



DAVID Y. IGE
GOVERNOR

GWEN S. YAMAMOTO LAU
EXECUTIVE DIRECTOR

HAWAII GREEN INFRASTRUCTURE AUTHORITY

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Testimony of Gwen Yamamoto Lau
Executive Director

Hawaii Green Infrastructure Authority
before the

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Tuesday, March 13, 2018 at 8:30 A.M.

State Capitol, Conference Room 325

in consideration of

SENATE BILL NO. 2752,SD2
RELATING TO ENERGY EFFICIENCY

Chair Lee, Vice Chair Lowen and Members of the Energy & Environmental Protection
Committee:

Thank you for the opportunity to testify and provide comments on Senate Bill 2752, SD2, relating to energy efficiency. This bill proposes to create a sub-fund under the umbrella of the Green Energy Market Securitization (“GEMS”) loan fund and convert an unspecified amount into a revolving line of credit available for any state agency or department to obtain low-cost financing to install energy efficiency measures. As the Legislature’s intent of the GEMS fund was to be available for the underserved (i.e. low and moderate-income homeowners, renters and nonprofits) and as the Hawaii Public Utilities Commission’s Order no. 32318 requires that at least 51% of the GEMS funds benefit said underserved, if approved, the Department of Education’s existing \$46.4 million loan should be included in the sub-fund and the revolving line should be limited to \$50.0 million. The Hawaii Green Infrastructure Authority **strongly supports** this bill.

Using the expected benefits of the GEMS loan provided to the Department of Education (“DOE”) as a benchmark, the long-term impact of this financing mechanism is meaningful and measurable. Additionally, while, according to the *State of Hawaii Energy Efficiency Potential Study: Project 1448*, the DOE was the second largest consumer of electricity in the State, there are a number of other state agencies and departments that would benefit from a similar financing arrangement.

Reducing energy consumption and energy costs in state buildings would significantly and positively contribute to the achievement of Hawaii’s energy efficiency portfolio standard (“EEPS”) goals, while reducing and controlling costs for Hawaii’s taxpayers.

Thank you for this opportunity to testify and offer support and comments for SB 2752,SD2.



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

DAVID Y. IGE
GOVERNOR

LUIS P. SALAVERIA
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

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Statement of
LUIS P. SALAVERIA
Director
Department of Business, Economic Development and Tourism
before the
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Tuesday, March 13, 2018
8:30 a.m.

State Capitol, Conference Room 325

in consideration of
SB2752, SD2
RELATING TO ENERGY EFFICIENCY.

Chair Lee, Vice Chair Lowen, and Members of the Committees.

The Department of Business, Economic Development, and Tourism (DBEDT) supports SB2752, SD2, with the objective of creating a sub-fund under the umbrella of the Green Energy Market Securitization (GEMS) Loan Fund and converting an unspecified amount of the [GEMS] fund into a revolving line of credit providing any state agency or department access to low-cost financing to install energy efficiency measures on an on-going basis.

This bill will provide all State agencies the opportunity to deploy cost-effective energy efficiency that both decreases utility bill expenses for the State and assists with meeting the State's energy efficiency goals.

Thank you for the opportunity to offer these comments in support of SB2752, SD2.

SB-2752-SD-2

Submitted on: 3/11/2018 8:46:44 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	OCC Legislative Priorities Committee, Democratic Party of Hawai'i	Support	No

Comments:

PRESENTATION OF THE
OAHU COUNTY COMMITTEE ON LEGISLATIVE PRIORITIES
DEMOCRATIC PARTY OF HAWAII
TO THE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
THE HOUSE OF REPRESENTATIVES
TWENTY-NINTH LEGISLATURE
REGULAR SESSION OF 2018

Tuesday, March 13, 2018

8:30 p.m.

Hawaii State Capitol, Conference Room 325

RE: Testimony in Support of **SB2752 SD2**, RELATING TO ENERGY

To the Honorable Chris Lee, Chair; the Honorable Nicole E. Lowen, Vice-Chair and Members of the Committee on Energy & Environmental Protection:

Good morning. My name is Melodie Aduja. I serve as Chair of the Oahu County Committee ("OCC") Legislative Priorities Committee of the Democratic Party of Hawaii. Thank you for the opportunity to provide written testimony on **SB2752 SD2**, regarding the Green Energy Market Securitization; Energy Efficiency; and an appropriation.

The OCC Legislative Priorities Committee is in favor of **SB2752 SD2** and supports its passage.

