



DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR

**STATE OF HAWAII
OFFICE OF THE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS**

335 MERCHANT STREET, ROOM 310
P.O. BOX 541
HONOLULU, HAWAII 96809
Phone Number: 586-2850
Fax Number: 586-2856
cca.hawaii.gov

CATHERINE P. AWAKUNI COLÓN
DIRECTOR

JO ANN M. UCHIDA TAKEUCHI
DEPUTY DIRECTOR

Testimony of the Department of Commerce and Consumer Affairs

**Before the
House Committee on Energy & Environmental Protection
Tuesday, January 28, 2020
8:30 a.m.
State Capitol, Conference Room 325**

**On the following measure:
H.B. 1951, RELATING TO RENEWABLE ENERGY**

Chair Lowen and Members of the Committee:

My name is Dean Nishina, and I am the Executive Director of the Department of Commerce and Consumer Affairs' (Department) Division of Consumer Advocacy. The Department offers comments on this bill.

The purpose of this bill is to require electric utilities to compensate electricity producers for excess electricity credits.

While the Department appreciates the measure's intent to benefit net energy metering (NEM) customers, it notes that NEM was meant to be an introductory program that encouraged distributed energy system adoption and facilitated the development of a market for these technologies. That market is now clearly established, and Hawaii is a leader in the nation's adoption of distributed energy systems. Due to the evolution of the clean energy market and changes in the costs for distributed energy systems, many states, including Hawaii, have closed or modified NEM programs to mitigate concerns that NEM programs increasingly impact non-NEM customers adversely. In Hawaii, the

Public Utilities Commission (Commission) has approved the creation of successor distributed energy system programs, such as the fairly recent smart-export program. These recent programs seek to establish compensation rates that better match the value of the generation from distributed energy systems and the compensation offered for that generation.

In addition, the present expiration of excess kilowatt-hours after twelve months is meant to encourage NEM customers to work closely with their installers to avoid situations where they install systems that are larger than their usage needs. This limitation also addresses concerns that oversized systems might adversely affect other non-NEM customers by either resulting in larger bill increases or an inability for customers on the same circuit to install their own distributed energy systems.

Lastly, the Commission and other stakeholders have been developing new distributed energy programs that not only match the compensation to any generator, whether a grid-scale project or a rooftop system, with the value to the system at the time the energy is delivered to the grid, but that also benefit a greater subset of customers.

Thank you for the opportunity to testify on this bill.

TESTIMONY OF
JAMES P. GRIFFIN, Ph.D.
CHAIR, PUBLIC UTILITIES COMMISSION
STATE OF HAWAII

TO THE
HOUSE COMMITTEE ON
ENERGY AND ENVIRONMENTAL PROTECTION

January 28, 2020
8:30 a.m.

Chair Lowen and Members of the Committee:

MEASURE: H.B. No. 1951

TITLE: RELATING TO RENEWABLE ENERGY.

DESCRIPTION: Requires electric utilities to compensate electricity producers for excess electricity credits.

POSITION:

The Public Utilities Commission offers the following comments for consideration.

COMMENTS:

The Commission views incentives for renewable energy generation as important contributors toward the state's energy goals. However, the Commission notes that the changes proposed in this measure could conflict with the intent of the Net Energy Metering ("NEM") program.

Section 269-101, Hawaii Revised Statutes, specifies that an energy system used for Net Energy Metering should be "intended primarily to offset part or all of the customer's own electrical requirements." The NEM Program provides compensation for customer generation over a 12-month period, up to the amount of electricity purchased by that customer in the same timeframe. Providing compensation for customer exports in excess of their purchases over a 12-month period was not contemplated in the original legislation establishing the program. Instead, customers who wish to sell electricity back to utility in excess of their purchases may utilize alternative programs, including the Schedule Q tariff, or by negotiating a power purchase agreement directly with the utility.

H.B. No. 1951
Page 2

Thank you for the opportunity to testify on this measure.

HB-1951

Submitted on: 1/27/2020 8:42:20 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Devyn	350 Hawaii	Support	No

Comments:

To: The House Committee on Energy & Environmental Protection

From: Devyn

Date: Tuesday, January 28, 2020, 8:30 am

LATE

In strong support of HB 1951

Dear Chair Lowen, Vice Chair Wildberger, and members:

I strongly support HB 1951.

