

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 & ENVIRONMENTAL PROTECTION
Thursday, January 30, 2020
8:30 AM
State Capitol, Conference Room 325

In SUPPORT of **HB 1934** **RELATING TO CLEAN AND RENEWABLE ENERGY JOBS.**

Chair Lowen, Vice Chair Wildberger, and members of the Committee. The Hawaii State Energy Office (HSEO) supports HB 1934 and provides comments. HB 1934 permits the expenditure of funds from the Energy Security Special Fund for the creation of jobs relating to clean and renewable energy generation, requires the Hawaii Clean Energy Initiative (HCEI) program to develop a plan to increase jobs aligned with the State's transition to a clean energy economy, and appropriates funds.

The HSEO is currently assessing reconvening the Hawaii Clean Energy Initiative in light of the passing of Act 122, Session Laws of Hawaii 2019, which transformed the HSEO into an attached agency with explicit responsibilities for decarbonizing Hawaii's economy. Act 122 also directed the HSEO to be the State's primary government entity for supporting the HCEI and makes the first authorized use of the Energy Security Special Fund to support the work of the HCEI. Central to decarbonizing Hawaii's economy is the creation of clean energy jobs and jobs that enhance Hawaii's resiliency and self-sufficiency. Perhaps the "Hawaii Clean Energy Initiative" could also be reconstituted as the "Hawaii Clean Economy Initiative".

Given that it is already 2020, time is needed to prepare such a plan. It is unlikely that one could be completed by the end of this year, so HSEO respectfully requests that the implementation dates be adjusted to reflect the time needed to contract, prepare, and finalize a plan.

Thank you for the opportunity to testify.

HB-1934

Submitted on: 1/29/2020 7:18:36 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen	Climate Protectors Coalition	Support	No

Comments:

The Climate Protectors Coalition **strongly supports** HB2657!

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 encouraging jobs for clean energy and renewables. Mahalo!



Pono Hawai'i Initiative

Josh Frost - President • Patrick Shea - Treasurer • Kristin Hamada
Nelson Ho • Summer Starr

Wednesday, January 29, 2020

Relating to Clean and Renewable Energy Jobs
Testifying in Support

Aloha Chair and members of the committee,

The Pono Hawai'i Initiative (PHI) **supports HB1934 Relating to Clean and Renewable Energy Jobs**, which will help create jobs that can help support the State's renewable energy goals.

This measure will not only stimulate the economy by supporting the creation of green jobs but it will help create a cleaner future for Hawai'i and help the State meet its 2045 goals of 100% renewable energy.

For all these reasons, we urge you to move this bill forward.

Mahalo for the opportunity,
Gary Hooser
Executive Director
Pono Hawai'i Initiative



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

To: The House Committee on Energy & Environmental Protection
From: Brodie Lockard, Founder, 350Hawaii.org
Date: Thursday, January 30, 2020, 8:30 am

In strong support of HB 1934

Dear Chair Lowen, Vice Chair Wildberger, and members:

350Hawaii.org strongly supports HB 1934.

Meeting upcoming standards and launched initiatives to expand sustainable and efficient energy reliance will require more jobs in clean and renewable energy industries as part of a Green New Deal for Hawaii's workforce.

Research, development, testing, deployment, and permitting of the clean and renewable technologies Hawaii needs will all require new jobs.

This bill will design, implement, administer and fund the creation of a plan to increase the jobs needed in a clean energy economy, especially those that meet or exceed the self-sufficiency standard established by DBEDT.

Moneys from the fund may be expended by the Hawaii State Energy Office to create jobs that advance the State's goals of achieving greater energy security and adapting to climate change. As our emissions reach zero, we'll need jobs that increase clean and renewable energy generation, reduce carbon emissions, expand sustainable agriculture and local food production programs, and advance the State's transition to a clean energy economy.

Let's plan for the jobs a zero-emissions Hawaii will need, so we waste no time in the transition. Please pass HB 1934 to fund that plan.

Brodie Lockard
Founder, 350Hawaii.org



HB 1934 RELATING TO CLEAN AND RENEWABLE ENERGY JOBS

JANUARY 30, 2020 · HOUSE ENERGY AND
ENVIRONMENTAL PROTECTION COMMITTEE ·
CHAIR REP. NICOLE E. LOWEN

POSITION: Support.

