

HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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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 FINANCE
Wednesday, February 19, 2020
4:00 PM
State Capitol, Conference Room 308

In SUPPORT of **HB 1934, HD1** **RELATING TO CLEAN AND RENEWABLE ENERGY JOBS.**

Chair Luke, Vice Chair Cullen, and Members of the Committee, the Hawaii State Energy Office (HSEO) supports HB 1934, HD1, and provides comments. HB 1934, HD1, 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.



February 18, 2020

Representative Sylvia Luke, Chair
Representative Ty J.K. Cullen, Vice Chair
House Committee on Finance

Strong Support of HB 1934, HD1, RELATING TO CLEAN AND RENEWABLE ENERGY JOBS (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. Effective 7/1/2050. (HD1))

FIN Hearing: Wednesday, February 19, 2020, 4:00 p.m., in Conf. Rm. 308

The Land Use Research Foundation of Hawaii (LURF) is a private, non-profit research and trade association whose members include major Hawaii landowners, developers and utility companies. LURF's mission is to advocate for reasonable, rational and equitable land use planning, legislation and regulations that encourage well-planned economic growth and development, while safeguarding Hawaii's significant natural and cultural resources, and public health and safety.

Kama'aina LURF members have been generating and using renewable energy for over 100 years. LURF's members are the leaders in Hawaii's renewable energy research and development, technology, generation, transmission and provide renewable energy opportunities for agriculture, residential, commercial, industrial, and tourism projects.

LURF is in **strong support of HB 1934, HD1.**

HB 1934, HD1. 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; and is effective on July 1, 2050.

LURF's position. LURF is in **strong support of HB 1934, HD1**, and its purpose, which is to create jobs that advance the State's goals of achieving greater energy security and adapting to climate change, and respectfully requests that your Committee favorably consider HB 1934, HD1.

Thank you for the opportunity to provide testimony relating to this measure.



SIERRA CLUB OF HAWAI‘I

HOUSE COMMITTEE ON FINANCE

February 19, 2020 4:00 PM Room 308

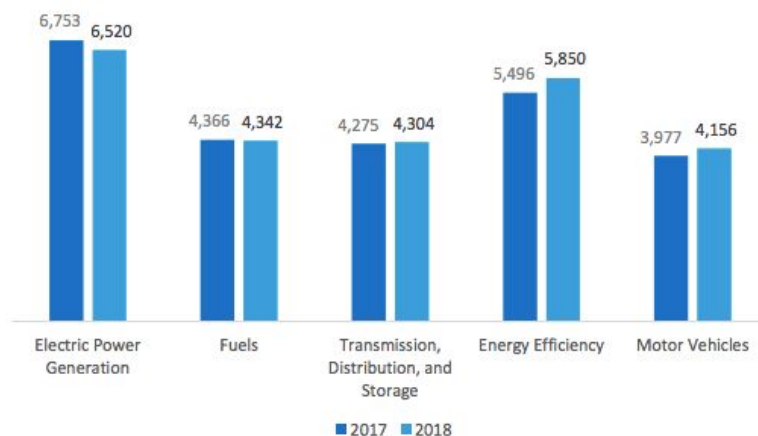
In **SUPPORT** of **HB1934 HD1**: Relating to clean and renewable energy jobs

Aloha Chair Luke, Vice Chair Cullen, 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 2019 U.S. Department of Energy and Employment Report, Hawai‘i has 15,167 traditional energy workers statewide, which is 2.3% of total state employment. Solar makes up the largest portion of electric power generation with 4,138 jobs, followed by fossil fuel generation at 1,949 jobs. In addition to traditional energy workers, Hawai‘i has 5,850 jobs in energy efficiency and 4,156 jobs in motor vehicles (see graph).¹

Employment by Major Energy Technology Application



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**.

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HB 1934, HD1, RELATING TO CLEAN AND RENEWABLE ENERGY JOBS

FEBRUARY 19, 2020 · HOUSE FINANCE
COMMITTEE · CHAIR REP. SYLVIA LUKE

POSITION: Support.

RATIONALE: IMUAlliance supports HB 1934, HD1, 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.