The more rooftop solar we have, the sooner Hawaii will truly emit zero greenhouse gases. Distributed solar generation is among our strongest tools for reducing emissions.

Most consumers in Hawaiian Electric Industries' various Net Energy Metering programs have rooftop photovoltaic panels. If the panels produce more power than their house uses, the excess is sent back to the utility, and the consumer gets a credit toward their next bill. But at year's end, any remaining credit is erased.

This is fundamentally unfair, and robs consumers of credit they have earned fairly. There's no reason why HECO, MECO and HELCO should get to keep this credit just because a certain date has passed.

This practice has been in place for years, gifting utilities untold amounts of money that rightfully belongs to the consumers who paid to put PV on their roofs.

HB 1951 would correct this injustice by maintaining consumers' balance of excess energy credit regardless of any artificial 12-month period. Consumers agreed to this arrangement because they had no other choice for rooftop PV.

Giving homeowners credit for all the energy their systems produce will encourage homeowners to install rooftop solar panels, and increase their existing solar panels.

HB 1951 would be even more just if it required compensation for the enormous amount of excess energy credits that HEI has retained from all of its NEM customers in all the years of NEM programs. HEI will of course oppose HB 1951. They are a monopoly. They have no case. But should this bill not pass, there could be support for legal action in this direction.

HB 1951 corrects an abuse of consumers that HEI has exploited for many years, with tens of thousands of customers who have spent significant amounts of their own money to reduce carbon emissions. It needs to pass.

Devyn

HB-1951

Submitted on: 1/28/2020 4:33:23 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brodie Lockard	350Hawaii.org	Support	No

Comments:

LATE



**Hawaiian
Electric**

**TESTIMONY BEFORE COMMITTEE ON
ENERGY AND ENVIRONMENTAL PROTECTION**

HB 1951

**Relating to Net Energy Metering; Electric Utilities;
Net Electricity Producers; Compensation**

January 28, 2020
8:30 am Agenda #6
State Capitol, Conference Room 325

Kaiulani Shinsato
Director, Customer Energy Resources Programs
Hawaiian Electric

Chair Lowen, Vice-Chair Wildberger and Members of the Committee,

My name is Kaiulani Shinsato and I am testifying on behalf of Hawaiian Electric Company, Inc. in **opposition** to HB 1951.

HB 1951 proposes to amend the Net Energy Metering (NEM) statute to require electric utilities to compensate NEM customers for excess electricity credits. While we agree with the intent behind the bill -- to incentivize customers to install rooftop solar -- we have multiple concerns with the bill.

The bill is narrowly focused on expanding compensation to NEM customers who are already heavily subsidized by customers without rooftop solar. Currently, NEM customers with rooftop solar are able to lower their bills to a point where they are not fairly contributing to the fixed costs of operating the electric grid, even though they depend on electric grid, often daily, to take their electricity production when they are not using it and to serve their electricity needs when their system is not producing. These costs are then passed on to customers who do not have rooftop solar, including those who live in condos, have fixed incomes, and cannot afford to have rooftop solar. In 2018, annual fixed costs avoided by NEM and subsidized by other customers totaled over \$90 million. This is not fair or sustainable.

We plan on working with stakeholders to address this equity issue in the Public Utilities Commission's new Distributed Energy Resources proceeding, Docket No. 2019-0323. Unless and until this is fixed, HB 1951 would exacerbate an existing fairness issue to the detriment of non-NEM customers.

Moreover, providing compensation for excess generation after the 12-month reconciliation period would increase costs to non-NEM customers as it would result in Hawaiian Electric purchasing electricity at the prevailing retail rate that could otherwise be procured from less expensive distributed energy programs and grid scale solar and wind providers. Diversity of resources like these will be critical to cost-effectively and realistically achieving the State's 100% clean energy goal by 2045.

Through our Integrated Grid Planning (IGP) process, we have already initiated a very robust, stakeholder-driven planning process to determine the right amount of cost-effective resources based on grid needs. Volume, timing and location of energy we purchase is important and needs to be determined based on grid needs identified through this process. In other words, customers should not be forced to pay for what NEM customers produce if it is not needed or cost-effective. Hawaiian Electric strives to only purchase what the grid needs because all other customers are paying for it. We are not opposed to paying for excess energy produced by NEM customers, but we need to procure it at our option based on grid needs defined by the IGP process and at competitive market prices to ensure cost-effectiveness.