SB2752 SD2 is in accord with the Platform of the Democratic Party of Hawai'i ("DPH"), 2016, as it creates a revolving line of credit sub-fund of an unspecified amount under the umbrella of the Hawaii green infrastructure special fund for any state agency or department to finance cost-effective energy-efficiency measures.

Specifically, the DPH Platform provides that "[w]e seek to achieve energy sustainability based on renewable energy sources. We must encourage the use of clean alternative fuel sources to include our public transportation systems. . . . We must also urgently develop the use of a variety of cost-effective energy providing systems, encourage transit-oriented development, and support tax incentives that encourage renewable energy initiatives.

We oppose any tax breaks to fossil fuel industries.

We support energy independence, self-sufficiency, affordability and reliability for Hawai'i through the development of renewable alternative energy sources. Specifically, we need to support policies that foster the development of energy production methods that de-emphasize carbon based fuels and promote renewable sources such as wind, solar, wave, geothermal and Ocean Thermal Energy Conversion (OTEC).

Electricity rates in Hawaii are among the highest in the nation despite the fact that we enjoy an abundance of sunshine year round. Electric utility companies and cooperatives must open the grid to alternative power sources including solar panels and geothermal energy. We support the effort of our government officials to require utilities to provide for the maximum, comprehensive, integrated use of renewable energy and associated technologies such as storage and smart grid technologies. (Platform of the DPH, P. 7, Lines 443-444, 446-462 (2016)).

Given that **SB2752 SD2** creates a revolving line of credit sub-fund of an unspecified amount under the umbrella of the Hawaii green infrastructure special fund for any state agency or department to finance cost-effective energy-efficiency measures, it is the position of the OCC Legislative Priorities Committee to support this measure.

Thank you very much for your kind consideration.

Sincerely yours,

/s/ Melodie Aduja

Melodie Aduja, Chair, OCC Legislative Priorities Committee

Email: legislativepriorities@gmail.com, Text/Tel.: (808) 258-8889



Email: communications@ulupono.com

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Tuesday, March 13, 2018 — 8:30 a.m. — Room 325

Ulupono Initiative Supports SB 2752 SD 2, Relating to Energy Efficiency

Dear Chair Lee, Vice Chair Lowen, and Members of the Committee:

My name is Murray Clay and I am Managing Partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and better management of waste and fresh water. Ulupono believes that self-sufficiency is essential to our future prosperity and will help shape a future where economic progress and mission-focused impact can work hand in hand.

Ulupono supports SB 2752 SD 2, which creates a revolving line of credit sub-fund for state government agencies under the green energy market securitization (GEMS) loan fund, because it aligns with our goal of increasing the production of clean, renewable energy in Hawai'i.

Ulupono believes this bill will help deploy GEMS funds faster as now state departments will be able to qualify for financing its internal energy efficiency projects. This could further provide additional flexibility for GEMS, one of the key issues that the GEMS program has encountered in its brief existence.

Ulupono is also supportive of this bill and will remain so as long as the GEMS funds are deployed as originally intended – with a payback structure – to help continuously replenish the fund and adhere to standard business practices.

As Hawai'i's energy issues become more complex and challenging, we appreciate this committee's efforts to look at policies that support renewable energy production.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay

Investing in a Sustainable Hawai'i

Managing Partner



ORGANIZING *for* ACTION

To: The House Committee on Energy & Environmental Protection
From: Brodie Lockard, OFA Hawaii Climate Lead, 808-262-1285
Date: Tuesday, March 13, 2018

In strong support of SB 2752 SD2

Dear Chair Lee, Vice Chair Lowen and Committee members,

I am the Hawaii Climate Lead for Organizing for Action, a progressive group that played a lead in electing President Barack Obama twice. Organizing for Action strongly supports SB2752 SD2.

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow.

Thank you for the opportunity to testify.

Brodie Lockard
Hawaii Climate Lead, Organizing for Action



Testimony in support of SB2752 SD2

HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

Hearing Tuesday, March 13, 2018 8:30 a.m.

Aloha Chair Lee, Vice-Chair Lowen and committee members,

Please support SB2752 SD2.

This Bill allows us to benefit more from the GEMS initiative which was a great idea, but due to delays in implementation has become a waste of tax payer dollars in the form of interest payments. By having this fund used for energy efficiency by government agencies that are large consumers in our State, it can be put to use quickly and with great impact on our overall fossil fuel use. As a loan that will be repaid, we preserve the resource to be used continually over time.

Mahalo,

A handwritten signature in black ink that reads 'Lisa Marten'.

