

# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

235 South Beretania Street, 5<sup>TH</sup> Floor, Honolulu, HI 96813 | energy.hawaii.gov

DAVID Y. IGE  
GOVERNOR

SCOTT J. GLENN  
CHIEF ENERGY OFFICER

(808) 587-3807

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

before the  
**SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM**  
Friday, January 31, 2020  
2:55 PM  
State Capitol, Conference Room 414

### In SUPPORT of **SB 2564** **RELATING TO CLEAN ENERGY FINANCING.**

Chair Wakai, Vice Chair Taniguchi and members of the Committee. The Hawaii State Energy Office (HSEO) supports with amendments SB 2564, which would establish the Clean Energy Revolving Loan Fund under the Hawaii Green Infrastructure Authority (HGIA) and repeal the Building Energy Efficiency Revolving Loan Fund under the HSEO. SB 2564 would also make an appropriation out of the Energy Security Special Fund (ESSF) to be deposited into the new revolving loan fund.

The HSEO supports the creation of the new revolving loan fund to provide low-cost loans or other financial assistance to public, private, and nonprofit borrowers for clean energy investments. The HGIA would be able to deploy funds to support a broad range of clean energy technologies and infrastructure from this type of fund more efficiently compared to using bond financing.

The HSEO respectfully requests that an alternate revenue source be identified, other than the ESSF, because the ESSF already is directed to fund numerous other purposes. A revenue source dedicated to fund the new Clean Energy Revolving Loan Fund would ensure funds are available for the HGIA to provide loans or other financial assistance to borrowers for clean energy investments.

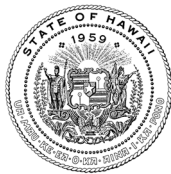
Additionally, to coincide with the repeal of Section 201-20, Hawaii Revised Statutes (HRS), the HSEO requests that Section 201-12.8, HRS be amended to amend subsection (b), deleting the following:

“(4) To fund the building efficiency revolving loan fund established in section 201-20;”

This deletion is necessary for consistency in repealing the Building Energy Efficiency Revolving Loan Fund.

Thank you for the opportunity to testify.

DAVID Y. IGE  
GOVERNOR



CRAIG K. HIRAI  
DIRECTOR  
  
ROBERT YU  
DEPUTY DIRECTOR

EMPLOYEES' RETIREMENT SYSTEM  
HAWAII EMPLOYER-UNION HEALTH BENEFITS TRUST FUND  
OFFICE OF THE PUBLIC DEFENDER

**STATE OF HAWAII**  
**DEPARTMENT OF BUDGET AND FINANCE**  
P.O. BOX 150  
HONOLULU, HAWAII 96810-0150

ADMINISTRATIVE AND RESEARCH OFFICE  
BUDGET, PROGRAM PLANNING AND  
MANAGEMENT DIVISION  
FINANCIAL ADMINISTRATION DIVISION  
OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

**WRITTEN ONLY**  
TESTIMONY BY CRAIG K. HIRAI  
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE  
TO THE SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT,  
AND TOURISM  
ON  
SENATE BILL NO. 2564

**January 31, 2020**  
**2:55 p.m.**  
**Room 414**

RELATING TO CLEAN ENERGY FINANCING

The Department of Budget and Finance offers comments on Senate Bill (S.B.) No. 2564.

S.B. No. 2564 establishes the Clean Energy Revolving Loan Fund (CERLF) under the administration of the Hawai'i Green Infrastructure Authority; appropriates an unspecified sum from the Energy Security Special Fund for deposit into the CERLF; appropriates an unspecified sum from the CERLF; and repeals the Building Energy Efficiency Revolving Loan Fund (BEERLF).

Funds from the CERLF would be used to provide low-cost loans at below-market rates or other authorized financial assistance to eligible public, private, and non-profit borrowers for clean energy investments or other authorized uses. Revenues would be derived from: federal, State, county, private, or other funding sources; investments from public or private investors; moneys received as repayment of loans and interest payments; and any other fees collected as authorized by this bill. The bill also repeals the BEERLF and replaces it with the CERLF.