In addition, we oppose House Bill 1951 because it would be inconsistent with a fundamental premise upon which net energy metering is based, which is to encourage the "right-sizing" of customers' energy generating systems to be used primarily to offset part or all of the customer's own electrical requirements. As an offsetting program, NEM was not intended to compensate customers for all of their exported generation, such as through a Feed-In Tariff.

Finally, because compensating NEM customers for excess generation may likely lead customers to over-size their systems, this bill can lead to the unintended consequence of reducing grid access opportunities for other customers who do not currently own renewable energy systems but who may choose to in the future.

For all of these reasons, Hawaiian Electric opposes HB 1951. Thank you for this opportunity to testify.

HB-1951

Submitted on: 1/27/2020 11:27:39 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	350Hawaii.org	Support	No

Comments:



P.O. Box 37158, Honolulu, Hawai`i 96837-0158
Phone: 927-0709 henry.lifeoftheland@gmail.com

COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Rep. Nicole E. Lowen, Chair

Rep. Tina Wildberger, Vice Chair

DATE: Tuesday, January 28, 2020

TIME: 8:30AM

PLACE: Conference Room 325

HB 1951 RELATING TO RENEWABLE ENERGY

Concerns

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

Life of the Land is Hawai`i's own energy, environmental and community action group advocating for the people and `aina for 49 years. Our mission is to preserve and protect the life of the land through sound energy and land use policies and to promote open government through research, education, advocacy and, when necessary, litigation.

Life of the Land strongly supports expanding rooftop solar. There are serious technical issues that must be addressed, but they can be overcome. Hawai`i needs a robust solar industry. However, we have concerns with this bill.

Net Energy Metering (NEM) is a process whereby electricity is traded with the utility. There is no sale. NEM is authorized under federal law.

16 U.S. Code § 2621: “Each electric utility shall make available upon request net metering service to any electric consumer that the electric utility serves. For purposes of this paragraph, the term “net metering service” means service to an electric consumer under which electric energy generated by that electric consumer from an eligible on-site generating facility and delivered to the local distribution facilities may be used to **offset electric energy** provided by the electric utility to the electric consumer during the **applicable billing period.**”

To require the utility to buy excess power switches the customer from a NEM to a PPA.

A Power Purchase Agreement (PPA) is a sale of electricity by a third party to the utility. Any existing NEM customer could negotiate to convert their NEM to a PPA or similar program.

There are key differences between NEM and PPA. Under the current NEM system, new rooftop solar systems can curtail existing, contracted, utility-scale systems since NEM customers are not curtailed while PPAs operate under a first come last curtailed protocol. Thus, this proposed law could impact existing PPAs. There are also price differences between NEM and PPAs.

There are already alternative solutions. For example, the HECO Companies offer Smart Export that “allows customers to charge their batteries during the day and sell the electricity to the utility during the evening and night.”

Mahalo,

Henry Curtis
Executive Director

HB-1951

Submitted on: 1/26/2020 10:14:12 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Judith A Mick	Individual	Support	No

Comments:

HB-1951

Submitted on: 1/27/2020 5:30:50 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lynn Aaberg	Individual	Support	No

Comments:

This is very important to help incentivize roof top solar AND to fairly compensate homeowners. Currently, if I produce more than I use in one month, but less, the next, I can't use those previous month credits. Please do not let the electric company's profit motives keep Hawai'i from doing all it can for the climate emergency.

HB-1951

Submitted on: 1/26/2020 10:15:29 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Zoe Malia Ozoa Loos	Individual	Support	Yes

Comments:

Anything and everything needs to be done in order to take protect our aina, our keiki, our community during the climate crisis. We must do what it takes, we must lead the way as an island nation that will deal with more problems than the mainland. Problems that only an island nation will have to deal with. There should be no reason for me or anyone to convince legislators to enact laws that will fight to protect the land and do what needs to be done in order to help alleviate and reverse what is happening in our Aloha State.

Mahalo for all the work you have been doing and will be doing, I full-heartedly support all legislation that will work towards climate justice.

