

HAWAII STATE ENERGY OFFICE STATE OF HAWAII

235 South Beretania Street, 5TH 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**

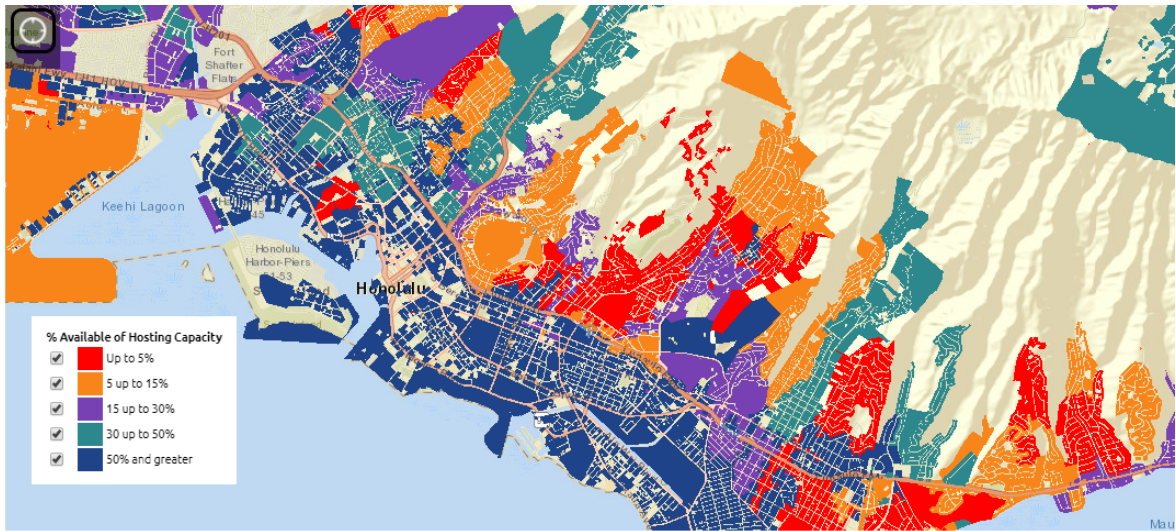
before the
SENATE COMMITTEE ON WAYS AND MEANS
Thursday, February 20, 2020
10:35 AM
State Capitol, Conference Room 211

Comments in consideration of **SB 2820, SD1** **RELATING TO RENEWABLE ENERGY.**

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee, the Hawaii State Energy Office (HSEO) offers comments on SB 2820, SD1, which increases the renewable energy technology tax credit cap per unit for solar energy system for multi-family residential properties from \$350 to \$750 and is applicable to taxable years after December 31, 2020.

HSEO appreciates the stated intent of the bill to help allow residents who live in a multi-family residential property to be able to participate in renewable energy and assist in achieving the State's clean energy goals. HSEO notes that this increase in the tax credit for multi-family residential properties would enable those who are owners of these multi-family units to benefit from the increased tax credit; the extent to which the increased credit would directly benefit those who are renters of these multi-family units is unknown.

Anecdotal evidence indicates, however, that many multi-family residential properties could make use of solar water heating and photovoltaic energy, as these properties have a demand for hot water, are in areas with good solar resources, and may be on circuits with remaining hosting capacity for solar. A portion of Hawaiian Electric's Locational Value map is shown, to illustrate that some of the more densely populated areas of the state may have remaining hosting capacity (shown in blue, teal, and purple). This is similar to other neighborhoods in Hawaii with multi-family housing. Similar maps are available for Maui County and the island of Hawaii.



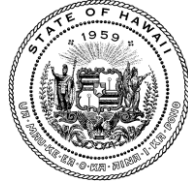
The Locational Value Map / Address Search Tool allows customers and solar contractors to see approximately how much space may be available for private rooftop solar installations in their area based on the big picture. The map displays the percentage of space currently available on our higher voltage primary system, but not on the

HSEO defers to the appropriate agencies regarding administration of the provisions and budgetary considerations inherent to this bill.

Thank you for the opportunity to testify.

