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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 a better  
2 understanding of geothermal resources and carbon sequestration  
3 potential across the State can have multiple benefits. Resource  
4 characterization via slim-hole bores, which have a diameter of  
5 seven inches or less for over ninety per cent of the depth of  
6 the bore, can identify geothermal and carbon sequestration  
7 resources across the State.

8           The legislature further finds that a statewide  
9 environmental assessment for a slim-hole resource  
10 characterization program should be conducted, along with robust  
11 and continued community engagement, in order to identify the  
12 most appropriate locations for this scientific activity.

13           The purpose of this Act is to require the Hawaii state  
14 energy office to conduct a statewide environmental assessment  
15 for, and subsequently administer, a slim-hole resource  
16 characterization program to identify geothermal and carbon  
17 sequestration resources in the State.



1 SECTION 2. Chapter 196, Hawaii Revised Statutes, is  
2 amended by adding a new section to part I to be appropriately  
3 designated and to read as follows:

4 "§196- Carbon sequestration and underground resource  
5 characterization program. (a) The Hawaii state energy office  
6 shall conduct a statewide environmental assessment for a slim-  
7 hole resource characterization program that identifies the  
8 location and characteristics of underground geothermal and  
9 carbon sequestration resources across the State. In accordance  
10 with the statewide environmental assessment, the Hawaii state  
11 energy office shall administer the slim-hole resource  
12 characterization program.

13 (b) Before and during the environmental assessment and  
14 slim-hole resource characterization program, the Hawaii state  
15 energy office shall engage with the counties and nearby  
16 communities, including individuals and civic organizations, in  
17 order to understand community needs, priorities, and concerns  
18 with regard to the program."

19 SECTION 3. The Hawaii state energy office shall submit a  
20 progress report to the legislature two years after the slim-hole  
21 resource characterization program has commenced and a final



1 report to the legislature at the conclusion of the program. The  
2 findings and reports shall be made available to the public in  
3 readily accessible formats, including commonly used mapping  
4 software.

5 SECTION 4. 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 2025-2026 and the same sum  
8 or so much thereof as may be necessary for fiscal year 2026-2027  
9 for the purposes of this Act.

10 The sums appropriated shall be expended by the Hawaii state  
11 energy office for the purposes of this Act.

12 SECTION 5. There is appropriated out of the general  
13 revenues of the State of Hawaii the sum of \$ or so  
14 much thereof as may be necessary for fiscal year 2025-2026 and  
15 the same sum or so much thereof as may be necessary for fiscal  
16 year 2026-2027 for one full-time equivalent (1.0 FTE) permanent  
17 position to support the activities of this Act.

18 The sums appropriated shall be expended by the Hawaii state  
19 energy office for the purposes of this Act.

20 SECTION 6. New statutory material is underscored.

21 SECTION 7. This Act shall take effect on July 1, 2025.



H.B. NO. 349

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INTRODUCED BY: Micole E. Lauer

JAN 16 2025



# H.B. NO. 349

**Report Title:**

Hawaii State Energy Office; Statewide Environmental Assessment;  
Slim-hole Resource Characterization; Appropriation

**Description:**

Requires the Hawaii State Energy Office to conduct a statewide environmental assessment for, and subsequently administer, a Slim-Hole Resource Characterization Program. Requires reports to the Legislature. 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.*