HB-1951

Submitted on: 1/27/2020 9:02:30 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Peg Sullivan-Miller	Individual	Support	No

Comments:

HB-1951

Submitted on: 1/27/2020 4:32:01 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanea Lo	Individual	Support	No

Comments:

Hello,

My name is Nanea Lo and I am a lifelong resident and kanaka maoli (Native Hawaiian) of this land. I am writing to say I fully support this bill and I'm asking for you all to do the same.

Me ke aloha 'Ä• ina,

Nanea Lo

HB-1951

Submitted on: 1/27/2020 8:27:07 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Noel Morin	Individual	Support	No

Comments:

Aloha,

It makes tremendous sense to reenable Net Metering, what I believe is proposed here. We should link this to our collective ability to wisely leverage the 'excess' energy and not rely on curtailment as a strategy to deal with excess production. Our ability to enable cheaper energy prices for our residents and business entities can help boost our economy, create and sustain new industries, and better the quality of life for all.

It will be good to see this bill and any related to managing curtailment and stimulating new industries, e.g., lower energy for farming and renewable energy (biofuels, hydrogen) to be supported.

Thanks,

Noel Morin - Hilo

808 987 7428

HB-1951

Submitted on: 1/27/2020 12:35:28 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Louis Herman	Individual	Support	No

Comments:

Please pass this!

HB-1951

Submitted on: 1/26/2020 10:16:43 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Nix	Individual	Support	No

Comments:

A;oha all,

Please support HB1844 and lead us into the future away from toxic exposure and away from a dying planet. Support increasing good paying jobs and let us all benefit from doing the right thing,

Mahalo,

Dr. John and Debra Nix

Kihei

HB-1951

Submitted on: 1/26/2020 10:56:02 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joy Silver	Individual	Support	No

Comments:

HB-1951

Submitted on: 1/27/2020 11:15:15 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
janice palma-glennie	Individual	Support	No

Comments:

please support this measure which will supports wise efforts to prevent Climate Crisis.

mahalo and sincerely,

janice palma-glennie

kailua-kona

HB-1951

Submitted on: 1/27/2020 1:19:28 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jesse Brown-Clay	Individual	Support	No

Comments:

HB-1951

Submitted on: 1/27/2020 1:46:49 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Boyne	Individual	Support	No

Comments:

I support HB 1951.

HB-1951

Submitted on: 1/27/2020 2:52:12 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Charles K. Burrows	Individual	Support	No

Comments:

Strong support of HB1951

To:

Chair Nicole E. Lowen

Vice Chair Tina Wildberger

EEP Committee members

Hello, my name is Kalani and I'm in **support** of HB1951.

When I originally got solar panels, HECO give us credit for any extra electricity we contribute to the electrical grid. That has since changed. Now we pay more for contributing more electricity to HECO. Our solar panels help to provide extra electricity for the homes that don't have solar panels at no cost to HECO.

Giving credit incentives for people with solar panels to use less electricity is a very effective way to promote green living. Solar is a renewable source of electricity that should be placed on everyone's roof.

The cost of our solar panels is already expensive, and it also benefits HECO since they will use less fossil fuels to generate power for the island. We are not asking for cash payments, just credit towards any electrical bills we may incur in the future. As long as our solar panels are working, we will never really need to use additional power from HECO but it would be nice if our financial sacrifices to buy solar panels and contributions to the environment are acknowledge and recorded in the form of credit.

Aloha!
Kalani.

Strong support of HB1951

Chair Nicole E. Lowen
Vice Chair Tina Wildberger
EEP Committee members

Hello, my name is Stephanie Alana and I'm **in VERY VERY VERY STRONG SUPPORT of HB1951.**

It is only fair that HECO give us credit for any extra electricity we contribute to the electrical grid. Our solar panels help to provide extra electricity for the homes that don't have solar panels at no cost to HECO.

Giving credit incentives for people with solar panels to use less electricity is a very effective way to promote green living. Solar is a renewable source of electricity that should be placed on everyone's roof.

The cost of our solar panels is already expensive, and it also benefits HECO since they will use less fossil fuels to generate power for the island. We are not asking for cash payments, just credit towards any electrical bills we may incur in the future.

As long as our solar panels are working, we will never really need to use additional power from HECO but it would be nice if our financial sacrifices to buy solar panels and contributions to the environment are acknowledge and recorded in the form of credit.