As a matter of general policy, the department does not support the creation of any special fund which does not meet the requirements of Section 37-52.3, HRS.

Special funds should: 1) serve a need as demonstrated by the purpose, scope of work and an explanation why the program cannot be implemented successfully under the general fund appropriation process; 2) reflect a clear nexus between the benefits sought and charges made upon the users or beneficiaries or a clear link between the program and the sources of revenue; 3) provide an appropriate means of financing for the program or activity; and 4) demonstrate the capacity to be financially self-sustaining.

Regarding S.B. No. 2564, it is difficult to determine whether the proposed special fund would be self-sustaining.

Thank you for your consideration of our comments.



DAVID Y. IGE  
GOVERNOR

GWEN S. YAMAMOTO LAU  
EXECUTIVE DIRECTOR

## HAWAII GREEN INFRASTRUCTURE AUTHORITY

No. 1 Capitol District Building, 250 South Hotel Street, Suite 501, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
Web site: gems.hawaii.gov

Telephone: (808) 587-3868  
Fax: (808) 587-3896

**Testimony of**  
**Gwen Yamamoto Lau, Executive Director**  
**Hawaii Green Infrastructure Authority**  
before the  
**SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT & TOURISM**  
Friday, January 31, 2020  
2:55 P.M.  
State Capitol, Conference Room 414  
in consideration of  
**SENATE BILL NO. 2564**  
**RELATING TO CLEAN ENERGY FINANCING**

Chair Wakai, Vice Chair Taniguchi and Members of the Committee on Energy, Economic Development, and Tourism:

Thank you for the opportunity to testify and provide comments on Senate Bill 2564, relating to clean energy financing. This bill proposes to repeal the building energy efficiency revolving loan fund and create a clean energy revolving loan fund under the administration of the Hawaii Green Infrastructure Authority (HGIA). HGIA **strongly supports** this bill.

Attracting and leveraging private capital with limited public funds in a sustainable manner is critical to support Hawaii's evolving energy market and provide affordable energy options for all ratepayers. Our collective goal is to reduce energy costs, drive higher paying job creation/retention and save billions of dollars currently being spent on importing petroleum.

We, as a State, have only twenty-five (25) years to achieve our 100% renewable goal. The Hawaiian Electric Companies' Power Supply Improvement Plan relies on every rooftop in Hawaii having solar. With the Federal solar tax credit already starting to wind down (currently 26%), solar projects will be forced to rely more heavily on flexible financing options, like those offered by HGIA, to cash flow.

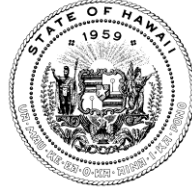
Additionally, with 48% of Hawaii's households ALICE (Asset Limited Income Constrained, Employed) or below and 43% of Hawaii's household renting due to the high cost of housing, financing mechanisms offered exclusively by HGIA are a critical component to attract private capital to leverage public funds for greater impact.

HGIA's first priority is to establish this clean energy revolving loan fund ("RLF") before all of the GEMS loan capital is fully deployed. Public funds attracts private capital and while HGIA would appreciate an appropriation of public funds to kick-start this RLF, it is not our intention to utilize funds

appropriated to the Hawaii State Energy Office (“HSEO”), as HSEO has its own priorities and objectives to accomplish with the Energy Security Special Fund.

As such, HGIA respectfully requests that Section 6 be amended to read: SECTION 6. There is appropriated out of the \_\_\_\_\_ [~~energy security special fund established under section 201-12.8, Hawai Revised Statutes~~], the sum of \$ \_\_\_\_\_ or so much thereof as may be necessary for fiscal year 2020-2021 to be deposited into the clean energy revolving loan fund.

We defer to Budget & Finance on the source of capital. Thank you for this opportunity to testify and provide comments in support of SB 2564.