Dr. Lisa Marten

Executive Director

Healthy Climate Communities

healthyclimate@hawaii.rr.com

TAX FOUNDATION OF HAWAII

126 Queen Street, Suite 304

Honolulu, Hawaii 96813 Tel. 536-4587

SUBJECT: MISCELLANEOUS, Establish GEMS Sub-Fund to Loan to State Agencies

BILL NUMBER: SB 2752, SD-2

INTRODUCED BY: Senate Committee on Ways & Means

EXECUTIVE SUMMARY: Creates a \$_____ revolving line of credit sub-fund under the umbrella of the Green Energy Market Securitization (GEMS) loan fund for any state agency or department to finance energy efficiency measures. If the GEMS program is to be allowed to live, it must be able to make loans at commercially reasonable rates at commercially reasonable terms. If loans are to be repaid out of reduced utility costs, what happens if the utility rates go up and the reduction in utility costs fails to materialize?

SYNOPSIS: Adds definitions of “energy efficiency measures,” “revolving line of credit,” and “sub-fund” to section 196-61, HRS.

Amends section 196-62, HRS, to allow the Hawaii Green Infrastructure Authority to make loans to government entities, and sets aside a \$_____ revolving fund to be used exclusively for this purpose.

Specifies that loans to government agencies shall be issued at an interest rate of 3.5% per annum, provided that the loans shall not adversely affect the sustainability of the sub-fund or Hawaii green infrastructure special fund such that the replenishment of funds requires a higher interest rate in other financing agreements or an appropriation from the general fund.

EFFECTIVE DATE: July 1, 2050.

STAFF COMMENTS: This is an Administration-sponsored measure backed by the Department of Business, Economic Development, and Tourism, and designated BED-09 (18).

The Green Energy Market Securitization or GEMS program is a financing program that was supposed to provide loans at a low interest rate to finance alternative energy systems and other clean energy improvements for those, such as nonprofits and individuals with lower credit scores, who might not be able to get other kinds of financing. Governor Abercrombie signed the program into law, after which a 2014 bond issue raised \$150 million for the program.

Recently, in Order No. 34930, the Hawaii Public Utilities Commission (PUC) focused on how the GEMS program was coexisting with another ratepayer-funded program, which you may know as Hawaii Energy. That’s the same Hawaii Energy that sends you a little chart every month showing how your energy use compares against that of (1) your neighbors, and (2) your *energy efficient* neighbors.

Back in 2014, the PUC was asked to, and did, approve a Green Infrastructure Fee that went on everyone’s utility bill. For residents, it started at about \$1.50 per month and is now down to

\$1.18 after periodic readjustments. The \$150 million, after all, needs to be paid back with interest. The PUC noted that ratepayers were also paying a Public Benefits Fee of about \$5 a month to fund Hawaii Energy and it didn't want to whammy ratepayers again, so it directed that the PBF be reduced by the GIF...temporarily. The PUC made it clear that it wanted the shortfall in the PBF to be paid back. Quickly. So as not to disrupt the energy efficiency programs that Hawaii Energy was carrying out.

GEMS, however, wasn't accomplishing the lofty goals that were set for it. Of the \$150 million borrowed on the bond market, a measly 3%, or \$5 million, had been loaned out as of July 31, 2017. The 2017 legislature, by Act 57, SLH 2017, required GEMS to loan \$46.4 million to the Department of Education to cool the schools, but that wasn't helpful to GEMS because it also provided that the loan was to be at *zero interest*. Since its inception, GEMS administrative and program costs were nearly \$2.8 million, against revenues just shy of \$1 million. "If HGIA [the Hawaii Green Infrastructure Authority, which administers GEMS] does not collect loan repayments, with interest," the PUC said, it "in the long term, will be unable to support itself."

The PUC noted that Hawaii Energy claimed to have saved consumers over \$1 billion in energy bill savings to date, with every dollar of investment generating \$9 in benefits.

The PUC concluded that "HGIA has not demonstrated the ability to replenish the PBF," and that the prospects for GEMS repaying the revenue that it borrowed from the PBF are dim unless the PUC acts now. Therefore, it said, the dollars that GEMS gets from its loan repayments and such will be used to repay the PBF, starting *now*. And, these payments will be made *before* funding GEMS program administrative costs. Apparently, the GEMS staff had better get those green infrastructure loans deployed and get that interest coming in if they want to get paid.

What does this mean?

If you are a legislator, this is not just a wake-up call. The GEMS program has been a disaster from its inception, and the PUC has basically said that it expects the program to crash and burn. The program does not simply need polishing; it needs radical surgery if it is to survive. And, given the other pressing needs that our government faces, it may be that the correct decision is to cut our losses and scrap the program before the fallout from its death throes takes out other programs and agencies.

