
A BILL FOR AN ACT

RELATING TO CLIMATE MITIGATION.

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

1 SECTION 1. The purpose of this Act is to require and
2 appropriate funds for the Hawaii natural energy institute to
3 conduct a study to determine Hawaii's pathway to decarbonization
4 and identify challenges, opportunities, and actions that will be
5 needed to achieve those goals.

6 SECTION 2. (a) The Hawaii natural energy institute shall
7 analyze pathways and develop recommendations for achieving the
8 State's economy-wide decarbonization goals, including the
9 statewide greenhouse gas emissions limit and goal to sequester
10 more atmospheric carbon and greenhouse gases than emitted by no
11 later than 2045 pursuant to section 225P-5, Hawaii Revised
12 Statutes.

13 (b) As part of its analysis and development of
14 recommendations, the Hawaii natural energy institute shall:

15 (1) Recommend regulatory or other state actions that will
16 ensure the attainment of the State's decarbonization
17 goals;



- 1 (2) Include measures to reduce emissions from electricity,
2 including accelerating the adoption of clean energy
3 and improving energy efficiency for residential,
4 commercial, and government users, dispatching
5 renewable energy as a consideration of priority on the
6 grid, eliminating curtailment, eliminating fossil fuel
7 imports and fossil fuel generation utilizing firm
8 renewable energy sources;
- 9 (3) Include land use and transportation planning measures
10 aimed at reducing emissions from the electricity and
11 transportation sector;
- 12 (4) Recommend state actions to address emissions
13 associated with air travel and shipping, including how
14 to encourage adoption of alternative fuels;
- 15 (5) Recommend best management practices in the
16 agricultural sector;
- 17 (6) Include long-term carbon sequestration and carbon
18 capture and utilization opportunities;
- 19 (7) Make recommendations to aid in the transition of the
20 state workforce to meet the needs of a decarbonized
21 economy;



1 (8) Consider impacts to environmental justice, frontline,
2 and low-income communities and make recommendations
3 for how to mitigate any impacts to these communities
4 and to facilitate a just transition to a decarbonized
5 economy;

6 (9) Determine the most cost-effective and reliable pathway
7 to decarbonization;

8 (10) Rank recommendations based on level of impact, cost,
9 and ease of implementation;

10 (11) Examine contributions of different carbon sources, how
11 each source can be reduced, what entities are
12 responsible for the reduction of each source, and how
13 each source factors into the determination of
14 statewide greenhouse gas reduction goals; and

15 (12) Include other relevant considerations as deemed
16 appropriate and necessary.

17 (c) In preparing the analysis, the Hawaii natural energy
18 institute shall consult and collaborate with other state
19 agencies, the counties, and relevant stakeholders and
20 organizations.



1 (d) The Hawaii natural energy institute shall submit a
2 report of its analysis and recommendations to the legislature no
3 later than twenty days prior to the convening of the regular
4 session of 2024.

5 SECTION 3. There is appropriated out of the energy
6 security special fund the sum of \$ or so much thereof
7 as may be necessary for fiscal year 2022-2023 for the Hawaii
8 natural energy institute to analyze pathways and develop
9 recommendations for achieving the State's economy-wide
10 decarbonization goals, as required pursuant to section 2 of this
11 Act; provided that the amount expended shall not count toward
12 any expenditure ceiling of the energy security special fund.

13 The sum appropriated shall be expended by the Hawaii
14 natural energy institute for the purposes of this part.

15 SECTION 4. This Act shall take effect on July 1, 2100.



Report Title:

Hawaii Natural Energy Institute; Pathway to Decarbonization;
Study; Energy Security Special Fund; Appropriation

Description:

Requires the Hawaii Natural Energy Institute to conduct a study to determine Hawaii's pathway to decarbonization and identify challenges, opportunities, and actions that will be needed to achieve those goals. Appropriates funds out of the Energy Security Special Fund for the study. Effective 7/1/2100. (SD1)

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