



GOV. MSG. NO. 1241

EXECUTIVE CHAMBERS
HONOLULU

DAVID Y. IGE
GOVERNOR

June 27, 2022

The Honorable Ronald D. Kouchi,
President
and Members of the Senate
Thirty-First State Legislature
State Capitol, Room 409
Honolulu, Hawai'i 96813

The Honorable Scott K. Saiki,
Speaker and Members of the
House of Representatives
Thirty-First State Legislature
State Capitol, Room 431
Honolulu, Hawai'i 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

This is to inform you that on June 27, 2022, the following bill was signed into law:

SB2283 SD2 HD1 CD1

RELATING TO THE HAWAII HYDROGEN
STRATEGIC PLAN.
ACT 140

Sincerely,

DAVID Y. IGE
Governor, State of Hawai'i

A BILL FOR AN ACT

RELATING TO THE HAWAII HYDROGEN STRATEGIC PLAN.

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

1 SECTION 1. (a) The Hawaii natural energy institute shall
2 conduct a study to examine the potential for the production and
3 use of renewable hydrogen in the State and the potential role of
4 renewable hydrogen in achieving a local, affordable, reliable,
5 and decarbonized energy system and economy. The study shall
6 consider:

7 (1) The feasibility of producing renewable hydrogen
8 locally;

9 (2) The power sources available for renewable hydrogen
10 production and their relative costs;

11 (3) Water usage needed for renewable hydrogen production;

12 (4) The feasibility of storing renewable hydrogen and the
13 safety considerations associated with renewable
14 hydrogen production and storage;

15 (5) Costs, benefits, and impacts compared to other fuel
16 sources;

17 (6) Potential end-user markets;



- 1 (7) Permitting and regulatory hurdles, including
- 2 infrastructure planning;
- 3 (8) Use cases in which hydrogen would provide the most
- 4 benefit, including considering power supply and
- 5 transportation sectors;
- 6 (9) The potential for locally produced renewable hydrogen
- 7 as an export commodity or other revenue generating
- 8 opportunity;
- 9 (10) The technical feasibility, economic viability, and
- 10 permitting requirements of local renewable hydrogen
- 11 compared to the importation and distribution of bulk
- 12 green hydrogen into the State from the United States
- 13 and other countries; and
- 14 (11) Other considerations deemed relevant and necessary.
- 15 (b) The results of the study shall be used to inform
- 16 energy planning, which may include a Hawaii hydrogen strategic
- 17 plan, decarbonization efforts, and other ongoing work being
- 18 undertaken by the Hawaii state energy office.
- 19 (c) For the purposes of this section, "renewable hydrogen"
- 20 means hydrogen produced entirely from renewable sources that



1 have lifecycle emissions of no more than fifty grams of carbon
2 dioxide per kilowatt hour.

3 SECTION 2. In conducting the study, the Hawaii natural
4 energy institute shall, as appropriate, consult with the
5 department of business, economic development, and tourism;
6 Hawaii state energy office; public utilities commission; or any
7 other applicable state or county agency. The Hawaii natural
8 energy institute shall further consult with electric and gas
9 utilities and other industry stakeholders, who are encouraged to
10 cooperate and provide information or input.


11 SECTION 3. The Hawaii natural energy institute shall
12 submit a report of its findings and recommendations, including
13 any proposed legislation, from the study to the legislature no
14 later than twenty days prior to the convening of the regular
15 session of 2024.

16 SECTION 4. This Act shall take effect upon its approval.



S.B. NO. 2283
S.D. 2
H.D. 1
C.D. 1

APPROVED this 27th day of June, 2022

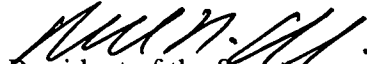
A handwritten signature in black ink, reading "David Ige". The signature is written in a cursive style with a large, sweeping "D" and "I".


GOVERNOR OF THE STATE OF HAWAII

THE SENATE OF THE STATE OF HAWAI‘I

Date: May 3, 2022
Honolulu, Hawaii 96813

We hereby certify that the foregoing Bill this day passed Final Reading in the Senate of the Thirty-First Legislature of the State of Hawai‘i, Regular Session of 2022.


President of the Senate


Clerk of the Senate

SB No. 2283, SD 2, HD 1, CD 1

THE HOUSE OF REPRESENTATIVES OF THE STATE OF HAWAII

Date: May 03, 2022
Honolulu, Hawaii

We hereby certify that the above-referenced Bill on this day passed Final Reading in the House of Representatives of the Thirty-First Legislature of the State of Hawaii, Regular Session of 2022.



Scott K. Saiki
Speaker
House of Representatives



Brian L. Takeshita
Chief Clerk
House of Representatives