This bill, by walling off one-third of GEMS' funding for the exclusive use of state agencies, could be an opportunity – or another train wreck.

If GEMS is to be allowed to survive, it needs the ability to make its loans at commercially reasonable rates and terms. Section 1 of the bill specifies a 3.5% interest rate. GEMS needs to be given the freedom to negotiate commercially reasonable rates that are above the program's actual cost of capital. If it is not, the PUC, in pursuit of its fiduciary duties, may well enter even more restrictive orders that further hamstring the GEMS program.

We also recommend revisiting the "loan" appropriated to the Department of Education under Act 57, SLH 2017. GEMS must be able to charge a commercially reasonable interest rate, and must

Re: SB 2752, SD-2
Page 3

be able to make loans on commercially reasonable terms, to the Department of Education the same as any other state agency.

Digested 3/12/2018

SB-2752-SD-2

Submitted on: 3/10/2018 4:26:49 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Erica Scott	Individual	Support	No

Comments:

SB-2752-SD-2

Submitted on: 3/11/2018 6:31:44 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lois Crozer	Individual	Support	No

Comments:

SB-2752-SD-2

Submitted on: 3/11/2018 5:08:44 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

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

Comments:

Aloha,

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow.

Mahaol,

John

SB-2752-SD-2

Submitted on: 3/11/2018 6:38:48 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Patricia Blair	Individual	Support	No

Comments:

SB-2752-SD-2

Submitted on: 3/11/2018 7:45:34 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Meredith Buck	Individual	Support	No

Comments:

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow.

SB-2752-SD-2

Submitted on: 3/11/2018 10:35:11 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
tlaloc tokuda	Individual	Support	No

Comments:

I belong to 350HI and we try to assist policy makers to create bills that promote renewables, keep fossil fuels in the ground and try to make State Funds join the divestment movement so we support the following:

Technological development and R&D in PV, Wind generation, battery storage and driving prices down so that wind and PV are competitive with coal without all the environmental, social, health, poverty externalities. So we should try and implement the United Nations' Global Goals.

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow.

SB-2752-SD-2

Submitted on: 3/11/2018 10:54:12 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
tia pearson	Individual	Support	No

Comments:

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow

SB-2752-SD-2

Submitted on: 3/11/2018 11:45:56 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

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

Comments:

To Whom It May Concern:

My name is Nanea Lo and I am born and raised on these lands.

An amendment to include methane in a "greenhouse gas budget" would make this bill far more effective. I am writing in to say please SUPPORT this bill.

Methane is a global warming gas 84 times as potent as CO2 over a 20-year period[1]. About 25% of the manmade global warming we're experiencing today is caused by methane emissions. And the largest source of industrial methane emissions is the oil and gas industry[1]. Liquefied Natural Gas, for example (LNG), is 85 to 95% methane[2].

A science-based greenhouse gas budget would provide valuable quantification of acceptable carbon emissions as Hawaii strives for 100% clean energy.

In addition, individual carbon budgets for electricity generation, ground transportation, and marine, aviation, and industrial energy are sorely needed, especially as Hawaii emits far more greenhouse gases from marine and aviation sources than the average state.

[1] <https://www.edf.org/methane-other-important-greenhouse-gas>

[2] https://energy.gov/sites/prod/files/2013/04/f0/LNG_primerupd.pdf

Please SUPPORT this bill.

Thank you,

Nanea Lo

COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Rep. Chris Lee, Chair
Rep. Nicole E. Lowen, Vice Chair

Re: SB2752 SD2- RELATING TO ENERGY EFFICIENCY.

Tuesday, March 13, 2018 8:30 a.m., Conference Room 325

I am writing in **STRONG OPPOSITION** to SB2752 SD2, which would create a “sub-fund” revolving line of credit allowing taxpayer-supported state agencies or departments to raid the utility-customer-backed Green Energy Market Securitization (GEMS) loan program of an unidentified amount to install energy efficiency measures; this expense should be financed out of the state’s general fund.

