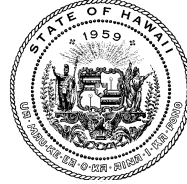


DAVID Y. IGE
GOVERNOR

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 Nicole E. Lowen, Chair;
The Honorable Tina Wildberger, Vice Chair;
and Members of the House Committee on Energy and Environmental Protection

From: Rona M. Suzuki, Director
Department of Taxation

Re: **S.B. 2820, S.D. 2, Relating to Renewable Energy**

Date: Tuesday, March 17, 2020

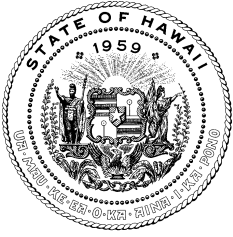
Time: 9:00 A.M.

Place: Conference Room 325, State Capitol

The Department of Taxation (Department) offers the following comments on S.B. 2820, S.D. 2.

S.B. 2820, S.D. 2, 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. 2, has a defective effective date of July 1, 2050, and would otherwise apply to taxable years beginning after December 31, 2020.

The Department is able to administer this bill as written. Thank you for the opportunity to provide comments.



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
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION
Monday, June 22, 2020
9:30 AM
State Capitol, Conference Room 325

Comments in consideration of **SB 2820, SD2** **RELATING TO RENEWABLE ENERGY.**

Chair Lowen, Vice Chair Wildberger, and Members of the Committee, the Hawaii State Energy Office (HSEO) offers comments on SB 2820, SD2, which increases the cap amount of the renewable energy technologies income tax credit for solar energy systems for multi-family residential properties from \$350 to \$750 that will be applied in taxable years beginning after 12/31/2020.

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.

However, since this bill was last heard, the COVID-19 crisis has re-oriented priorities to how we can retain and create jobs, deploy clean energy projects, and advance Hawaii's clean energy and decarbonization goals. HSEO recommends that legislative attention be given to assuring the availability of the tax credit to the renewable energy projects referred to as the "Phase I" projects that have been contracted by Hawaiian Electric, approved by the Public Utilities Commission, and are about to begin construction, as well as Kauai Island Utility Cooperative's hydroelectric plant. In contrast, the 16 solar plus storage and solar projects referred to as "Phase II" that Hawaiian Electric announced in May 2020 have been competitively priced to not require the tax credit. The Legislature could sunset the tax credit for these types of projects.

The availability of the tax credit for residential and small-scale commercial applications would still be critical to the State's recovery efforts. During the last recession, solar construction

as a percent of total construction expenditures from 2007-2012 rose from 2% up to 26% by 2012, accounting for one-quarter of all construction expenditures in 2012. Solar has proven it can be a leading edge industry for economic recovery. Moreover, even with the level of growth and solar penetration we have seen, Oahu is still only a quarter of the way toward Hawaii's needed 100% of residential roofs with PV and is short of where we projected in 2016 to be at this year, 2020. There is considerable room to accelerate rooftop solar to not only catch up to where we should be, but also to use this time to get ahead and upgrade our homes, especially for low- and moderate-income families and vulnerable communities. This is an opportunity to ensure that these benefits are extended to everyone to enhance equity in our clean energy recovery and transformation.

Thank you for the opportunity to offer testimony on this bill.



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

To: The House Committee on Energy & Environmental Protection
From: Sherry Pollack, Co-Founder, 350Hawaii.org
Date: June 22, 2020, 9:30am

In strong support of SB2820 SD2

Aloha Chair Lowen, Vice Chair Wildberger, and members of the EEP Committee:

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org **strongly supports SB2820 SD2** which increases the cap amount of the renewable energy technologies income tax credit for solar energy systems for multi-family residential properties from \$350 to \$750.

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. Incentive tax credits are essential to the affordability of renewable projects, allowing many citizens to install solar energy systems who otherwise would not. SB 2820 SD2 will allow more of us to help with the Climate Crisis, and to save significantly on long-term energy costs.

Mahalo for the opportunity to testify in **strong support** of this very important bill.

Sherry Pollack
350Hawaii.org



Testimony to the Committee on Energy & Environmental Protection

Monday June 22, 2020 - 9:30 AM

Hawaii State Capitol Room 325

Senate Bill 2820 SD2

Chair Lowen, Vice Chair Wildberger and members of the committee,

The Hawaii Clean Power Alliance (HCPA) offers comments, relating to Renewable Energy.

The Hawaii Clean Power Alliance is a nonprofit alliance organized to advance the development and sustainability of clean energy in Hawaii. Our goal is to support the state's policy goal of 100 percent renewable energy by 2045. Our members are commercial utility-scale independent power producers.