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

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CATHERINE P. AWAKUNI COLÓN  
DIRECTOR

JO ANN M. UCHIDA TAKEUCHI  
DEPUTY DIRECTOR

**Testimony of the Department of Commerce and Consumer Affairs**

**Before the  
Senate Committee on Energy, Economic Development, and Tourism  
Friday, January 31, 2020  
2:55 p.m.  
State Capitol, Conference Room 414**

**On the following measure:  
S.B. 2564, RELATING TO CLEAN ENERGY FINANCING**

Chair Wakai 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 supports the intent of and offers comments on this bill.

The purposes of this bill are to: (1) repeal the building energy efficiency revolving loan fund; (2) create a clean energy revolving loan fund under the administration of the Hawaii Green Infrastructure Authority (Authority); and fund the office through the dwelling unit revolving fund.

The Department supports S.B. 2564's intent to seek other forms of financing to supplement and/or complement ratepayer-funded programs that finance clean energy technology and infrastructure. Given the State's high energy costs, the ability of ratepayers to support broad areas of the clean energy technology market, especially technologies that may not be commercially viable or cost-effective, are extremely limited. Consistent with the stated intent of this measure, the Department respectfully

requests amending HRS section 196-\_\_\_\_ (a)(4) (on page 4, lines 19 to 20) to make clear that “[a]ny fees collected by the authority under this section” do not include monies collected as a result of tariffs approved by the Public Utilities Commission or monies meant for repaying the Public Benefits Fund. The depositing of fees or monies collected by the Authority, as described in HRS section 196-65(a), into the clean energy and energy efficiency revolving loan fund would be inconsistent with the stated intent of this measure: to create a source of funding that does not rely on ratepayer funds and that can be used for a broad range of clean energy technology. Similarly, if the Authority is allowed to “utilize all repayment mechanisms, including the green energy money saver on-bill repayment mechanism, financing tools, servicing and other arrangements, and sources of capital available to the authority[]” (as stated on page 10, lines 14 to 17), ratepayer funds could be used for unintended purposes.

Thank you for the opportunity to testify on this bill.

**SB-2564**

Submitted on: 1/30/2020 7:32:58 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ted Bohlen	Testifying for Climate Protectors Coalition	Support	No

Comments:

Dear Chair Wakai, Vice Chair Taniguchi and members:

The Climate Protectors Coalition **strongly supports SB2564!**

We are a new group inspired by the Mauna Kea Protectors but focused on reversing the climate crisis. As a tropical island State, Hawaii will be among the first places harmed by the global climate crisis, with more intense storms, loss of protective coral reefs, and rising sea levels. We must do all we can to reduce our carbon footprint and become at least carbon neutral as soon as possible, including by supporting financially clean energy technologies. Please pass this bill. Mahalo!



**SB-2564**

Submitted on: 1/30/2020 9:41:33 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lana Rose Olson	Testifying for Environmental Caucus of the Democratic Party of Hawaii	Support	No

Comments:

**SB-2564**

Submitted on: 1/29/2020 8:00:54 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
David Mulinix	Testifying for Our Revolution Hawaii	Support	No

Comments:

**SB-2564**

Submitted on: 1/30/2020 10:44:55 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Joseph Kohn MD	Testifying for We Are One, Inc. - www.WeAreOne.cc - WAO	Support	No

Comments:

Strongly support SB 2564.

A revolving loan fund will improve the flaws in previous programs meant to encourage low-income residents to make energy efficiency improvements to their homes.

Since the fund can finance many different clean energy technologies, it will fight the Climate Crisis more by reducing greenhouse gas emissions more.

Equipment for clean energy technology, demand response technology, and energy use reduction and demand side management infrastructure, programs and services provide many more ways to use energy more efficiently.

An annual plan will permit necessary adjustments to the projects funded.

SB 2564 will provide more flexible financing for clean energy projects. It should work even better than earlier financing programs. Please support it.