Thank you for your consideration and service to our island.
Sincerely Stephanie.

HB-1951

Submitted on: 1/27/2020 5:05:08 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Fiona Mata	Individual	Support	No

Comments:

LATE

Testimony in Support of HB1951

Chair: Rep. Nicole E. Lowen

Vice Chair: Rep. Tina Wildberger

Energy & Environmental Protection Committee Members

Dear Representative Lowen,

I am a current high school junior in Hawai'i who is very concerned about our current climate crisis. Therefore, I have been looking towards sustainable and renewable energy sources. I am in support of this bill not only because it would allow solar panel owners to be compensated for the energy that they generate and contribute, but also because it would encourage more people to switch to solar and to install solar panels on their houses.

I believe that by having Hawaiian Electric give back to the people that help them power this island sustainably, we would be able to have more people install solar panels, which is a great benefit to our islands. They have done it before, so they can do it again.

Thank you for your time and I look forward to seeing HB1951 passed.

Sincerely,

Fiona Mata

HB-1951

Submitted on: 1/27/2020 5:15:24 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Eduard Rivera	Individual	Support	No

Comments:

Dear Representative Lowen,

I'm writing a testimony in support of this bill because I have solar panels myself and I would love to get the credit I deserve for helping contribute to a more sustainable Hawai'i. There was a time when HECO did compensate us for extra solar credits, but for some reason they stopped so it would be great if they brought it back.

The price of installing solar panels is, as you may know, already very high, so a lot of people are discouraged to get it. But the electricity that we solar panel users generate is used by HECO and it would be great to get compensation for extra credits from them too.

Mahalo for your time,

Eduard Rivera

Name: Grace J. Xia
Bill: Testimony in support of HB1951
Date: Tuesday, January 28, 2020 - 8:30AM
Place: Conference Room 325

Aloha Rep. Nicole E. Lowen, Chair of EEP
Vice Chair Tina Wildberger and EEP Committee members

Hello, my name is Grace J. Xia and I'm in STRONG SUPPORT of HB1951.

The State should meet its goal of energy independence through renewable energy. Homeowners install solar panels to produce and become user-producers of solar energy. This bill would require electric utilities to pay home owners for the excess electricity they put into the grid. This is fair as the home owner has to pay for and install the solar panels and it would encourage greater use of renewable energy in Hawaii.

Giving cash credit incentives for people with solar panels to use less electricity is a very effective way to promote green living. Solar is a renewable source of electricity that could be placed on everyone's roof so there are a large number of people who could contribute the mix of electricity.

The cost of our solar panels is already expensive, and it also benefits utility companies like HECO since they will use less fossil fuels to generate power for the island. We are asking for cash payments or credit towards any electrical bills we may incur in the future. As long as our solar panels are working, we will never really need to use additional power from HECO but it would be nice if our financial sacrifices to buy solar panels and contributions to the environment are acknowledge and recorded in the form of cash or credit.

Thank you for your consideration
and service to our island.

Sincerely,

Grace J. Xia



LATE

HB-1951

Submitted on: 1/27/2020 8:41:01 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John NAYLOR	Individual	Support	No

Comments:

LATE

LATE

HB-1951

Submitted on: 1/27/2020 8:35:50 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Bradford Baang	Individual	Support	No

Comments:

Dear Chair Lowen, Vice Chair Wildberger, and members:

I strongly support HB 1951 as I am a PV customer/consumer of HECO.

The more rooftop solar we have, the sooner Hawaii will truly emit zero greenhouse gases. Distributed solar generation is among our strongest tools for reducing emissions.

I am a consumer in Hawaiian Electric Industries' various Net Energy Metering programs have rooftop photovoltaic panels. If the panels produce more power than their house uses, the excess is sent back to the utility, and the consumer gets a credit toward their next bill. But at year's end, any remaining credit is erased.

This is fundamentally unfair, and robs consumers of credit they have earned fairly. There's no reason why HECO, MECO and HELCO should get to keep this credit just because a certain date has passed.

This practice has been in place for years, gifting utilities untold amounts of money that rightfully belongs to the consumers who paid to put PV on their roofs.

HB 1951 would correct this injustice by maintaining consumers' balance of excess energy credit regardless of any artificial 12-month period. Consumers agreed to this arrangement because they had no other choice for rooftop PV.