DAVID Y. IGE
GOVERNOR

JOSH GREEN M.D.
LT. GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TAXATION
P.O. BOX 259
HONOLULU, HAWAII 96809
PHONE NO: (808) 587-1540
FAX NO: (808) 587-1560

RONA M. SUZUKI
DIRECTOR OF TAXATION

DAMIEN A. ELEFANTE
DEPUTY DIRECTOR

To: The Honorable Donovan M. Dela Cruz, Chair;
The Honorable Gilbert S.C. Keith-Agaran, Vice Chair;
and Members of the Senate Committee on Ways and Means;

From: Rona M. Suzuki, Director
Department of Taxation

Re: S.B. 2820, S.D. 1, Relating to Renewable Energy

Date: Thursday, February 20, 2020

Time: 10:35 P.M.

Place: Conference Room 211, State Capitol

The Department of Taxation (Department) offers the following comments on S.B. 2820, S.D. 1.

S.B. 2820, S.D. 1, amends section 235-12.5, Hawaii Revised Statutes (HRS), which governs the Renewable Energy Technologies Income Tax Credit (RETTTC). This measure raises the cap amount for credits available for solar energy systems on multi-family residential property from \$350 per unit per system to \$750 per unit per system. S.B. 2820, S.D. 1, is effective upon approval and would apply to taxable years beginning after December 31, 2020.

The Department appreciates the change made to the date of applicability by the previous committee and is able to administer this bill as written.

Thank you for the opportunity to provide comments.



183 Pinana St., Kailua, HI 96734 • 808-262-1285 • info@350Hawaii.org

To: The Senate Committee on Ways and Means
From: Brodie Lockard, Founder, 350Hawaii.org
Date: Thursday, February 20, 2020, 10:35 am

In strong support of SB 2820 SD1

Dear Chair Dela Cruz and members:

350Hawaii's 6,000 members strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Brodie Lockard
Founder, 350Hawaii.org

SB-2820-SD-1

Submitted on: 2/18/2020 9:40:01 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
katherine kazlauskas	Testifying for 350Hawaii	Support	No

Comments:

To: The Senate Committee on Ways and Means

From: **Katherine Kazlauskas**

Date: Thursday, February 20, 2020, 10:35 am

In strong support of SB 2820 SD1

I strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Katherine Kazlauskas

SB-2820-SD-1

Submitted on: 2/18/2020 10:30:42 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Climate Protector	Testifying for Climate Protectors Coalition	Support	No

Comments:

NOTICE OF DECISION MAKING

DATE: Thursday, February 20, 2020

TIME: 10:35 A.M.

Conference Room 211

PLACE: State Capitol

415 South Beretania Street

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and members of the Committee on Ways and Means
The Climate Protectors Coalition Supports
SB2820 SD1!

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.

This bill is important to help us achieve the State's 2045 energy goals. Increasing the renewable energy tax credit for residential multi-family units from \$350 to \$750 will help

encourage additional installation of cost effective photovoltaic systems. Please pass this bill to help minimize greenhouse gas emissions. Mahalo!

TAX FOUNDATION OF HAWAII

126 Queen Street, Suite 304

Honolulu, Hawaii 96813 Tel. 536-4587

SUBJECT: INCOME, Increase Multi-Family Cap for Renewable Energy Technologies Credit

BILL NUMBER: SB 2820, SD-1

INTRODUCED BY: Senate Committee on Energy, Economic Development, and Tourism

EXECUTIVE SUMMARY: Increase the renewable energy technology tax credit cap per unit per solar energy system for multi-family residential properties from \$350 to \$750. Applies to taxable years beginning after 12/31/2020.

SYNOPSIS: Amends section 235-12.5, HRS, to increase the cap amounts for multi-family residential property from \$350 to \$750 per unit per system for solar energy systems. The cap for wind energy systems is not changed.

EFFECTIVE DATE: Taxable years beginning after December 31, 2019.

STAFF COMMENTS: The tax system is there to raise revenue to keep the government moving. Using the tax system to shape social policy merely throws the revenue raising system out of whack, making the system less than reliable as there is no way to determine how many taxpayers will avail themselves of the credit and in what amount.