- The GEMS lending program has been mismanaged and proven to be an unmitigated disaster since its inception.
- Because GEMS has been so wildly unsuccessful, the Legislature through Act 57, has already raided utility-customer-backed funds to “loan” the DOE \$46,400,000 **interest-free**; this expressly places a public expense obligation on utility customers who are already on the hook to repay the borrowed \$150,000,000 in bonds in the GEMS lending pool **with interest** through a non-by-passable monthly fee on everyone’s electric bill.
- The PUC recently noted the following deficiencies in Hawaii Green Infrastructure Authority (“HGIA” or the “Authority”) GEMS’ operations:¹
 - The Authority can’t seem to keep staff: the first lasted three months; the second less than eight months; and the third left after less than a year.
 - No local bank initially expressed interest in participating in HGIA’s residential PV loan product; the one that eventually did was replaced in less than four months by a second that, among other things, couldn’t navigate the time differences between Hawaii and Wisconsin and didn’t understand how trust properties worked, with the result that “83% of applications received during the first six months were declined or withdrawn.”²
 - Out of 43 applications for non-profit PV loans, exactly zero were issued “due to the design of the financing structure.”³

¹ PUC Order No. 34864, filed in Docket 2014-0135 on 10/12/2017 at 8-12.

² HGIA Motion to Suspend Program Notification and Modification Processes, filed 7/21/2017, at 15.

³ Order No. 34864 at 11.

- The Commercial Energy Efficiency Product suffered from a “disconnect”⁴ between a minimum project size requirement (\$1 million) and a GEMS requirement that it was limited to non-profits and small businesses.
- HGIA declined the single small business PV loan product it received.
- SB2752 does not meet the requirements of Section 37-52.3, HRS: there is no explanation why the proposed line of credit could not be more constitutionally implemented under the general fund appropriation process.
- That this bill attempts to portray state agencies as “underserved” and “hard to reach”, because they have chosen not to “invest in energy efficient improvements”, defies all reason and logic.⁵
- Finally, SB2752 imposes an interest rate of 3.5%, but there is no discussion regarding whether this reflects market rates or would be sufficient to cover the utility-customers’ ultimate obligation to repay the interest owed on GEMS-issued bonds and accompanying allocated administrative costs.

Really?

The Tax Foundation of Hawai`i has the correct solution: don’t make a bad situation worse. Kill this bill and then pull the plug on the taxpayer/utility-gouging GEMS program.⁶

Sally Kaye
511 Ilima Ave.
Lana`i City, HI 96763

⁴ *Id.* at 12.

⁵ SB2752 SD2: “Though government agencies were not named as underserved by the Hawaii public utilities commission in the [GEMS] program [,] state agencies constitute a significant component of energy consumption in Hawaii, [and] investment in energy efficiency improvements by government agencies has been limited. **[G]overnment agencies can be classified with those ratepayers who are considered hard-to-reach** with traditional market-competitive financing agreements, due to procurement limitations and the obligation to include contractual provisions that make the continuation of contracts contingent upon the allocation of funds.” (Emphasis added.)

⁶ <https://www.tfhawaii.org/wordpress/blog/2016/08/gems-as-a-target-for-raiding/> : “The GEMS program should be evaluated to determine whether there is a realistic need for this program, and if not figure out how to shut it down, return the remaining money in the fund back to the bondholders, stop the bleeding, and **take away the potential for raiding.**” (Emphasis added.)

SB-2752-SD-2

Submitted on: 3/12/2018 8:06:29 AM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Seena Clowser	Individual	Support	No

Comments:

SB-2752-SD-2

Submitted on: 3/12/2018 10:32:46 AM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
R. Kinslow	Individual	Support	No

Comments:

As one of the original supporting individuals who helped introduce Sen. Brian Schatz to GEMS, I believe this measure will dramatically increase energy efficiency adoption and implementation of programs across the state. The HGIA, under which this fund would reside, and innovatively led by Gwen Yamamoto Lau, once this measure is passed will have within it's purview the scope and scale to fund much needed renewable and energy efficient programs across the state. Such a green revolving fund (GRF) has been championed for many years by those of us on the cutting edge of community development. It is gratifying to see our decision-makers following the lead of those in the community who have been tirelessly working for this kind of positive change. I strongly support the leadership of HGIA and the intent and outcomes this bill will provide. Thank you.

SB-2752-SD-2

Submitted on: 3/12/2018 12:30:32 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jordan Moniuszko	Individual	Comments	No

Comments:

Anywhere GEMS monies can be used to save energy, they should be. Providing all state agencies and departments the chance to save money and lower GHG emissions makes perfect sense.

This bill lets the state set an example for energy efficiency that, perhaps, the private sector will follow.

LATE

SB-2752-SD-2

Submitted on: 3/12/2018 5:08:45 PM

Testimony for EEP on 3/13/2018 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Janet Pappas	Individual	Support	No

Comments:

Dear Legislators,

I agree fully with this statement: "Anywhere GEMS monies can be used to save energy, they should be."

Please support SB2752 to help meet Hawaii's stated goal of 100% renewable energy by 2045.

Sincerely,

Jan Pappas

Aiea, HI 96701