Utility-scale renewable energy is critical to meeting the state's clean energy goals because it provides long-term stable costs for those drawing from the grid, thus hedging the volatility associated with the reliance on oil. Developers must assume the risks that are inevitably a part of the permitting, entitlements, and financing for these projects. The more ability we have to manage those risks, the more opportunity we have to deliver the projects at a low rate. The state renewable investment tax credit is at constant risk of changing.

Projects that are underway after approval by the Public Utilities Commission in 2019 (RFP 1), under the guidance of Hawaiian Electric Company and the Public Utilities Commission, reflected rates established with the existing state and federal tax credits passed through to the ratepayer. While the federal incentives remain in place and can be locked in as soon as the power purchase agreement (PPA) is approved, the state investment tax credit can only be applied for after the solar farm is placed into service, several years into the future. Changes to those state tax credits and Department of Taxation Administrative Rules threaten the viability of the projects. The current RFP 2 projects were not required to bid with tax credits and therefore any changes to the Hawai'i renewable investment tax credits will not impact the energy rates that were bid into the proposals.

We offer these amendments for your consideration to be inserted as a stand alone section within

SECTION 1 (a)

- (1) For each solar energy system: thirty-five per cent of the actual cost or the cap amount determined in subsection (b) [~~whichever is less; or~~]; provided that:
- () Notwithstanding any law to the contrary and any subsequent amendments to this paragraph or to any applicable law, a solar energy system that is five megawatts in generating capacity or larger, installed and placed in service pursuant to a power purchase agreement approved by a decision and order by the public utilities commission prior to December 31, 2019, shall continue to receive a tax credit equal to thirty-five per cent of the actual cost, or \$500,000 per solar energy system that has a total output capacity of at least one thousand kilowatts per system of direct current, whichever is less;

Thank you for the opportunity to testify.





Testimony to the Committee on Energy & Environmental Protection
Monday June 22, 2020 - 9:30 AM
Hawaii State Capitol Room 325
Senate Bill 2820 SD2

Chair Lowen, Vice Chair Wildberger and members of the committee,

174 Power Global offers **comments:**

With 3 utility-scale solar projects completed or under development, we are proud to be among the developers that bring these types of project to life across the state. We believe we are representative of a handful of renewable energy developers who bid into a Hawaiian Electric Company competitive bidding process overseen by the PUC in 2018-2019 known as RFP 1. Bidders were required to provide binding proposals with energy pricing that incorporated state tax credits that were in place at that time, under the assumption those state tax credits would continue to be available. The current HECO RFP 2 process did not require proposals to include energy pricing based on state tax credits.

These state and federal renewable energy tax credits are applied to the rates that are contracted with the electric utility, and are ultimately reflected in the rates benefitting ratepayers, and cannot be revised upon accepted bid. Without those credits, the projects run the risk of not being financeable and viable.

The following amendment ensures that projects can be assured that their financing and construction plans will not be derailed by future changes to the tax credits or Dept of Tax Administrative Rules. This certainty clears the way for projects to be delivered to the ratepayers' benefit.

We offer this amendment for your consideration to be inserted as a stand alone section within

SECTION 1 (a)

(1) For each solar energy system: thirty-five per cent of the actual cost or the cap amount determined in subsection (b) [~~, whichever is less; or~~]; provided that:

() Notwithstanding any law to the contrary and any subsequent amendments to this paragraph or to any applicable law, a solar energy system that is five megawatts in generating capacity or larger, installed and placed in service pursuant to a power purchase agreement approved by a decision and order by the public utilities commission prior to December 31, 2019, shall continue to receive a tax credit equal to thirty-five per cent of the actual cost, or \$500,000 per solar energy system that has a total output capacity of at least one thousand kilowatts per system of direct current, whichever is less;

Thank you for the opportunity to testify.

SB-2820-SD-2

Submitted on: 6/20/2020 5:28:18 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Benton Kealii Pang, Ph.D.	Individual	Support	No

Comments:

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-2

INTRODUCED BY: Senate Committee on Ways and Means

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: July 1, 2050.

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 6/21/2020

Testimony to the Committee on Energy and Environmental Protection

Tuesday, June 22, 2020 9:30 AM

Conference Room 325, Hawaii State Capitol

SB2820 SD2

Chair Lowen, Vice Chair Wildberger, and members of the committee,

ADON **supports** SB2820 SD2, which increases the cap amount of the renewable energy technologies income tax credit for solar energy systems for multi-family residential properties from \$350 to \$750. Any revenue exposure to the state is forecasted to be a fraction of a single digit percentage of the tax credits historically provided to residential homeowners.

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.

Hawaii's cost-of-living 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 for housing, often in multi-family dwellings. These renters are often those most in need of assistance, including senior citizens, low-income residents and working families. Electricity costs take a disproportionate share of their fixed income.