Furthermore, tax credits are nothing more than the expenditure of public dollars, but out the back door. If, in fact, these dollars were subject to the appropriation process, would taxpayers be as generous about the expenditure of these funds when our kids are roasting in the public school classrooms, there isn't enough money for social service programs, or our state hospitals are on the verge of collapse?

If lawmakers want to subsidize the purchase of this type of technology, then a direct appropriation would be more accountable and transparent. The credit as currently drafted is very complex. Complexity makes proper administration of the credit very difficult. There will be taxpayers who will not claim the credit properly because of honest mistakes or misunderstandings, as well as bad actors who will intentionally claim the credit improperly for profit. Less complexity reduces the number of the former and makes it easier to catch the latter.

Digested 2/17/2020



Hawaii Solar Energy Association
Serving Hawaii Since 1977

**TESTIMONY OF THE HAWAII SOLAR ENERGY ASSOCIATION
IN REGARD TO SB 2820, RELATING TO RENEWABLE ENERGY TAX
CREDITS
BEFORE THE
SENATE COMMITTEE ON WAYS AND MEANS
ON
THURSDAY, FEBRUARY 20, 2020**

Chair Dela Cruz, Vice-Chair Keith-Agaran, and members of the committee, my name is Will Giese, and I am the Executive Director of the Hawaii Solar Energy Association, Inc. (HSEA).

The HSEA was founded in 1977 to further solar energy and related arts, sciences and technologies with concern for the ecologic, social and economic fabric of the Hawaiian Islands. Our membership includes the vast majority of locally owned and operated solar installers, contractors, distributors, manufacturers, and inspectors across all islands.

HSEA SUPPORTS SB2820. This measure increases the renewable energy technology tax credit cap per unit per solar energy system for multi-family residential properties from \$350 to \$750. Applies to taxable years beginning after 12/31/2019.

The HSEA has generally been in favor of tax credits for energy storage and renewable energy systems as a way for the state to direct customer behavior towards its renewable energy goals. This has been incredibly successful, and Hawaii enjoys one of the highest amounts of renewable energy installed per capita than any other state.

The Hawaii State Legislature also must be cognizant of developments regarding the federal tax credit. The solar industry is currently experiencing an increased amount of business activity for the past 12 months, driven almost completely by the first step down in the federal tax credit, from 30% to 26%. Another step down will happen in 2021, to 22%, and then the credit will be gone in 2022. This increased business activity is a false positive and likely does not reflect a resurgence of the market. The state needs to consider the full impact this step down will have to the industry (70% of which is locally owned and operated), state's energy goals, and the people of Hawaii. Unless there are significant changes to Hawaii's clean energy market, such as more well-structured tax credit, better interconnection programs that provide greater value streams for consumers, or ideally both, the outlook for the state's energy goals is grim.

Raising the cap amount on multi-family housing may help to increase the value proposition for that segment of the market, allowing even greater renewable energy penetration and allowing for more cost savings and ancillary benefits.

The HSEA **supports SB2820** and we ask this committee to approve this measure.



Hawaii Solar Energy Association
Serving Hawaii Since 1977

Thank you for the opportunity to testify.

SB-2820-SD-1

Submitted on: 2/18/2020 4:47:35 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and members,

I'm in strong support of **SB2820 SD1**,

This measure will help a larger part of our community to be able to benefit from the installation of renewable energy systems. Solar PV, solar water heating, and wind energy systems contribute to our renewable energy portfolio - our incentives have allowed homeowners and businesses to contribute to the reduction of emissions and the Hawaii's 2045 RPS goals. SB2820 SD1 will further adoption of renewable energy systems and move us further along our transition from fossil fuels.

Thanks for the opportunity to testify.

Noel Morin

Hilo

SB-2820-SD-1

Submitted on: 2/18/2020 5:36:49 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lenny Yajima	Individual	Support	No

Comments:

SB-2820-SD-1

Submitted on: 2/18/2020 7:02:26 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Quinn	Individual	Support	No

Comments:

Dear Honorable Committee Members:

Please support SB2820. Tax credits will incentivize renewable energy efforts, which will help make Hawaii more self-sustaining.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei, Maui



Testimony to the Committee on Ways and Means

Thursday February 20, 2020 10:35 AM
Conference Room 211, Hawaii State Capitol

Senate Bill 2820 SD1

Chair Dela Cruz, Vice Chair Keith-Agaran, and members of the committee,

ADON **strongly supports** SB 2820 SD1, which increases the renewable energy technology tax credit cap per unit per system for multi-family residential properties from \$350 to \$750.