[www.WeAreOne.cc](http://www.WeAreOne.cc)



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183 Pinana St., Kailua, HI 96734 • 808-262-1285 • [info@350Hawaii.org](mailto:info@350Hawaii.org)

To: The Senate Committee on Energy, Economic Development, and Tourism  
From: Brodie Lockard, Founder, 350Hawaii.org  
Date: Friday, January 31, 2020, 2:55 pm

**In strong support of SB 2564**

Dear Chair Wakai, Vice Chair Taniguchi, and members:

350Hawaii strongly supports SB 2564.

A revolving loan fund will improve the flaws in previous programs meant to encourage low-income residents to make energy efficiency improvements to their homes.

Since the fund can finance many different clean energy technologies, it will fight the Climate Crisis more by reducing greenhouse gas emissions more.

Equipment for clean energy technology, demand response technology, and energy use reduction and demand side management infrastructure, programs and services provide many more ways to use energy more efficiently.

An annual plan will permit necessary adjustments to the projects funded.

SB 2564 will provide more flexible financing for clean energy projects. It should work even better than earlier financing programs. Please support it.

Brodie Lockard  
Founder, 350Hawaii.org



## SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM

January 31, 2020, 2:55 P.M.

Room 414

(Testimony is 2 pages long)

### TESTIMONY IN SUPPORT OF SB 2564

Aloha Chair Wakai, Vice Chair Taniguchi, and Committee members:

Blue Planet Foundation supports SB 2564, which strengthens and expands the state's efforts to ensure an equitable transition to our 100% clean energy future.

This measure contains three key elements:

1. Replacing the dormant and unused building energy efficiency revolving loan fund with a "clean energy revolving loan fund" and moving the governance of the fund to the active Hawaii Green Infrastructure Authority (HGIA);
2. Expanding the potential clean energy technologies that the revolving loan fund can support; and
3. Making an appropriation from the existing barrel tax revenue to kick-start the clean energy revolving loan fund.

These policy changes will help to accelerate the adoption of renewable energy and energy efficiency and help businesses and families who are currently underserved by existing market-based clean energy solutions.

The HGIA is an effective entity to implement the clean energy revolving loan fund. The Green Energy Market Securitization (GEMS) loan program—which is governed by the HGIA—was developed as a way to fill underserved gaps and lower the cost of clean energy financing. Moreover, the program has been pointed squarely at addressing the needs of low-income and moderate-income energy customers. While the program initially was hampered with regulatory and marketplace challenges, GEMS is now successfully achieving its mission. According to their most recent quarterly report (October 1, 2019 - December 31, 2019), the HGIA has committed approximately \$90 million in GEMS funds. Nearly 80% of the energy upgrades financed by GEMS have been provided for the benefit of low-income and middle-income consumers. Additional program benefits, according to HGIA's most recent report are detailed in the table below.

Excess Revenues over Expenses – YTD FY2020 <sup>1</sup>	<b>\$1,722,579</b>
Jobs Created / Retained	<b>1,052</b>
State of Hawaii Tax Revenues Generated	<b>\$12,780,381</b>
Total Estimated kWh Production / Reduction Over Lifetime	<b>785,385,964</b>
Total Petroleum Displaced Over Lifetime (Estimated Barrels)	<b>482,365</b>
Total Greenhouse Gas Avoided Over Lifetime (Metric Tons CO <sub>2</sub> )	<b>236,289</b>
Percent Low- and Moderate-income Households Served	<b>79.0%</b>

Senate Bill 2564 would provide additional funds for HGIA to expand this effective loan program.

The HGIA has a little over \$38 million of the original bond available to lend for approved clean energy projects. Once the bond is exhausted, however, the GEMS program will not be able to continue its effective work, as the funds returned will go to repaying the bond (unless another bond is sought). This measure proposes to continue the GEMS success by overseeing a revolving clean energy loan program, where the repaid funds can then be re-loaned to benefit more businesses and residents. This enables the GEMS loan program—with its requirement to serve at least 51% low- and moderate-income—to continue sustainably.

