
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 this State to establish a
4 renewable energy portfolio standard of one hundred per cent of
5 its net electricity sales by December 31, 2045.

6 The legislature also finds that section 225P-5, Hawaii
7 Revised Statutes, establishes a zero emissions clean economy
8 target to sequester more atmospheric carbon and greenhouse gases
9 than emitted within the State as quickly as practicable, but no
10 later than 2045.

11 The legislature finds that no strategic plan currently
12 exists for the attainment of either of these goals.

13 The legislature further finds that the Hawaii natural
14 energy institute has stated its willingness to take on the task
15 of working with the legislature; office of the governor; the
16 department of business, economic development, and tourism; and
17 Hawaii's energy and broader stakeholders to envision and explain



1 how Hawaii's several related statutes regarding renewable
2 energy, energy efficiency, and zero emissions clean economy
3 target will be synthesized and achieved.

4 The purpose of this measure is to require the Hawaii
5 natural energy institute to develop a strategic plan that
6 outlines benchmarks to meet the requirements of section 269-92,
7 Hawaii Revised Statutes, in establishing a one hundred per cent
8 renewable energy portfolio standard.

9 SECTION 2. (a) The Hawaii natural energy institute of the
10 University of Hawaii, shall establish a strategic plan that
11 identifies clear benchmarks to:

12 (1) Attain the goal of one hundred per cent energy self-
13 sufficiency by December 31, 2045, including the
14 temporary use of alternative fuels that may be used as
15 bridge fuels; and

16 (2) Provide clarity for utilities, utility-scale
17 developers, and energy distributors in planning to
18 achieve the benchmarks determined under paragraph (1).

19 (b) The strategic plan shall identify benchmarks that are
20 quantitatively and qualitatively measurable and the metrics to



1 determine progress toward attaining the goal of one hundred per
2 cent energy self-sufficiency by December 31, 2045.

3 (c) The Hawaii natural energy institute shall submit its
4 strategic plan, including proposed strategies, benchmarks, and
5 metrics, and any proposed legislation, to the legislature no
6 later than twenty days prior to the convening of the regular
7 session of 2023.

8 SECTION 3. (a) The Hawaii natural energy institute of the
9 university of Hawaii shall conduct a feasibility study on the
10 State's ability to achieve its goal of producing one hundred per
11 cent of the State's electricity from renewable energy sources by
12 December 31, 2045; provided that if the current renewable energy
13 standards are not achievable, the study shall determine an
14 estimate of what percentage is realistically achievable by
15 December 31, 2045.

16 (b) The Hawaii natural energy institute shall submit a
17 report of its findings and recommendations, including any
18 proposed legislation, to the legislature no later than twenty
19 days prior to the convening of the regular session of 2023.

20 SECTION 4. This Act shall take effect on July 1, 2021.



Report Title:

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

Description:

Requires the Hawaii Natural Energy Institute to develop a strategic plan that outlines benchmarks to achieve a 100% renewable energy portfolio standard and to submit the strategic plan to the Legislature before the Regular Session of 2023. Requires the Hawaii Natural Energy Institute to conduct a feasibility study on the State's ability to achieve its renewable energy goals by 2045 and to submit its findings and recommendations to the Legislature no later than twenty days prior to the convening of the regular session of 2023. (SD1)

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