Young Progressives Demanding Action
P.O. Box 11105
Honolulu, HI 96828

Chair Sylvia Luke
Vice Chair Ty Cullen

House Committee on Finance

Wednesday, February 19, 2020
4:00 PM

TESTIMONY IN STRONG SUPPORT OF HB1934 HD1 RELATING TO CLEAN AND RENEWABLE ENERGY JOBS

Aloha Chair Luke, Vice Chair Cullen, Members of the House Committee on Finance,

My name is Jun Shin. I am a Sophomore at the University of Hawai‘i at Mānoa. I currently serve as 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 HD1**, Relating to Clean and Renewable Energy Jobs. This bill permits the expenditure of funds from the Energy Security Special Fund for the creation of jobs relating to clean and renewable energy generation. It would also require 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.

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, as the State of Hawai‘i’s Climate Change Portal puts it, “About 550 cultural sites, 38 miles of major roads, and more than \$19 billion in assets will be vulnerable to chronic flooding resulting from a 3.2 ft increase in sea level. Such widespread flooding will change the character of the island by affecting cultural heritage and daily commerce/lifestyles.” This is just one snippet of how our cultural and natural resources, our economy, our way of life will be negatively impacted by climate change. We need action now and a mobilization of our own. It is poorer communities and future generations who will have to bear the brunt of the climate crises. But it doesn’t have to be this way.

We have made important goals such as making Hawai‘i 100% renewable energy by 2045, but those goals need actual people at work to implement it. This is why our organization thinks this measure is so important. It both would task 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 in a 10 year period, while using the Energy Security Special Fund to begin to actually create the jobs, including in sustainable agriculture and local food production.

Also like the Green New Deal, this measure seeks to address economic inequalities we are facing here in Hawai‘i. It’s no secret that Hawai‘i faces a high cost of living. Prioritizing the creation of jobs that meet or exceed, “self-sufficiency standard established by the department of business, economic development, and tourism” creates important standards that saves the planet while raising the standard of living for families. 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, a number that rises to \$18.22 for Honolulu. At our current minimum wage rate of \$10.10 per hour, by comparison, a full-time minimum-wage employee earns only \$21,008 annually, this clearly isn’t enough to live on.

This makes it abundantly clear that a true just transition to a green economy requires not just more clean and renewable green jobs, but jobs that ensure that workers such as those currently in fossil fuel, plastics, and other harmful industries are able to take care of their families when the time comes, and not be left behind in this new and changing economy. By passing this measure, we will be creating both a win for working people and a win for the environment. Young Progressives Demanding Action is in **Strong Support** of **HB1934 HD1**. 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)
Cell: 808-255-6663
Email: junshinbusiness729@gmail.com
CC: action@ypdahawaii.org

HB-1934-HD-1

Submitted on: 2/18/2020 4:03:45 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

NOTICE OF HEARING

DATE: Wednesday, February 19, 2020

TIME: 4:00 P.M.

Conference Room 308

PLACE: State Capitol

415 South Beretania Street

Aloha Chair Luke, Vice Chair Cullen and members of the Committee on Finance.

The Climate Protectors Coalition strongly supports HB1934!

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 because It helps fund the jobs we will need jobs for clean energy and renewables in order to meet our critical goals to combat the climate crisis. Mahalo!



Pono Hawai'i Initiative

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

Tuesday, February 18, 2020

Relating to Clean and Renewable Energy Jobs
Testifying in Support with amendments

Aloha Chair and members of the committee,

The Pono Hawai'i Initiative (PHI) **supports with amendments HB1934 HD1 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. Unfortunately, this measure contains an effective date of 7/1/2050.

For all these reasons, **we request that the measure move forward with a clean effective date.**

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 Finance
From: Brodie Lockard, Founder, 350Hawaii.org
Date: Wednesday, February 19, 2020, 4:00 pm

In strong support of HB 1934 HD1

Dear Chair Luke and members:

350Hawaii.org's 6,000 members strongly support HB 1934 HD1.

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-HD-1

Submitted on: 2/15/2020 8:09:12 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Aloha Chair Luke, Vice Chair Cullen, Members of the Committee,

As a native Hawaiian biologist, I support HB1934, which would develop a plan to increase jobs in clean and renewable energy. This bill furthers our goal of reaching 100% renewable energy by 2045. We should begin now to create jobs in sustainable agriculture and local food production programs allowing us to not only invest in our communities and help our local economy, but prepare us for a time when natural disasters may cut us off from food imports. Please pass HB1945 HD1

Aloha 'Ä€ina,

Benton Kealii Pang, Ph.D.

