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# A BILL FOR AN ACT

RELATING TO RENEWABLE ENERGY.

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

1           SECTION 1. The legislature finds that section 269-92,  
2 Hawaii Revised Statutes, requires each utility company that  
3 sells electricity for consumption in the State to establish a  
4 renewable energy portfolio standard of one hundred per cent of  
5 its net electricity sales by December 31, 2045, and that  
6 section 269-96, Hawaii Revised Statutes, requires the public  
7 utilities commission to establish energy efficiency portfolio  
8 standards to achieve four thousand three hundred gigawatt-hours  
9 of electricity use reductions statewide by 2030.

10           The legislature notes that the renewable portfolio and  
11 energy efficiency portfolio standards are specific to  
12 electricity and not all energy.

13           The legislature also finds that section 225P-5, Hawaii  
14 Revised Statutes, establishes a zero emissions clean economy  
15 target to sequester more atmospheric carbon and greenhouse gases  
16 than emitted within the State as quickly as practicable, but no  
17 later than 2045. Energy accounts for about eighty-eight per



1 cent of greenhouse gas emissions in the State and, therefore,  
2 achievement of the zero emissions clean economy target will be  
3 highly dependent upon actions taken with regard to energy  
4 supplies and use.

5 The legislature further notes that no strategic plan  
6 currently exists for the attainment of the zero emissions clean  
7 economy target involving energy and other sources of greenhouse  
8 gas emissions and the public utilities commission has  
9 responsibilities to examine lifecycle emissions that may occur  
10 outside the State.

11 The legislature further finds that the Hawaii state energy  
12 office, in accordance with its purpose and responsibilities  
13 under Act 122, Session Laws of Hawaii 2019, is the appropriate  
14 entity, and has stated its willingness, to take on the task of  
15 working with the legislature; Hawaii natural energy institute;  
16 office of the governor; department of business, economic  
17 development, and tourism; and Hawaii's energy and broader  
18 stakeholders to envision and explain how Hawaii's several  
19 statutes regarding renewable energy, energy efficiency, and zero  
20 emissions clean economy target will be synthesized and achieved.



1           The purpose of this Act is to require the Hawaii state  
2 energy office to develop a strategic plan that outlines  
3 benchmarks to meet the requirements of section 225P-5, Hawaii  
4 Revised Statutes, in establishing a resilient, clean energy,  
5 decarbonized economy as quickly as practicable but no later  
6 than 2045.

7           SECTION 2. (a) The Hawaii state energy office shall:

8           (1) Establish a strategic plan that identifies clear  
9 strategies to achieve a resilient, clean energy,  
10 decarbonized economy as quickly as practicable but no  
11 later than 2045 in fulfillment of section 225P-5,  
12 Hawaii Revised Statutes; and

13           (2) Consider lifecycle emissions related to out-of-state  
14 transportation and supply chains.

15           (b) The strategic plan shall identify benchmarks that are  
16 quantitatively and qualitatively measurable and metrics to  
17 determine progress toward attaining the goal of the zero  
18 emissions clean economy target.

19           (c) The Hawaii state energy office shall submit its  
20 strategic plan, including proposed strategies, benchmarks, and  
21 metrics, and any proposed legislation, to the legislature no



1 later than twenty days prior to the convening of the regular  
2 session of 2023.

3 SECTION 3. (a) The Hawaii natural energy institute of the  
4 University of Hawaii shall conduct a feasibility study of the  
5 Hawaii state energy office's strategic plan pursuant to  
6 section 2 of this Act, including an analysis of the cost savings  
7 and benefits achieved to-date to ratepayers and citizens of  
8 Hawaii's energy goals as set forth in sections 269-92 and  
9 269-96, Hawaii Revised Statutes.

10 (b) The Hawaii natural energy institute shall submit a  
11 report of its findings and recommendations, including any  
12 proposed legislation, to the legislature no later than twenty  
13 days prior to the convening of the regular sessions of 2023,  
14 2028, 2033, 2038, 2043, and 2048.

15 SECTION 4. This Act shall take effect on July 1, 2050.



**Report Title:**

Energy; Renewable Energy; Strategic Plan; Hawaii State Energy Office; Hawaii Natural Energy Institute; Feasibility Study

**Description:**

Requires the Hawaii State Energy Office to develop a strategic plan that identifies strategies to achieve a resilient, clean energy, decarbonized economy as quickly as practicable and to submit the strategic plan to the Legislature no later than twenty days prior to the convening of the Regular Session of 2023. Requires the Hawaii Natural Energy Institute to conduct a feasibility study of the strategic plan and to submit its findings and recommendations to the Legislature no later than twenty days prior to the convening of the Regular Sessions of 2023, 2028, 2033, 2043, and 2048. Effective 7/1/2050. (HD1)

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

