

HB-1333

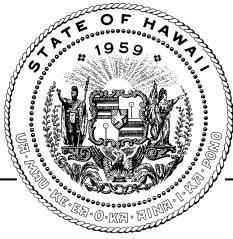
Submitted on: 2/5/2021 12:49:08 PM

Testimony for EEP on 2/9/2021 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ruta Jordans	Individual	Support	No

Comments:

Before we start getting more electric vehicles we need to work out how to reuse as much as possible and how to safely dispose of that which is not reusable. Please support.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

DAVID Y. IGE
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SCOTT J. GLENN
CHIEF ENERGY OFFICER

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Testimony of
SCOTT J. GLENN, Chief Energy Officer

before the
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Tuesday, February 9, 2021
9:00 AM
State Capitol, Conference Room 325

Comments in Consideration of
HB 1333
RELATING TO ENERGY.

Chair Lowen, Vice Chair Marten, and Members of the Committee, the Hawaii State Energy Office (HSEO) offers comments on HB 1333 which requires HSEO, in consultation with the Department of Health (DOH), to conduct a comprehensive study to determine best practices for disposal and recycling of discarded clean energy products in the State. HB 1333 also requires an interim report to the Legislature before the 2022 session and a final report to the Legislature before the 2023 session. HSEO appreciates the over-all concept of HB 1333 as it includes initiatives supportive of HSEO's goals and objectives, but HSEO acknowledges the cost implications generated by this proposal.

HSEO recognizes the need to conduct this analysis as earlier generation technologies are now passing their useful commercial lifetime and need to be disposed, including photovoltaic (PV) modules (commonly known as "PV panels"), solar thermal collectors (solar water heater panels), and batteries from electric vehicles. In addition, many new technologies are now being deployed that must be accounted for in the future when they are no longer useful, including batteries for PV systems. HSEO appreciates HB 1333 includes other clean energy materials expected to be discarded in the State in significant quantities, including glass, frames, wiring, inverters, and batteries.

DOH is proposing rule changes to the Hawai'i Administrative Rules (HAR), which regulate businesses that generate or handle hazardous wastes that would include new regulations on solar panels. Any such study approved by the Legislature would need to consider the proposed HAR.

HSEO believes it is important to collaborate with other stakeholders who have direct experience with this issue and could be involved in any implemented actions, including the solar industry and experts from the shipping, recycling, and waste management industries, and other pertinent stakeholders. There are many lessons to be learned from the European Union's progress in this area and the emerging industry in the United States.

A few states have recently considered or enacted legislation regarding solar panel disposal and recycling including California,¹ North Carolina,² and Washington.³

Thank you for the opportunity to testify.

¹ <https://dtsc.ca.gov/solarpanels/>

² <https://files.nc.gov/ncdeq/Waste%20Management/DWM/HW/Guidance%20Document%20table%20documents/Solar-Panel-Guidance.pdf>

³ <https://ecology.wa.gov/Waste-Toxics/Reducing-recycling-waste/Solar-panels>



February 7, 2021

COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Representative Nicole E. Lowen, Chair

Representative Lisa Marten, Vice Chair

DATE: February 9, 2021

TIME: 9:00 a.m.

PLACE: Via videoconference

RE: Testimony in support of HB1333 relating to Energy

Aloha Chair Lowen, Vice Chair Marten, and Members of the Committee,

Zero Waste Big Island (ZWBI) is a community group advocating for an equitably waste-free Hawai'i. We, members of the steering committee of ZWBI, are in support of HB1333. With renewable energies continuing to be on the rise, creating an end-of-life plan for these technologies is of utmost importance. As stated in the bill, heavy metals are found in solar panels that are harmful to environment if landfilled or disposed of incorrectly.

Mahalo to the legislators who introduced the bill. This is the foresight we need moving forward.

Zero Waste Big Island Steering Committee

Jennifer Navarra

Melody Euaparadorn

Monica Rott Stone

LATE *Testimony submitted late may not be considered by the Committee for decision making purposes.

HB-1333

Submitted on: 2/9/2021 8:50:25 AM

Testimony for EEP on 2/9/2021 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Maria Tome	Hawaii State Energy Office	Comments	No

Comments:

I am available for comments.