

---

---

## A BILL FOR AN ACT

RELATING TO ENERGY USE.

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

1           SECTION 1. The Legislature finds that Part V, section 196-  
2 71, subsection (a) of Hawaii Revised Statutes established the  
3 Hawaii state energy office within the Department of Business and  
4 Economic Development. The Legislature further finds that the  
5 purpose of the Hawaii state energy office shall be to promote  
6 energy efficiency, renewable energy, and clean transportation to  
7 help achieve a resilient clean energy economy.

8           The Legislature additionally finds that much of the  
9 existing infrastructure is not being used efficiently nor  
10 effectively enough, in not providing space for different forms  
11 of renewable energy, specifically solar power. To prepare Hawaii  
12 to meet the social and economic demands of the twenty-first  
13 century, it is necessary to understand the amount, and type, of  
14 land necessary to support solar energy in order to meet the one  
15 hundred per cent renewable energy by 2045 goal agreed upon by  
16 the legislature.



1           The purpose of this act is to require the state energy  
2 office to conduct a study on the adequacy of land and surface  
3 use for solar energy.

4           SECTION 2. (a) The state energy office shall conduct a  
5 study on the adequacy and efficiency of the land and surface use  
6 for solar energy throughout the state.

7           (b) The study shall:

8           (1) Compare potential areas for Hawaii solar power  
9 infrastructure with the solar power infrastructure currently  
10 employed in states with similar renewable energy goals, and with  
11 similar climates;

12           (2) Seek information on parcels of land as small as one  
13 acre, rooftops with at least 3,200 square feet of useable space  
14 for future development of grid-scale solar, and community solar  
15 projects including, but not limited to, parking lots containing  
16 a minimum of ten stalls up to any parking lot designated for  
17 commercial use;

18           (3) Identify variables most closely associated with a high-  
19 quality solar infrastructure and estimate the amount of  
20 additional funding needed to provide all islands in Hawaii with  
21 an equal development opportunity;



1           (4) Assess the equity of funding for retrofitting current  
2 infrastructure with solar powered infrastructure throughout the  
3 state of Hawaii;

4           (c) The state energy office shall submit a copy of the study,  
5 along with a report of its findings and recommendations,  
6 including any proposed legislation, to the legislature no later  
7 than twenty days prior to the convening of the regular session  
8 of 2023.

9           SECTION 3. There is appropriated out of the general  
10 revenues of the State of Hawaii the sum of \$200,000 or so much  
11 thereof as may be necessary for fiscal year 2021-2022 for the  
12 Hawaii state energy office to perform a study on the  
13 maximization of land use for solar energy.  
14 The sum appropriated shall be expended by the state energy  
15 office for the purposes of this Act.

16           SECTION 4. Statutory material to be repealed is bracketed  
17 and stricken. New statutory material is underscored.

18           SECTION 5. This Act shall take effect upon its approval;  
19 provided that section 3 shall take effect on July 1, 2021.

20

21



# H.B. NO. 1371

INTRODUCED BY:

*Jan M. ...*

JAN 27 2021



# H.B. NO. 1371

**Report Title:**

Energy; Adequacy Study; Appropriation

**Description:**

Requires the state energy office to conduct a study the adequacy of renewable energy infrastructure in Hawaii. Appropriates funds.

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