HB-1934-HD-1

Submitted on: 2/16/2020 4:40:47 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
cheryl B.	Individual	Support	No

Comments:

I support and request this for many reasons including that it will increase jobs in areas in which will help our islands.

HB-1934-HD-1

Submitted on: 2/16/2020 9:51:05 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

HB-1934-HD-1

Submitted on: 2/16/2020 9:53:54 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

To: The House Committee on Finance

From: **Tlaloc Tokuda, 350 volunteer**

Date: Wednesday, February 19, 2020, 4:00 pm

In strong support of HB 1934 HD1

Dear Chair Luke and members:

I strongly support HB 1934 HD1.

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 and create that plan.

Tlaloc Tokuda

Kailua Kona 96740 HI

HB-1934-HD-1

Submitted on: 2/17/2020 9:37:10 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Dear Chair Luke and members:

I strongly support HB 1934 HD1.

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 and create that plan.

Ryan Christopher

Honokaa HI

HB-1934-HD-1

Submitted on: 2/17/2020 12:03:30 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Hello,

Chair Luke and members of the FIN committee. I support HB1934, which would develop a plan to increase jobs in clean and renewable energy. As Hawai'i advances to 100% clean energy by 2045, it is important we transition the 15,000+ current jobs in the fossil fuel industry to good paying careers in renewable energy. I support HB1934 to help boost our economy, protect public health, and mitigate climate change impacts.

me ke aloha 'Ä• ina,

Nanea Lo

HB-1934-HD-1

Submitted on: 2/17/2020 12:53:37 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Laura Gray	Individual	Support	No

Comments:

HB-1934-HD-1

Submitted on: 2/17/2020 1:27:40 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Soo San Schake	Individual	Support	No

Comments:

HB-1934-HD-1

Submitted on: 2/17/2020 2:32:07 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

HB-1934-HD-1

Submitted on: 2/17/2020 5:08:58 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ashleigh Loa	Individual	Support	No

Comments:

HB-1934-HD-1

Submitted on: 2/17/2020 7:08:50 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

HB-1934-HD-1

Submitted on: 2/18/2020 8:01:41 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Denise Boisvert	Individual	Support	No

Comments:

This testimony is in STRONG SUPPORT of HB1934.

We need to plan for the careers of future generations now.

Several hundred local school children of all ages recently signed petitions in favor of the Honolulu City Council's Bill 40 to regulate plastics on O'ahu. Dozens of them passionately gave testimony about their fear of climate change and the dependence on fossil fuels.

This passion will undoubtedly inspire many of them to pursue a career in clean and renewable energy. Please pass this bill so they will find job opportunities here in Hawai'i and not have to go elsewhere for work.

Thank you for your kind consideration.

HB-1934-HD-1

Submitted on: 2/18/2020 9:18:12 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

HB-1934-HD-1

Submitted on: 2/18/2020 9:57:13 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kim Jorgensen	Individual	Support	No

Comments:

This testimony is to FULLY SUPPORT HB1934 because jobs in clean energy is the way of the future. We need to plan and provide for them.

HB-1934-HD-1

Submitted on: 2/18/2020 10:22:01 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lauren Ballesteros-Watanabe	Individual	Support	No

Comments:

Aloha Chair Luke, Vice Chair Cullen, Members of the Committee,

My name is Lauren Watanabe and I'm writing from Makiki. I **support HB1934**, which would develop a plan to increase jobs in clean and renewable energy, because job creation is one of the most vital things we can do in transforming our economy into reaching our 100% renewable energy by 2045. The climate crisis demands immediate action and is an opportunity to address several crises facing our islands. Working families are struggling to survive here in Hawai'i. A true just transition to a clean economy requires not just green jobs, but green jobs that lift working families out of poverty. I hope to see our state take the perspective that major change is possible and putting local working families quality of life at the core of solutions is the right path to take.

Mahalo for the opportunity to testify in support of HB 1934.

Sincerely,

Lauren Watanabe

HB-1934-HD-1

Submitted on: 2/18/2020 11:44:59 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Please SUPPORT HB1934, Hawaii (and the planet) needs a Green New Deal that intersects jobs, justice and the environment! Mahalo!