RATIONALE: IMUAlliance supports HB 1934, relating to clean and renewable energy jobs, which permits the expenditure of funds from the Energy Security Special Fund for the creation of jobs relating to clean and renewable energy generation and requires the Hawai'i Clean Energy Initiative Program to develop a plan to increase jobs aligned with the State's transition to a clean energy economy.

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 increase clean and renewable energy jobs in Hawai'i, while ensuring that such jobs provide the financial means to thrive in the islands. This measure uplifts both working people and our planet by permitting Energy Security Special Fund moneys to be spent on the creation of green jobs that meet or exceed the self-sufficiency standard established by the Department of Business, Economic Development, Tourism and tasking the Hawai'i Clean Energy Initiative Program with developing a plan to increase jobs aligned with the State's transition to a clean energy economy.

According to DBEDT, a single adult required an income of \$35,143 to achieve self-sufficiency in Hawai'i in 2018, while a single parent with one child required \$59,428. Adjusted for inflation, DBEDT's reporting shows that in 2020, a single minimum wage worker must earn at least \$17.63 to survive on our shores, a number that rises to \$18.22 for Honolulu. At our current statewide minimum wage rate of \$10.10 per hour, by comparison, a full-time minimum-wage employee earns only \$21,008 annually, \$15,000 less than what's needed to meet her basic needs.

Funding programs that swiftly expand our clean energy transition and pay the wages needed to survive in Hawai'i is a win for both working families and our 'āina. In passing this measure, we're showing that championing labor and protecting our environment can be harmonized in a manner that advances prosperity and the common good for all.

HB-1934

Submitted on: 1/29/2020 7:53:23 PM

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

Submitted By	Organization	Testifier Position	Present at Hearing
David Mulinix	Our Revolution Hawaii	Support	No

Comments:

LATE



Chair Nicole Lowen

Vice Chair Tina Wildberger

House Committee on Energy & Environmental Protection

Thursday, January 30, 2020

8:30 AM

TESTIMONY IN STRONG SUPPORT OF HB1934 RELATING TO CLEAN AND RENEWABLE ENERGY JOBS

Aloha Chair Lowen, Vice Chair Wildberger, Members of the House Committee on Energy & Environmental Protection,

My name is Jun Shin. I am a Sophomore at the University of Hawai‘i at Mānoa. I currently serve the Environmental Justice Action Committee Chair for the Young Progressives Demanding Action (YPDA). YPDA advocates for public policies that reflect the values of young people throughout the State of Hawai‘i. YPDA is in **Strong Support** of **HB1934**, Relating to Clean and Renewable Energy Jobs.

As YPDA strives to make Hawai‘i coal-free this legislative session, it’s important to think about what’s next as we deal with the climate crisis and its impacts on our lives. Nationally, the Green New Deal is calling for the mobilization of Americans probably not seen since Franklin Delano Roosevelt’s New Deal during the Great Depression. Demanding a transformation of American society and the economy to deal with both climate change and the need for social and economic equality.

Locally, we have goals such as making Hawai‘i 100% renewable energy by 2045, but those goals need people at work to implement it. This is why YPDA thinks HB1934 is so important. It both would create a 10 year plan from 2020-2030 to create more jobs to help transition us to a clean energy economy while using the Energy Security Special Fund to actually create the jobs, including in sustainable agriculture and local food production.

Just as the Green New Deal seeks to address inequalities, this measure seeks to address economic inequalities. It’s no secret that Hawai‘i faces a high cost of living. Prioritizing jobs that meet or

exceed, “self-sufficiency standard established by the department of business, economic development, and tourism” creates important standards. It makes it clear that just transition to a green economy requires not just more green jobs, but green jobs that insure that workers such as those fossil fuel industries who will be eventually transitioned out, are able to take care of their families. Young Progressives Demanding Action is in **Strong Support** of **HB1934**. Please pass this bill through your committee.

