

---

---

## A BILL FOR AN ACT

RELATING TO ENERGY.

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

1           SECTION 1. The legislature finds that in December 2022,  
2 the Lawrence Livermore National Laboratory announced that it had  
3 achieved fusion ignition, producing more energy from fusion than  
4 the laser energy used to initiate the ignition. The legislature  
5 recognizes that once fully realized as a source of power, fusion  
6 could allow the State to more efficiently meet the State's  
7 net-zero emission goals. The legislature notes that, unlike  
8 fission reactors, fusion reactors produce shorter-lived  
9 radioactive byproducts and are a safer and cleaner alternative  
10 to nuclear-powered fission reactors.

11           Accordingly, the purpose of this Act is to establish a  
12 future fusion task force to:

- 13           (1) Determine the feasibility of amending the Hawaii State  
14           Constitution to include provisions to allow for  
15           fusion-powered reactors;
- 16           (2) Evaluate potential sites that may be reserved for  
17           fusion reactors; and



1           (3) Identify ways for the State to accelerate the progress  
2                   of fusion development.

3           SECTION 2. (a) There is established within the Hawaii  
4 state energy office the future fusion task force.

5           (b) The task force shall:

6           (1) Determine the feasibility of amending the Hawaii State  
7                   Constitution to include provisions to allow for  
8                   fusion-powered reactors;

9           (2) Evaluate potential sites that may be reserved for  
10                  fusion reactors; and

11          (3) Identify ways for the State to accelerate the progress  
12                  of fusion development.

13          (c) The chief energy officer, or the chief energy  
14 officer's designee, shall:

15          (1) Serve as the chair of the task force; and

16          (2) Invite to serve as members of the task force  
17                  academics, scientists, and futurists having relevant  
18                  expertise.

19          (d) The task force shall submit a report of its findings  
20 and recommendations, including any proposed legislation, to the



# H.B. NO. 927

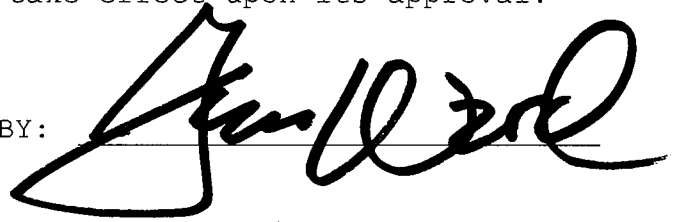
1 legislature no later than twenty days prior to the convening of  
2 the regular session of 2025.

3 (e) The task force shall cease to exist on June 30, 2025.

4 SECTION 3. This Act shall take effect upon its approval.

5

INTRODUCED BY:



JAN 23 2023



# H.B. NO. 927

**Report Title:**

Energy; Fusion; HSEO; Future Fusion Task Force

**Description:**

Establishes within the Hawaii State Energy Office the future fusion task force to promote the use of fusion as an energy source in the State.

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