ADON is a renewable energy technology company that partners with developers focusing on senior citizen and low-income housing developments. Our work includes the installation of renewable rooftop photovoltaics and solar hot water heaters in these developments.

The cost of living in Hawaii is the highest in the nation, placing a tremendous burden on much of our population. For many, home ownership is out-of-reach, leaving over 56% of our population relying on rental properties, often in multi-family dwellings. Others are leaving the state entirely. These renters are often the members of our communities most disadvantaged, including senior citizens, working families, and low-income residents. Electricity costs take a disproportionate share of their fixed income. Like most people in Hawaii, these renters also want to participate in Hawaii's clean and renewable energy, but because the existing investment tax credit for multi-family dwellings is not equitable with that offered to single family and commercial properties, these local residents are left out.

These incentive tax credits are essential to the affordability of renewable projects, which are passed on to the tenants in the form of discounted energy rates by the developer. At the current rate, without that tax credit, there is very little incentive for these renewable energy projects to be pursued in multi-family dwellings, denying those who need it most a bigger break in their utility bills.

The legislature has wisely addressed these issues during past sessions. Yet in 2006 (Act 240), the legislature increased the cap for photovoltaic energy systems for single family dwellings over 285% and for commercial dwellings by 200%. Multi-family dwellings, however, were left at the cap established in Session Laws of Hawaii, 2003, leaving this disadvantaged segment behind.

This bill proposes to level and equalize the cap amount for multi-unit dwellings to that almost equal to the level that has been enjoyed by single family residents for the last 14 years. This is evidenced by the small amount of PV deployed in this market segment.

We appreciate the legislature's wise recognition of this previously under-served demographic and appreciate the work of this bill to level the playing field so that these residents can achieve the benefits of renewable energy and lowered rates.

Please pass SB2820 SD1. Thank you for the opportunity to testify.

SB-2820-SD-1

Submitted on: 2/18/2020 9:27:55 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

Dear Chair Dela Cruz and WAM members,

I strongly support SB2820 SD1 which would increase the tax credit for rooftop solar on multi-family dwellings. Hawaii residents who rent and live in such buildings deserve the opportunity to benefit from the energy cost savings these panels provide. Hawaii has been far too slow in bringing this opportunity to this population.

Why stop there? In fact, we should give ALL residents tax credits for adding solar panels on ANY building where needed. Are solar panels being added to all State buildings and parking lots? If not, why not? The payback comes to all of us in lower energy bills and a reduction in global warming. Let's think big. Please support SB2820 SD1.

Thank you for the opportunity to comment.

Sincerely,

Jan Pappas

Aiea, Hawaii

SB-2820-SD-1

Submitted on: 2/18/2020 5:08:26 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Suzie Wallace	Individual	Support	No

Comments:

SB-2820-SD-1

Submitted on: 2/17/2020 2:31:39 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Katherine Pomeroy	Individual	Support	No

Comments:

SB-2820-SD-1

Submitted on: 2/18/2020 10:00:50 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

To: The Senate Committee on Ways and Means

From: Dr. John and Debra Nix, Kihei

Date: Thursday, February 20, 2020, 10:35 am

In strong support of SB 2820 SD1

I strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Mahalo,

Dr. John and Debra Nix, Kihei

SB-2820-SD-1

Submitted on: 2/18/2020 10:37:24 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lori Nakamura-Higa	Individual	Support	No

Comments:

Aloha! Thank you for the opportunity to testify.

I strongly support SB2820 SD1

Mahalo and kind regards.

SB-2820-SD-1

Submitted on: 2/18/2020 10:34:51 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

Dear Chair Dela Cruz and members,

I strongly support SB 2820 to increase rooftop PV tax credits. Rooftop solar is one of the few ways individuals can help with the climate crisis. this bill would make PV more affordable, encourage more people to install, lower overall energy costs, and help with the climate.