Thank you for the opportunity to testify,
Jun Shin,
Environmental Justice Action Committee Chair
Young Progressives Demanding Action (YPDA)
P.O. Box 11105
Honolulu, HI 96828
Cell: 808-255-6663
Email: junshinbusiness729@gmail.com
CC: action@ypdahawaii.org



Hawaii Solar Energy Association
Serving Hawaii Since 1977

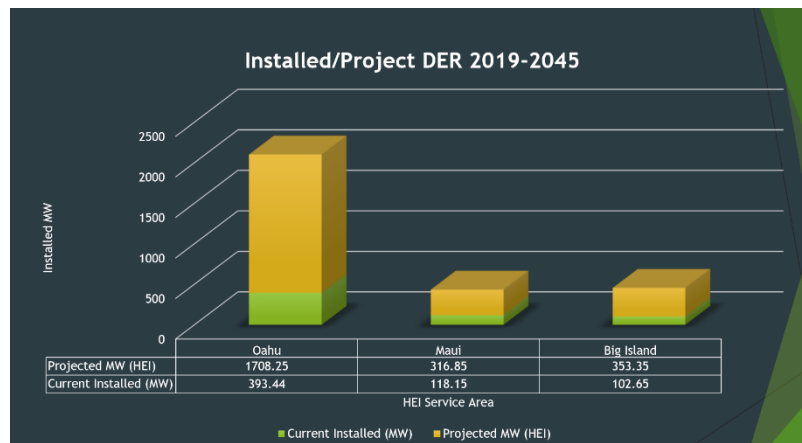
**TESTIMONY OF THE HAWAII SOLAR ENERGY ASSOCIATION
IN REGARD TO HB1934, RELATING TO CLEAN AND RENEWABLE
ENERGY JOBS
BEFORE THE
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION
THURSDAY, FEBRUARY 30TH, 2020**

Chair Lowen, Vice-Chair Wildberger, and members of the committee, my name is Will Giese and I represent 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** HB 1934 and provides comments. This measure permits the expenditure of funds from the energy security special fund for the creation of jobs relating to clean and renewable energy generation. Requires the Hawaii clean energy initiative program to develop a plan to increase jobs aligned with the State's transition to a clean energy economy. Appropriates funds.

As an organization, the HSEA represents several renewable energy service providers, over 60% of which are locally owned and operated in the state of Hawaii. Our membership comprises over 90% of the permit pulling solar industry and we work hard to providing high paying, quality positions across several skill levels. Our members include installers, site surveyors, electricians, designers, engineers, salespeople, financiers, and wholesalers, as well as manufacturers of solar equipment. We directly employ over 2,500 people across the state and indirectly provide jobs through the development of renewable energy to over 5,000 more.¹ We also have one of the highest solar installs per capita and installed over 4500 individual solar systems in Hawaii in 2019 alone. The solar industry also consistently pays the highest entry



¹ <https://www.solarstates.org/#state/hawaii/counties/solar-jobs/2018>



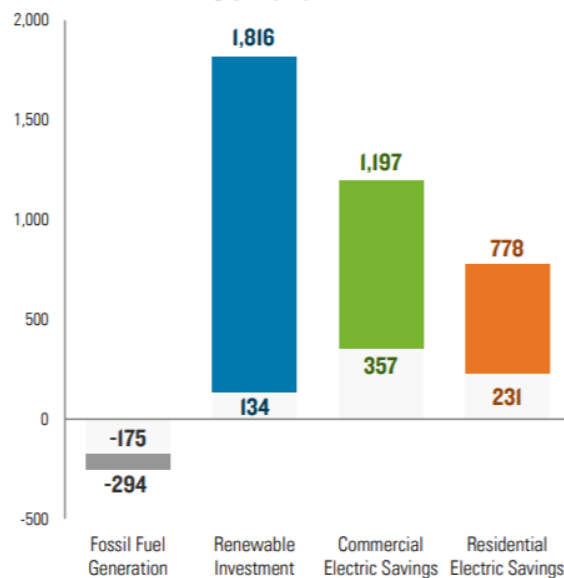
Hawaii Solar Energy Association Serving Hawaii Since 1977

level solar installer salary of any other state, starting at just under \$60,000/year.²

The state of Hawaii has a long road ahead of it to get to 100% renewable by 2045, and this will take a massive transition in the amount and type of clean energy jobs in the state. Hawaii may have one of the highest per capita solar installations in the United States, but to get to 2045 we will need 4 times as many installations from now until 2045 according to our state’s power supply improvement plan.³