During these last few months due to COVID 19, these residents are finding it difficult to manage the expenses for their essential needs such as food and utilities.

The existing investment tax credit for multi-family dwellings is not equitable with that offered to single family homeowners, leaving this population underserved yet again.

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 tax credit, there is little incentive to install PV, denying those who need it most, a break in their utility bills.

We ask the committee to pass the bill immediately and amend page 5 :

SECTION 4. This Act shall take effect on ~~July 1, 2050~~, upon its approval, and shall apply to taxable years beginning after December 31, ~~2020~~ 2019.

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

June 22, 2020, 9:30 A.M.
Room 325
(Testimony is 2 pages long)

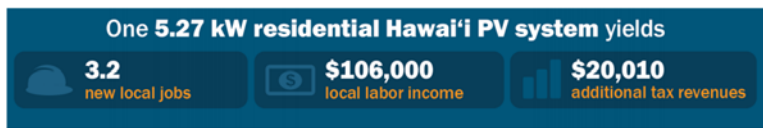
TESTIMONY IN SUPPORT OF SB 2820 SD2

Aloha Chair Lowen, Vice Chair Wildberger, and members of the Energy & Environmental Protection Committee:

Blue Planet Foundation **supports SB 2820 SD2**, a measure to increase the existing renewable energy tax credit for multi-family buildings from \$350 per unit per system to \$750 per unit per system. This important change will increase the accessibility of clean energy for more residents while supporting good local jobs in the solar energy industry and helping Hawaii achieve its climate and renewable energy goals.

Solar energy is currently a bright spot in Hawaii’s progress toward energy independence, and the solar tax credit has been extremely effective at making Hawaii a leader in solar installations—creating local jobs and providing steady revenue from its business creation. Moreover, the installation of solar water heaters, photovoltaic systems, and wind systems helps to plug the leak of billions of dollars out of the islands’ economy to pay for imported fossil fuel. Further, investments in this technology—and the companies and jobs that provide it—pays dividends back to the state in the form of income tax, general excise tax, and outside investment—among other forms.

A Blue Planet-commissioned report in 2013 detailed the economic impacts of Hawaii’s renewable energy tax credit. The peer-reviewed analysis, conducted by former University of Hawaii economist Dr. Thomas Loudat, found that Hawaii’s tax incentive



yields a clear, significant net fiscal benefit to the state. Every residential PV tax credit dollar invested yields \$5.71 that stays in Hawaii and \$34.69 in additional sales, which generates \$1.97 in new tax revenue. For a typical 5.27 kW residential PV installation, the state gains 3.2 local jobs for one year.

Blue Planet would like to highlight two key considerations when deliberating SB 2820:

1. First, multi-family buildings have been largely left behind in our evolution to 100% renewable energy, yet a large percentage of Hawaii's population live in condominiums or apartments. Increasing the solar tax credit will bring it into better alignment with the existing credit for single-family homes, helping to encourage more investment in clean energy for multi-family dwellings. As the State Energy Office highlights in their testimony, many of these units are in highly populated areas with circuits that could more easily handle the addition of more renewable energy.
2. Second, with the scheduled phaseout of the federal tax credit, continued state support is critical to continue growth in the distributed residential and small-scale commercial market.

Every roof in Hawaii should be home to solar energy (either photovoltaic or solar hot water or both). Distributed energy engages more people in our clean energy future, encourages private investment in our power system, increases energy and community resilience, and creates a steady stream of well-paying jobs.

Thank you for the opportunity to testify.

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 5:54:43 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sylvia Dolena	Pele Lani Farm LLC	Support	No

Comments:

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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.

Sylvia Dolena, Pele Lani Farm LLC

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 9:12:46 PM
Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
laurel brier	Kauai women's caucus	Support	No

Comments:

Please support this incentive for more solar energy as one way to decrease our carbon emissions.

Mahalo nui loa

SB-2820-SD-2

Submitted on: 6/21/2020 4:31:09 PM

Testimony for EEP on 6/22/2020 9:30:00 AM



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

Comments:

To: The House Committee on Energy & Environmental Protection

From: **YOUR NAME**

Date: Monday, June 22, 2020, 9:30 am

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

I am a constituent and one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

Rooftop solar is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions, creates and sustains local employment and moves us a little closer to 0 fossil fuels.

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. Please inform me how you voted for this bill.

Tlaloc Tokuda

73-4599 Kukuki St

Kailua Kona HI 96740

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 4:36:05 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jesse Palmer	Individual	Support	No

Comments:

Currently Hawaii has some of the dirtiest energy of any state. We should do everything we can to expand solar power. Especially as we electrify transportation we will need even more electricity than we currently use.