Senate Bill 2564 also provides for an unspecified amount of the existing fossil fuel tax to be used to fund the new clean energy and energy efficiency revolving loan fund. We believe that this is an appropriate use of the fossil fuel tax revenue, as the revolving loan fund will be leverage direct investments in reducing our fossil fuel use. What’s more, the funds will largely be used to assist low- and moderate income residents, reducing the cost of living for those who are struggling the most.

Finally, the existing, dormant revolving loan fund allows for the receipt of funds from any source, including private sources. This could enable the GEMS program to operate in partnership with philanthropic or other private interests who support accelerating the just transition to 100% clean energy through a proven loan program.

**Blue Planet Foundation supports SB 2564** as a smart policy to strengthen and expand Hawaii's ability to help us all move together toward 100% clean energy.

Thank you for the opportunity to testify.

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<sup>1</sup> Excess Revenue over Expenses before loan repayments returned to the PUC / Public Benefits Fee Administrator per Order No. 34930 Amending Decision and Order No. 32318 By Changing the Priority uses of GEMS Program Loan Repayments.



## SB 2564, RELATING TO CLEAN ENERGY FINANCING

JANUARY 31, 2020 · SENATE ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM COMMITTEE · CHAIR SEN. GLENN WAKAI

**POSITION:** Support.

**RATIONALE:** IMUAlliance supports SB 2564, relating to clean energy financing, which repeals the building energy efficiency revolving loan fund and creates a clean energy revolving loan fund under the administration of the Hawai'i green infrastructure authority, and funds the office through the dwelling unit revolving fund.

According to a report produced by the Hawai'i Climate Change Mitigation and Adaptation Commission, global sea levels could rise more than three feet by 2100, with more recent projections showing this occurring as early as 2060. In turn, over the next 30 to 70 years, approximately 6,500 structures and 19,800 people statewide will be exposed to chronic flooding.

Additionally, an estimated \$19 billion in economic loss would result from chronic flooding of land and structures located in exposure areas. Finally, approximately 38 miles of coastal roads and 550 cultural sites would be chronically flooded, on top of the 13 miles of beaches that have already been lost on Kaua'i, O'ahu, and Maui to erosion fronting shoreline armoring, like seawalls.

Furthermore, according to research conducted by Michael B. Gerrard from Columbia Law School, modern-day slavery tends to increase after natural disasters or conflicts where large numbers of people are displaced from their homes. In the decades to come, says Gerrard, **climate change**

**will very likely lead to a significant increase in the number of people who are displaced and, thus vulnerable, to human trafficking.** While the Paris Climate Agreement of 2015 established objectives to limit global temperature increases and several international agreements are aimed at combating modern-day slavery, it is highly uncertain whether they will be adequate to cope with the scale of the problem that is likely to occur as a result of climate change.

As we work to reduce carbon emissions and stave off the worst consequences of climate change, we must begin preparing for the adverse impact of sea level rise on our shores. We are now quantifying the speed at which we must act. We cannot continue to develop the 25,800-acre statewide sea level rise exposure area—one-third of which is designated for urban use—without risking massive structural damage and, potentially, great loss of life.

Therefore, our state must take steps to expand Hawai'i's renewable energy supply, including by funding programs that swiftly increase infrastructure and jobs aligned with the state's transition to a clean energy economy. For the sake of our overheating planet, we cannot afford to wait to craft strategies to make renewable energy universal for our island home.



**SB-2564**

Submitted on: 1/28/2020 11:20:55 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Caroline Kunitake	Individual	Support	No

Comments:

Please support SB2564.