Similar states, such as California, are grappling with how to provide employees of the fossil fuel industry good paying jobs as their state’s continues to phase out its reliance on dirty energy. A recent study by Gridworks examining plans to transition natural gas employees into clean energy jobs concluded that “it will be critical to devote care and attention to the circumstances confronting the employees of single fuel companies and provide resources to facilitate their own transitions as well, perhaps including some form of preferential hiring by electric and water utilities. Absent a well-developed and funded effort, these employees will logically resist the transition and make the path to decarbonization that much more challenging”⁴ Another recent study on the Virginia solar workforce concluded that “Expanding our distributed solar capacity to 2,500 MW would

Figure ES.3: Change in employment driven by investment and cost savings from accelerated clean energy deployment
2020-2030 annual average jobs per year relative to Business as Usual



Source: Rhodium Group analysis

lead to an estimated **29,500** direct jobs, plus **17,000** more indirect and induced jobs, resulting in over **\$7 billion** in total economic impact” and that “This new economic activity would generate over \$860 million in federal, state, and local tax revenues.”⁵ Finally, a recent report in the New York Times found that many former coal workers in places like Wyoming and Virginia were able to easily transition to clean energy jobs through non-profit and government sponsored training programs, to positive effect.⁶

We know that Hawaii is primed for a reimagined clean energy

² <https://money.usnews.com/careers/best-jobs/solar-photovoltaic-installer/salary>

³ See April 2017 PSIP draft, Appendix H, page 14.

⁴ https://gridworks.org/wp-content/uploads/2019/09/CA_Gas_System_in_Transition.pdf

⁵ https://virginiasolarforall.com/wp-content/uploads/sites/62/2020/01/CURA_solar_fact_sheet_-_1-22-20.pdf

⁶ <https://www.nytimes.com/2017/09/30/business/energy-environment/coal-alternative-energy-jobs.html>



Hawaii Solar Energy Association

Serving Hawaii Since 1977

economy. The Rhodium Group concluded in its 2018 “Transcending Oil” report that a quicker RPS goal could “see a net increase in average annual statewide employment of 1,522 jobs from new clean energy investment (Figure ES.3). Energy cost savings could increase yearly average employment by an additional 500 to 2,000 jobs.”⁷ All we have to do as a state is decide that this is what we want, and act on it.

As an organization, we want to work with the state and other non-profits in helping to develop and grow the clean energy economy and are well-positioned to do so. As a practical matter, the HSEA offers its services and expertise to the state of Hawaii, the legislature, and the HSEO in any way, shape, or form to help make this transition a reality.

We **STRONGLY SUPPORT** HB 1934 and we urge this committee to pass this measure. Thank you for the opportunity to testify.

⁷ https://rhg.com/wp-content/uploads/2018/04/rhodium_transcendingoil_final_report_4-18-2018-final.pdf

HB-1934

Submitted on: 1/29/2020 8:17:56 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Jan Barosh	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/29/2020 8:02:48 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Julie Stowell	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/28/2020 5:28:03 PM

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

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

Comments:

Dear Honorable Committee Members:

Please support HB1934. Job creation will not only greatly help with Hawaii's problematic landfill issues, but it will also help mitigate climate change, which is already occurring.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei

HB-1934

Submitted on: 1/29/2020 8:45:46 AM

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

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

Comments:

Dear Representatives,

The creation of jobs in renewable energy fields in Hawaii will be critically important in the next 10 years, particularly for those who currently work in the gas industries. Government and the private sector need to work in tandem to facilitate this transition. I strongly support this bill.

HB-1934

Submitted on: 1/29/2020 9:01:32 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
william metzger	Individual	Support	Yes

Comments:

HB-1934

Submitted on: 1/29/2020 7:24:56 AM

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

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

Comments:

I support this bill.

HB-1934

Submitted on: 1/29/2020 9:02:20 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
J Riverstone	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/29/2020 5:58:31 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Lynn Aaberg	Individual	Support	Yes

Comments:

Jobs are always an issue when replacing old technology or outdated infrastructure. Jobs help Hawai'i, and helping create clean energy jobs is beneficial in so many ways.