Giving homeowners credit for all the energy their systems produce will encourage homeowners to install rooftop solar panels, and increase their existing solar panels.

HB 1951 would be even more just if it required compensation for the enormous amount of excess energy credits that HEI has retained from all of its NEM customers in all the years of NEM programs. HEI will of course oppose HB 1951. They are a monopoly. They have no case. But should this bill not pass, there could be support for legal action in this direction.

HB 1951 corrects an abuse of consumers that HEI has exploited for many years, with tens of thousands of customers who have spent significant amounts of their own money to reduce carbon emissions. It needs to pass.

Sincerely,

Brad Baang, Waianae, HI 96792

HB-1951

Submitted on: 1/27/2020 5:22:22 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lexie campos	Individual	Support	No

Comments:

To Representative Lowen,

I'm a junior in high school, and my friends and I are really passionate about renewable energy. I'm in support of this bill because it deals with renewable energy and proper compensation for it. I know that not everyone is able to get solar panels because they're expensive, but I think this bill would be great to encourage more people to switch to solar. I hope to see this become a law.

Thank you,

Lexie Campos

LATE

HB-1951

Submitted on: 1/27/2020 8:25:41 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Carolynn Bell-Tuttle	Individual	Support	No

Comments:

LATE

HB-1951

Submitted on: 1/27/2020 7:21:08 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Koohan Paik	Individual	Support	No

Comments:

LATE

HB-1951

Submitted on: 1/27/2020 6:26:34 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Caroline Kunitake	Individual	Support	No

Comments:

Please support HB1951.

Mahalo,

Caroline Kunitake

LATE

HB-1951

Submitted on: 1/27/2020 9:08:23 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Grandinetti	Individual	Support	No

Comments:

LATE

HB-1951

Submitted on: 1/27/2020 7:10:54 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Matthew Geyer	Individual	Support	Yes

Comments:

These small incremental changes are important, but we need to do so much more to fight climate change in order to leave a decent world for our children to thrive in.

LATE

HB-1951

Submitted on: 1/28/2020 7:51:05 AM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Gwendellyn Cruise	Individual	Support	No

Comments:

I strongly support HB 1951. I am a homeowner with PV and also a landlord of a house with PV. When I read this bill I was excited because for years I just couldn't believe that the State has allowed HECO to use our electricity surplus for free. Not only is this a fundamentally unfair process, but it also does not encourage healthy conservation habits. It makes people want to use as much electricity as they can before the start of the new year. Please pass HB 1951 - it will encourage people to conserve (and therefore it is better for the planet) and it will right a fundamental wrong. Thank you.

LATE

LATE

HB-1951

Submitted on: 1/28/2020 10:26:28 AM
Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
donald erway	Individual	Support	No

Comments:

The GEMS program was a great idea for offering accessible, affordable, cost-effective green infrastructure financing options to customers. The building energy efficiency revolving loan fund went far in helping low-income residents borrow from the State to make energy efficiency improvements to buildings. But they've had limits.

- * These programs suffered from inefficient bond financing.
- * Because it's expended annually, a revolving loan fund will improve these flaws.

LATE

LATE

HB-1951

Submitted on: 1/28/2020 11:36:47 AM
Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Hershey	Individual	Support	No

Comments:

LATE

LATE

HB-1951

Submitted on: 1/28/2020 3:11:17 PM
Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Malachy Grange	Individual	Support	No

Comments:

I support this important 'Green Bill'. You should too. Think of future generations.

LATE

LATE

HB-1951

Submitted on: 1/28/2020 4:06:12 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Phaethon Keeney	Individual	Support	No

Comments:

Strong SUPPORT for HB1951, utility companies should compensate electricity producers for excess electricity credits, it's only fair and will encourage homeowners to install rooftop solar.

Mahalo!

LATE

HB-1951

Submitted on: 1/28/2020 6:15:07 PM

Testimony for EEP on 1/28/2020 8:30:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Mark A. Koppel	Individual	Support	No

Comments:

CRUCIAL FOR HAWAII

HU HONUA IN PEPEEKEO MUST BE STOPPED NOW!

CHOPPING DOWN TREES IS NOT RENEWABLE ENERGY. IT'S A LIE.

LATE