Phaethon Keeney

Honokaa Hawaii

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 5:40:48 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Dear Chair Luke and the House Finance Committee Members,

Hawaii needs a plan--a big, detailed plan--to transition all Hawaii fossil fuel (coal, oil and gas) jobs to clean, renewable energy jobs and to prepare for the green economy ahead of us. Something this important should not be left to chance (cf. the Ka Makani wind energy project that continues to suffer from poor planning). Meeting our State renewable energy goals will require increased employment in clean and renewable energy industries. With no plan for how to approach this formidable change, we are doomed to failure, including State funds not well spent.

Bill SB3036 SD1 ensures that the Hawaii clean energy initiative will design, implement, and administer activities that include:

- Forming strategic partnerships when planning renewable energy initiatives, including research, development, testing, deploying and permitting of projects
- Evaluating near-term renewable energy projects for viability (considering engineering and economic factors)
- Ensuring electric grid reliability and security
- Keeping Hawaii citizens informed via our school system with up-to-date information on changing technologies and projects (transparency!)
- Promoting Hawaii's clean and renewable resources to potential partners and investors
- A plan (2011 to 2030) to transition the State to a clean energy economy
- A plan (2011 to 2030) to assist each county in transitioning to a clean energy economy
- A plan (2020 to 2030) to increase jobs aligned with the State's transition to a clean energy economy

We have a great goal (100% renewable energy); now we need a well-thought-out plan.

Let's not wait another year. Let's get started. Please pass SB3036 SD1.

Thank you,

Jan Pappas

Aiea, Hawaii

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 6:36:13 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dyson Chee	Hawaii Youth Climate Coalition	Support	No

Comments:

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 6:48:39 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:



HB-1934-HD-1

Submitted on: 2/18/2020 9:42:01 PM
Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

To: The House Committee on Finance
From: **Katherine Kazlauskas**
Date: Wednesday, February 19, 2020, 4:00 pm

In strong support of HB 1934 HD1

Dear Chair Luke and members:

I strongly support HB 1934 HD1.

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 and create that plan.

Katherine Kazlauskas

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 9:01:42 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kim Watts	Individual	Support	No

Comments:

Aloha Chair Luke, Vice Chair Cullen, Members of the Committee,

My name is Kim Watts and I'm a member of Faith Action for Community Equity and I support HB1934, which would develop a plan to increase jobs in clean and renewable energy, because the citizens of Hawaii and their families deserve nothing less. By providing much needed green jobs, local residents can finally make a livable wage while giving back to their communities through local food production. Green jobs will provide knowledge in sustainable agriculture and local food production programs allow us to not only invest in our communities and help our local economy, but prepare us for a time when natural disasters may cut us off from food imports

.

Mahalo for this opportunity to provide testimony on HB1934

Respectfully,

Kim Watts

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 9:04:38 PM
Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Dear Chair Luke and Members of the Committee on Finance,

I am writing in support of HB1934 HD1.

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 and create that plan.

Mahalo,

Caroline Kunitake

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 10:03:10 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

To: The House Committee on Finance

From: Dr. John and Debra Nix, Kihei

Date: Wednesday, February 19, 2020, 4:00 pm

In strong support of HB 1934 HD1

Dear Chair Luke and members:

I strongly support HB 1934 HD1.

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 and create that plan.

Mahalo,

Dr. John and Debra Nix, Kihei

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 10:38:37 PM
Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

Dear Chair Luke and Members,

I strongly support HB1934. We need to plan for a zero-emissions future, and making a plan to have jobs in place is imperative!

Mahalo,

Lynn Aaberg

LATE

HB-1934-HD-1

Submitted on: 2/18/2020 10:40:05 PM

Testimony for FIN on 2/19/2020 4:00:00 PM

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 HB1934 HD1

Mahalo and kind regards.

LATE

HB-1934-HD-1

Submitted on: 2/19/2020 10:14:45 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

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

Comments:

LATE

HB-1934-HD-1

Submitted on: 2/19/2020 11:49:08 AM

Testimony for FIN on 2/19/2020 4:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
jennifer valentine	Individual	Support	No

Comments:

aloha

I support HB1934, which would develop a plan to increase jobs in clean and renewable energy. As Hawai'i advances to 100% clean energy by 2045, it is important we transition the 15,000+ current jobs in the fossil fuel industry to good paying careers in renewable energy. I support HB1934 to help boost our economy, protect public health, and mitigate climate change impacts.