Mahalo,

Lynn Aaberg

SB-2820-SD-1

Submitted on: 2/18/2020 9:00:00 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

Dear Chair Dela Cruz and Members of the Committee on Ways and Means,

I am writing in support of SB2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Mahalo,

Caroline Kunitake

SB-2820-SD-1

Submitted on: 2/18/2020 11:51:26 AM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

aloha,

supporting measures like this one that encourage the use of solar energy are no-brainers.

mahalo for supporting SB2820.

sincerely,

janice palma-glennie

SB-2820-SD-1

Submitted on: 2/18/2020 2:06:47 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
LUCIEN WONG	Individual	Support	No

Comments:

Important bill moving Hawaii to a green future.

SB-2820-SD-1

Submitted on: 2/18/2020 12:17:23 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

SB-2820-SD-1

Submitted on: 2/17/2020 1:55:06 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
william metzger	Individual	Support	No

Comments:

Important to promote MORE rooftop solar.

SB-2820-SD-1

Submitted on: 2/18/2020 6:43:20 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

SB-2820-SD-1

Submitted on: 2/19/2020 8:25:21 AM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mireille Turin	Individual	Support	No

Comments:

SB-2820-SD-1

Submitted on: 2/17/2020 9:30:50 AM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
ryan christopher	Individual	Support	No

Comments:

I strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Ryan Christopher

Honokaa HI

SB-2820-SD-1

Submitted on: 2/17/2020 12:28:40 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

Hello,

I strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

me ke aloha 'Ä• ina,

Nanea Lo

SB-2820-SD-1

Submitted on: 2/17/2020 8:21:11 AM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Debbie Millikan	Individual	Support	No

Comments:

To: The Senate Committee on Ways and Means

From: Debbie Millikan

Date: Thursday, February 20, 2020, 10:35 am

In strong support of SB 2820 SD1

I strongly support SB 2820 SD1. Rooftop solar is one of the best ways Hawaii has for reducing our greenhouse gas emissions and for individuals to make a significant contribution to increasing their own renewable energy portfolio. But clearly, rooftop PV hasn't been affordable for everyone. We need to continue providing incentives and this additional \$400 is a start. Imagine if everyone, even those who rent, could afford solar energy. We would be well on our way to a clean energy system.

Thank you for considering my testimony.

Debbie Millikan

SB-2820-SD-1

Submitted on: 2/16/2020 9:50:42 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

SB-2820-SD-1

Submitted on: 2/17/2020 7:12:02 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sherry Pollack	Individual	Support	No

Comments:

SB-2820-SD-1

Submitted on: 2/16/2020 9:49:53 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

To: The Senate Committee on Ways and Means

From: **Tlaloc TOKuda, 350 volunteer**

Date: Thursday, February 20, 2020, 10:35 am

In strong support of SB 2820 SD1

I strongly support SB 2820 SD1.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years, and then saves a great deal of money in the long term. But the upfront costs are prohibitive for many in our expensive state.

The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

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Tlaloc TOKuda

Kailua Kona, HI, 96740

SB-2820-SD-1

Submitted on: 2/19/2020 10:31:09 AM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Henri Etta Schmitz	Individual	Support	No

Comments:

LATE

SB-2820-SD-1

Submitted on: 2/19/2020 3:56:33 PM

Testimony for WAM on 2/20/2020 10:35:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Severine Busquet	Individual	Support	No

Comments:

Aloha:

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions. The renewable energy technology tax credit allows many citizens to install solar energy systems who otherwise would not. An additional \$400 can be just the nudge some people need to join the army of consumers doing their part to fight the Climate Crisis.

SB 2820 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

For this reason, I strongly support SB2820 SD1.

Thanks for your attention

Severine Busquet

Hawaii Kai, Honolulu

LATE

SB-2820-SD-1

Submitted on: 2/19/2020 4:49:53 PM
Testimony for WAM on 2/20/2020 10:35:00 AM

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

Comments:

THE ENERGY CREDIT SHOULD BE 10 (TEN) TIMES THIS.

Not everyone can afford Solar, but everyone should have it.

We need tax credits, loans and grants for solar.