Mahalo,

Caroline Kunitake

**SB-2564**

Submitted on: 1/29/2020 9:10:57 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
J Riverstone	Individual	Support	Yes

Comments:

**SB-2564**

Submitted on: 1/29/2020 11:24:42 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Javier Mendez-Alvarez	Individual	Support	No

Comments:

**SB-2564**

Submitted on: 1/29/2020 1:00:25 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Mark K.Wilson III	Individual	Support	No

Comments:

**SB-2564**

Submitted on: 1/29/2020 3:06:06 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
tlaloc tokuda	Individual	Support	No

Comments:

i support this bill

**SB-2564**

Submitted on: 1/29/2020 4:19:03 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Andrea Quinn	Individual	Support	No

Comments:

Dear Honorable Committee Members:

Please support SB2564, which will help to mitigate climate change.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei

**SB-2564**

Submitted on: 1/29/2020 7:58:29 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Sherry Pollack	Individual	Support	No

Comments:

**SB-2564**

Submitted on: 1/29/2020 9:56:53 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Phaethon Keeney	Individual	Support	No

Comments:



**SB-2564**

Submitted on: 1/30/2020 7:25:49 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Zoe Malia Ozoa Loos	Individual	Support	No

Comments:

To: The Senate Committee on Energy, Economic Development, and Tourism

From: ZOE MALIA OZOA LOOS

Date: Friday, January 31, 2020, 2:55 pm

In strong support of SB 2564

Dear Chair Wakai, Vice Chair Taniguchi, and members:

I strongly support SB 2564.

A revolving loan fund will improve the flaws in previous programs meant to encourage low-income residents to make energy efficiency improvements to their homes.

Since the fund can finance many different clean energy technologies, it will fight the Climate Crisis more by reducing greenhouse gas emissions more.

Equipment for clean energy technology, demand response technology, and energy use reduction and demand side management infrastructure, programs and services provide many more ways to use energy more efficiently.

An annual plan will permit necessary adjustments to the projects funded.

SB 2564 will provide more flexible financing for clean energy projects. It should work even better than earlier financing programs. Please support it.

ZOE MALIA OZOA LOOS

**SB-2564**

Submitted on: 1/30/2020 8:38:45 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Joy Silver	Individual	Support	No

Comments:

**SB-2564**

Submitted on: 1/30/2020 11:28:39 AM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Laurel Quarton	Individual	Support	No

Comments:

**SB-2564**

Submitted on: 1/30/2020 2:13:18 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nanea Lo	Individual	Support	No

Comments:

Dear Chair Wakai, Vice Chair Taniguchi, and members:

I strongly support SB 2564.

A revolving loan fund will improve the flaws in previous programs meant to encourage low-income residents to make energy efficiency improvements to their homes.

Since the fund can finance many different clean energy technologies, it will fight the Climate Crisis more by reducing greenhouse gas emissions more.

Equipment for clean energy technology, demand response technology, and energy use reduction and demand side management infrastructure, programs and services provide many more ways to use energy more efficiently.

An annual plan will permit necessary adjustments to the projects funded.

SB 2564 will provide more flexible financing for clean energy projects. It should work even better than earlier financing programs. Please support it.

me ke aloha 'Ä• ina,

Nanea Lo

**LATE**

**SB-2564**

Submitted on: 1/30/2020 5:16:42 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Matthew Geyer	Individual	Support	Yes

Comments:

Simply put, we all need to work harder to slow down and then reverse climate change. This bill will accelerate our efforts to create a clean, renewable energy based society. Thank you for your support of this bill.

**LATE**

**SB-2564**

Submitted on: 1/30/2020 7:23:19 PM

Testimony for EET on 1/31/2020 2:55:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Noel Morin	Individual	Support	No

Comments:

Dear Chair Wakai, Vice Chair Taniguchi, and members:

I strongly support SB 2564.

A revolving loan fund will encourage low-income residents to make home energy efficiency improvements.

SB 2564 will enable flexible financing for clean energy projects. It will contribute to household cost reductions for residents and contribute to our clean energy future.

Please support it.

Sincerely,

Noel Morin

Hilo