



# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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Testimony of  
**SCOTT J. GLENN, Chief Energy Officer**

before the  
**SENATE COMMITTEES ON  
ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM  
AND  
GOVERNMENT OPERATIONS**

Wednesday, March 16, 2022  
3:00 PM  
State Capitol, Conference Room 224 and Videoconference

**SUPPORT  
HB 1801 HD 1  
RELATING TO ENERGY EFFICIENCY.**

Chairs Wakai and Moriwaki, Vice Chairs Misalucha and Dela Cruz, and Members of the Committees, the Hawaii State Energy Office (HSEO) supports and proposes a modification to HB 1801, HD1, which requires and establishes deadlines for all state facilities, except for smaller facilities, to implement cost-effective energy efficiency measures; directs HSEO to collect utility bill and energy usage data for state-owned buildings and to make the data publicly available; establishes a goal of achieving at least a thirty percent reduction in electricity consumption of state facilities; provides that agencies that perform energy efficiency retrofitting may receive appropriations for such measures; and beginning 7/1/2023, requires, where feasible and cost-effective, the design of all new state building construction to maximize energy and water efficiency, maximize energy generation potential, and use building materials that reduce the carbon footprint of the project.

HSEO supports HB 1801, HD1, to maximize the near-term savings and long-term energy performance of state buildings. The objectives of energy efficiency, cost control, lower energy bills, and leading by example outlined in HB 1801, HD1, are consistent with the Chief Energy Officer's duties, set forth in Section [196-72](#) of the Hawai'i Revised Statutes, to "provide technical assistance to state and county agencies to assess and

implement projects and programs related to energy conservation and efficiency, renewable energy, clean transportation, energy resiliency, and related measures.”

HSEO agrees that energy efficiency is the most cost-effective way to reduce energy usage and works with state agencies in Hawai'i on facility benchmarking, energy audits, and energy savings performance contracts. HSEO has observed that there are always more, and sometimes new, energy savings and bill reduction opportunities.

HSEO also agrees that designing new state buildings to maximize energy and water efficiency, identifying energy generation potential, and using building materials that reduce the carbon footprint, where feasible and cost-effective, are in alignment with the State's clean energy and decarbonization goals.

HSEO is working closely with Hawai'i Energy and state agencies on an energy efficiency for state buildings project to assess and promote opportunities to reduce energy use. HSEO has consistently been measuring facility electricity reduction using 2005 as the baseline year. The use of 2005 as the baseline year is also consistent with the United States' baseline year for its commitment pursuant to the Paris Agreement, which Hawai'i committed to support and to “be aligned with” in Part I of [Act 32 of 2017](#).

Considering the above, HSEO recommends the following modification to HB 1801, HD1, on page 6, starting on line 6, to read:

“§196-\_\_ Reduction of electricity consumption of state facilities. It shall be the goal of the State to achieve at least a thirty per cent reduction in electricity consumption of state-owned facilities by 2030, using 2005 as the baseline year.”

Thank you for the opportunity to testify.