To: The House Committee on Energy & Environmental Protection
From: Brodie Lockard
Date: Monday, June 22, 2020, 9:30 AM

In strong support of SB 2820 SD2

LATE

Dear Chair Lowen and members:

I strongly support SB 2820 SD2.

And over the long term, rooftop solar can reduce Hawaii's cost of living by lowering what is many people's greatest expenses: electricity. And it is one of the most potent tools Hawaii has for reducing our greenhouse gas emissions.

It's one of the few ways individuals can save many thousands of dollars, and also contribute significantly to meeting our clean energy goals.

Rooftop PV pays for itself in a few years. It adds only about 2% to the cost of home construction. But even that cost is 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

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 5:26:36 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
David Leake	Individual	Support	No

Comments:

To: The House Committee on Energy & Environmental Protection

From: David Leake

Date: Monday, June 22, 2020, 9:30 am

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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.

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 6:37:35 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
sharon Levine	Individual	Support	No

Comments:

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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

Sharon Louis

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 7:38:23 PM
Testimony for EEP on 6/22/2020 9:30:00 AM

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

Comments:

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

We need to use more renewable energy sources to mitigate global warming.

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

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 7:46:55 PM
Testimony for EEP on 6/22/2020 9:30:00 AM

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

Comments:

Roof top solar is the way for Hawaii to reduce green house emissions. This tax credit will help more people join the fight to control our climate crisis. Mahalo.

SB-2820-SD-2

Submitted on: 6/21/2020 7:47:49 PM

Testimony for EEP on 6/22/2020 9:30:00 AM



Submitted By	Organization	Testifier Position	Present at Hearing
Kelsey Nichols	Individual	Support	No

Comments:

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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. However, 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. The Climate Crisis requires a shift in each person's lifestyle, which this bill can help facilitate.

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 8:05:24 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Cory Harden	Individual	Support	No

Comments:

Aloha legislators,

It's way past time to deal with the climate crisis. Please support this bill to increase rooftop solar.

Mahalo,

Cory Harden

SB-2820-SD-2

Submitted on: 6/21/2020 10:58:44 PM

Testimony for EEP on 6/22/2020 9:30:00 AM



Submitted By	Organization	Testifier Position	Present at Hearing
muhtadia rice	Individual	Support	No

Comments:

To: The House Committee on Energy & Environmental Protection

From: Muhtadia Rice

Date: Monday, June 22, 2020, 9:30 am

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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.

Muhtadia Rice

LATE

SB-2820-SD-2

Submitted on: 6/21/2020 11:33:39 PM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Wendy Bernier	Individual	Support	No

Comments:

To: The House Committee on Energy & Environmental Protection

From: Wendy Bernier

Date: Monday, June 22, 2020, 9:30 am

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

I know you know all this but here goes ...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.

Wendy Bernier

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 12:08:43 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

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

Comments:

Dear Legislators,

Incentives work! Please pass SB2820 SD2 to increase the tax credit for installation of solar energy systems to \$750 for residents living in multi-family dwellings. Many people would like to do something to help alleviate the climate crisis and this bill will encourage them to do so. We have ten years or less to make a difference for our planet. Let's not waste another year. Please pass this bill this session. Thank you.

Jan Pappas

Aiea, Hawaii

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 3:30:58 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Justin Salisbury	Individual	Support	No

Comments:

SB-2820-SD-2

Submitted on: 6/22/2020 3:53:13 AM

Testimony for EEP on 6/22/2020 9:30:00 AM



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

Comments:

Hello Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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.

LATE

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 7:53:04 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ava Fedorov	Individual	Support	No

Comments:

Aloha Chair Lowen and members:

As one of 350Hawaii's 6,000 members, I strongly support SB 2820 SD2.

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

Sincerely,

Ava Fedorov

LATE

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 8:27:28 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
William Tam	Individual	Support	No

Comments:

LATE

LATE

From: [Sandra Tran](#)
To: [EEPtestimony](#)
Subject: Support SB2717 Shark Protection
Date: Monday, June 22, 2020 8:15:40 AM

Please pass the bill for the protection for sharks.

Mahalo nui loa,

Sandra

LATE

LATE

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 9:56:24 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

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

Comments:

LATE

LATE

LATE

SB-2820-SD-2

Submitted on: 6/22/2020 10:07:27 AM

Testimony for EEP on 6/22/2020 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jeffrey the Barak	Individual	Support	No

Comments:

From: **Jeffrey the Barak**

Date: Monday, June 22, 2020, 9:30 am

In strong support of SB 2820 SD2

Aloha Chair Lowen and members:

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Jeffrey the Barak