HB-1934

Submitted on: 1/29/2020 4:45:51 AM

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

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

Comments:

Hello,

My name is Nanea Lo and I'm a lifelong resident of Hawai'i on the island of O'ahu. I am also a masters student at the university of Hawai'i at MÄ• noa in the Department of Urban and Regional Planning. I fully support this bill.

me ke aloha 'Ä• ina,

Nanea Lo

HB-1934

Submitted on: 1/29/2020 4:13:23 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Francine Roby	Individual	Support	No

Comments:

Aloha. I support passage of HB1934 Relating to clean and renewable energy jobs.It is critical to permit the expenditure of funds from the energy security special fund for the creation of local jobs relating to clean and renewable energy generation. Hawaii must focus on creating jobs for the future that help our State to grow economically and sustainably and responsibly. With the requirement for the Hawaii clean energy initiative program to develop a plan to increase jobs aligned with the State's transition to a clean energy economy, Hawaii's wage earners can have hope of joining this fast growing economic sector of clean and renewable jobs right here in Hawaii, without having to leave the State,and our young people can find jobs for the future.. Please pass this bill and appropriates funds. Mahalo.

HB-1934

Submitted on: 1/29/2020 12:28:56 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Calvin Foo Pham	Individual	Support	No

Comments:

I support HB1934, which would create green jobs that are good for our economy and the environment. If we are to be good on our word that we want to live in greater harmony with the environment, be good stewards of our natural resources, and live with greater economic and ecological sustainability, then we should implement take steps such as this to promote these goals. I believe this law would be one of those steps which would help smooth our economic transition. As we continue to adapt our standard practices in government, business, and personal lives, we are going to need facilitators to help guide and administer our state. It is likely these jobs do not exist today, therefore would need a funding source. This bill would provide the clear structure we need to provide funding for these jobs. Furthermore, I am especially pleased with the language that these jobs would meet or exceed the DBEDT standard for self-sufficiency. It is imperative that this remain a core idea of the bill as it promotes the economic sustainability of the job holders and our economy.

HB-1934

Submitted on: 1/28/2020 2:58:44 PM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Randy Ching	Individual	Support	No

Comments:

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

I support HB1934. This is a win-win. Creating good jobs that pay well is a win for workers. Building a clean energy infrastructure is a win for the Earth and all living things -- mitigating the worst effects of the climate emergency.

Please pass HB1934. Mahalo for the opportunity to testify.

Randy Ching

Honolulu (makikirandy@yahoo.com)

HB-1934

Submitted on: 1/29/2020 12:26:34 AM

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

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

Comments:

To: The House Committee on Energy & Environmental Protection

From: Phaethon Keeney

In strong support of HB 1934

Dear Chair Lowen, Vice Chair Wildberger, and members:

Please support HB1934, this is the essence of a GREEN NEW DEAL, the intersection of Jobs, Justice and Environment! HB1934 permits the expenditure of funds from the energy security special fund for the creation of jobs relating to clean and renewable energy generation via the Hawaii clean energy initiative program. It's high time to develop a plan to increase jobs aligned with the State's transition to a clean energy economy, especially jobs that meet the self sufficiency standard to help Hawaii workers stay on their feet. Please pass HB1934 and create more flexible and effective financing for clean energy projects, mahalo!

Phaethon Keeney

HB-1934

Submitted on: 1/28/2020 11:11:14 PM

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

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

Comments:

Please support HB1934.

Mahalo,

Caroline Kunitake

HB-1934

Submitted on: 1/28/2020 7:26:26 PM

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

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

Comments:

HB-1934

Submitted on: 1/29/2020 9:56:11 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Karen Shimizu	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/29/2020 10:55:58 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
ChristopherMcCullough	Individual	Support	No

Comments:

Hawaii needs clean and renewable energy jobs. We can be an example to the world on this! Please enact this bill, mahalo!



