventy per cent of its net electricity sales by
13 December 31, 2040; and~~

14 ~~+(6)]~~ (5) One hundred per cent of its net electricity sales
15 by December 31, [~~2045~~] 2030."

16 SECTION 8. Section 269-96, Hawaii Revised Statutes, is
17 amended as follows:

18 1. By amending its title to read:

19 " ~~[+] §269-96 [+~~ **Energy-efficiency portfolio standards.**"

20 2. By amending subsection (b) to read:



1 "(b) The energy-efficiency portfolio standards shall be
2 designed to achieve [~~four~~] six thousand [~~three~~] two hundred
3 gigawatt hours of electricity use reductions statewide by 2030;
4 provided that the commission shall establish interim goals for
5 electricity use reduction to be achieved by 2015, 2020, and 2025
6 and may also adjust the 2030 standard by rule or order to
7 maximize cost-effective energy-efficiency programs and
8 technologies."

9 PART III. PROHIBITION ON FOSSIL FUEL POWERED VEHICLES

10 SECTION 9. Chapter 437, Hawaii Revised Statutes, is

11 amended by adding a new section to part I to be appropriately
12 designated and to read as follows:

13 "§437- Prohibition on the sale of new motor vehicles
14 solely powered by fossil fuels. (a) Beginning January 1, 2030,
15 no dealer or salesperson shall sell or offer for sale a new
16 motor vehicle that:

- 17 (1) Is solely powered by fossil fuels; and
18 (2) Is designed for personal, family, or household use.
19 (b) This section shall not be construed to prohibit:



H.B. NO. 403

Report Title:

Climate Change; Clean Energy; Clean Ground Transportation;
Electricity Use Reductions

Description:

Sets the goal of employing one hundred percent clean ground transportation for the public and private transportation sectors by December 31, 2030. Requires all light duty motor vehicles procured pursuant to the Hawaii Public Procurement Code to be powered by renewable sources by January 1, 2030. Accelerates the State's goal of becoming one hundred percent reliant on clean energy and reaching its zero emissions clean energy target to 2030. Increases the goal for electricity use reductions achieved under the State's energy-efficiency portfolio standards. Prohibits the sale of new motor vehicles powered solely by fossil fuels by January 1, 2030.

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