SIERRA CLUB OF HAWAI'I

HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

January 30, 2020 8:30 AM Room 325

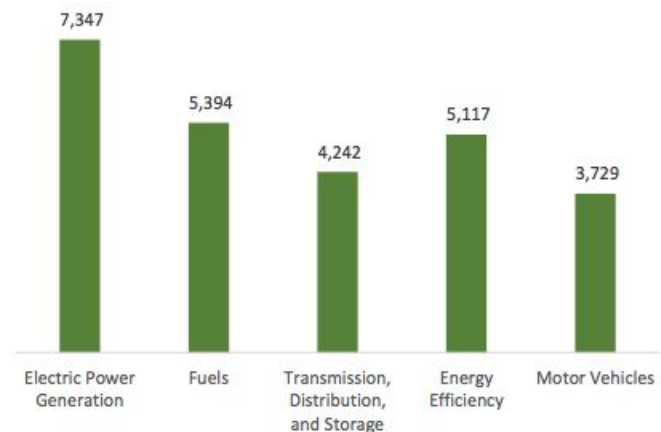
In **SUPPORT** of **HB1934**: Relating to clean and renewable energy jobs

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

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i **supports HB1934**, which permits the expenditure of funds from the energy security special fund for the creation of jobs relating to clean and renewable energy generation and requires the Hawaii clean energy initiative program to develop a plan to increase jobs aligned with the State's transition to a clean energy economy.

According to the 2017 U.S. Department of Energy and Jobs Report, Hawai'i has 16,983 traditional energy workers statewide (See figure 1). The traditional energy sector in Hawaii is 2.6% of total state employment, compared to 2.4% of national employment. The electric power generation segment employs 7,347 workers in Hawaii, 0.9% of the national total. Solar makes up the largest segment with 4,883 jobs, followed by traditional fossil fuel generation at 2,127 jobs.¹

Figure 1. Employment by Major Technology



As Hawai'i continues its path to 100% clean and renewable energy by 2045, the Sierra Club strongly **supports a just transition for traditional energy workers to careers in renewable energy**. Clean energy is not only beneficial for the climate and will protect public health, but will create a new generation of good-paying, middle-class jobs for Hawai'i's families. In addition to growing our green jobs economy, we support utilizing a highly-trained, unionized workforce in the construction and operation of clean energy projects so that workers will receive a living wage, healthcare benefits, and job training.

Thank you very much for this opportunity to provide testimony in **support of HB1934**.

HB-1934

Submitted on: 1/29/2020 11:19:48 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/29/2020 3:59:12 PM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Chris Mentzel	Individual	Support	No

Comments:

HB-1934

Submitted on: 1/29/2020 4:40:36 PM

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

LATE

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

Comments:

Aloha Representatives

This is an absolutely critical measure in the pressing business of transforming our economy and our society into one that embraces a Green Future. We begin from a simple premise: The current economic paradigm is unsustainable and will destroy the environment and ecology of the entire planet if allowed to proceed unabated. Once we understand that this premise is true, there can only be one direction in which we move if we are to survive: away from fossil fuels and toward renewable energy.

In order to make this transformation a successful one, it must be both just and equitable. This means that disenfranchised communities - historically Kanaka Maoli communities especially - cannot be sacrificed in the name of progress, or used as experimental testing grounds, or asked to bear the brunt of the impact of so radically changing our society. This also means that the workers who currently hold positions within the fossil fuel sectors and related industries (many of whom come from those same disaffected communities) cannot be forgotten either. We must, instead, leverage those workers and turn them into the vanguard of our push to a Green Future.

That's why I urge the committee to pass this bill with flying colors. It is critical that we plan this transformation out carefully, and it is imperative that we get moving on it with all haste.

Mahalo!

HB-1934

Submitted on: 1/29/2020 7:17:54 PM

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

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

Comments:

LATE

LATE

HB-1934

Submitted on: 1/29/2020 9:08:26 PM

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

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

Comments:

Dear Chair Lowen, Vice Chair Wildberger, and members:

I strongly support HB 1934.

Our transition to a renewable energy future will require new jobs (and careers), an exciting and promising prospect for Hawaii. New jobs will be required in the areas of energy, transportation, agriculture, construction,... almost all sectors.

This bill will design, implement, and fund the creation of a plan to address the job creation in our clean energy economy, especially those that meet or exceed the DBEDT self-sufficiency standards. It will help enable a just transition to our renewable energy future.

Please pass HB 1934 to fund this plan.

Sincerely,

Noel Morin

Hilo

808 987 7428

LATE

HB-1934

Submitted on: 1/30/2020 8:37:03 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Lana Olson	Individual	Support	No

Comments: