

# HB623 HD2 SD1

Measure Title: RELATING TO RENEWABLE STANDARDS.

Report Title: Renewable Portfolio Standards; Clean Energy Initiative

Description: Increases renewable portfolio standards to thirty per cent by December 31, 2020, sixty per cent by December 31, 2030, seventy per cent by December 31, 2035, and one hundred per cent by December 31, 2045. Adds the impact on renewable energy developer energy prices and the cost of fuel volatility to PUC study and reporting requirements. (SD1)

Companion:

Package: None

Current Referral: ENE, CPN

Introducer(s): C. LEE



**DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM**

DAVID Y. IGE  
GOVERNOR

LUIS P. SALAVERIA  
DIRECTOR

MARY ALICE EVANS  
DEPUTY DIRECTOR

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
Web site: www.hawaii.gov/dbedt

Telephone: (808) 586-2355  
Fax: (808) 586-2377

Statement of  
**LUIS P. SALAVERIA**  
**Director**  
Department of Business, Economic Development, and Tourism  
before the  
**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**  
Wednesday, April 1, 2015  
9:30 a.m.  
State Capitol, Conference Room 229  
in consideration of  
**HB 623, HD2, SD1**  
**RELATING TO RENEWABLE STANDARDS.**

Chair Baker, Vice Chair Taniguchi, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports HB 623, HD2, SD1, which requires the electric utility companies to develop a Renewable Portfolio Standard (RPS) of 30% for 2020, 60% for 2030, 70% for 2035 and 100% for 2045.

DBEDT supports more aggressive RPS goals than currently set in statute, including going beyond 40% RPS prior to 2030 to drive short term investments. The inclusion of the aspiration goal of 100% is consistent with the Ige Administration's intent to achieve a 100% RPS in the electricity sector, and we are confident that adoption of this target will inform long term investment and innovation in Hawaii's clean energy sector.

We point out that Hawaii is well beyond its interim 2015 renewable targets. Hawaiian Electric Industries (HEI) Companies is nearing a 23% RPS five years prior to the 25% 2020 interim goal and has charted a Preferred Plan that achieves 67% renewable by 2030 in its recent Power Supply Improvement Plan.

Clearly, Hawaii is capable of going well beyond 40% renewable by 2030 and the RPS targets of HB 623 HD2 SD1 make a bold statement of Hawaii's values and reflect the urgency of near term action to accelerate and increase our progress on Hawaii's energy transformation.

Thank you for the opportunity to offer these comments in support of this measure.



DAVID Y. IGE  
GOVERNOR

SHAN S. TSUTSUI  
LT. GOVERNOR

**STATE OF HAWAII  
OFFICE OF THE DIRECTOR  
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS**

335 MERCHANT STREET, ROOM 310  
P.O. Box 541  
HONOLULU, HAWAII 96809  
Phone Number: 586-2850  
Fax Number: 586-2856  
[www.hawaii.gov/dcca](http://www.hawaii.gov/dcca)

CATHERINE P. AWAKUNI COLÓN  
DIRECTOR

JO ANN M. UCHIDA TAKEUCHI  
DEPUTY DIRECTOR

TO THE SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION

THE TWENTY-EIGHTH LEGISLATURE  
REGULAR SESSION OF 2015

WEDNESDAY, APRIL 1, 2015  
9:30 a.m.

TESTIMONY OF JEFFREY T. ONO, EXECUTIVE DIRECTOR, DIVISION OF  
CONSUMER ADVOCACY, DEPARTMENT OF COMMERCE AND CONSUMER  
AFFAIRS, TO THE HONORABLE ROSALYN H. BAKER, CHAIR,  
AND MEMBERS OF THE COMMITTEE

HOUSE BILL NO. 623, H.D. 2, S.D. 1 - RELATING TO RENEWABLE STANDARDS

**DESCRIPTION:**

This measure proposes to increase Renewable Portfolio Standards (“RPS”) to 30 percent by December 31, 2020, 60 percent by December 31, 2030, 70 percent by December 31, 2035, and 100 percent by December 31, 2045, and adds the impact on renewable energy developer energy prices and the cost of fuel volatility to Public Utilities Commission (“PUC”) study and reporting requirements.

**POSITION:**

The Division of Consumer Advocacy supports the intent of this bill and offers the following comments.

**COMMENTS:**

The Division of Consumer Advocacy supports the integration of increasing levels of renewable energy and acknowledges the benefits of “stretch” goals in order to encourage action.

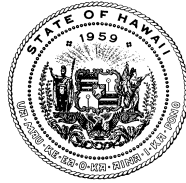
In Hawaiian Electric's report to the PUC dated December 31, 2014, Hawaiian Electric reported that it had achieved an RPS of 21.3%. Thus, Hawaiian Electric has already surpassed the current RPS goal of 20% by 2015. Therefore, it would not be unreasonable to push the RPS goal for 2020 from 25% to 30%.

Furthermore, Hawaiian Electric Co.'s Power Supply Improvement Plans ("PSIPs") filed with the PUC on August 26, 2014, indicated that Hawaiian Electric would not only meet the 40 percent RPS by 2030, but it could reach a 65 percent RPS even without an undersea transmission cable. Although the PSIPs have not yet been fully vetted in the PUC proceeding, Hawaiian Electric's analysis of reaching a 65 percent RPS by 2030 would suggest that even higher RPS goals beyond 2030 are achievable.

On the other hand, the legislature must keep in mind that reaching these high RPS goals will come with ever increasing technical challenges and potential additional costs. A recently conducted study by General Electric ("GE") concluded that it is *possible* that Hawaii will be able to meet its 40% RPS goal if certain challenges and uncertainties are addressed. The GE study also stated that greater levels of renewable energy may be possible, but these higher levels of renewable energy are associated with measures that need to be further evaluated (e.g., interisland electric transmission cable and renewable energy projects at sites where communities have already expressed objection). The GE study would suggest that we should proceed cautiously when attempting to set higher RPS goals that go beyond 2030.

The Consumer Advocate supports the intent of this bill to have the State's electric utilities adopt higher RPS goals.

Thank you for this opportunity to testify.



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 S BERETANIA ST., SUITE 702  
HONOLULU, HAWAII 96813  
Tel. (808) 586-4185  
Fax. (808) 586-4186  
oeqchawaii@doh.hawaii.gov

**Testimony in SUPPORT of HB623 HD2 SD1  
RELATING TO RENEWABLE STANDARDS**

SENATOR ROSALYN H. BAKER, CHAIR  
SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION  
Hearing Date: 04/01/15 Room Number: 229

1 **Office Testimony:** The Office of Environmental Quality Control (OEQC) supports HB623,  
2 HD2, SD1. OEQC believes setting a long-term target for Hawai'i to become energy independent  
3 via renewable sources establishes a strong vision to achieve the maximum long-term benefit to  
4 Hawai'i's environment and economy.

5 Further, we appreciate that this measure acknowledges that extending the renewable  
6 portfolio standard goals and transition to energy independence beyond 2030 shall be undertaken  
7 in a manner that benefits Hawai'i's economy and all electric customers, maintains customer  
8 affordability, and does not induce renewable energy developers to artificially increase the price  
9 of renewable energy in Hawai'i.

10 **Fiscal Implications:** OEQC takes no position on the fiscal implications of this bill, deferring to  
11 the Governor's Executive Budget Request for fiscal priorities.

**Testimony before the  
Senate Committee on Commerce and Consumer Protection**

**April 1, 2015, 9:30 am  
Conference Room 229**

**H.B. No. 623 H.D. 2, S.D. 1 – Relating to Renewable Standards**

**By Scott Seu  
Vice President, System Operation  
Hawaiian Electric Company, Inc.**

*Chair Baker, Vice-Chair Taniguchi and Members of the Committee:*

My name is Scott Seu. I am Vice President for System Operation at Hawaiian Electric Company. I am testifying on behalf of Hawaiian Electric and its subsidiary utilities, Maui Electric and Hawaii Electric Light (collectively “Companies”).

We support the establishment of an aspirational 100% renewable energy goal for 2050; however, we do not support this bill in its current form. We previously raised our concern that the bill no longer addresses the potential negative impacts to small customers if large self-generators are able to step around the State’s clean energy policy and continue to burn fossil fuels.

Additionally, this draft of the bill proposes increased renewable portfolio standards (“RPS”) requirements for 2020 and 2030 that were suggested in the testimony of the Department of Business, Economic Development, and Tourism (“DBEDT”). We believe any changes to the 2020 and 2030 should be deferred until a more thoughtful and holistic review for the current RPS is completed given the likelihood that such changes will have a significant impact to customers in the very near future. This review of the RPS is already required by the existing RPS law and is scheduled to take place in 2018. Specifically, HRS §§ 269-95(3) and (4) require that the Public Utilities Commission (“PUC”) study and evaluate the existing RPS in a holistic manner every five (5) years and revise the RPS based on the best information available at the time to determine if the standards remain effective and achievable. Under HRS § 269-95(3), the PUC is required to assess factors such as: (1) impacts on consumer rates; (2) system reliability and stability; (3) costs and availability of renewable energy resources and technologies; (4) effects on the economy; (5) balance of trade, culture, community and environment; (6) climate change policies; (7) demographics; and (9) other factors deemed appropriate by the PUC.

If a review of the current RPS is desired prior to 2018, we propose that it be led by the Hawaii Clean Energy Initiative (“HCEI”), whose executive management team consists of the leadership of DBEDT, the PUC and the State Consumer Advocate.

While DBEDT noted in its testimony that the accelerated RPS targets are based on the Companies’ Power Supply Improvement Plan (“Plan”) filed last year to the PUC, there is still uncertainty as to whether the Plan will be supported by key stakeholders and

decision makers, including DBEDT, which itself filed numerous comments about the Plan. The Plan is still pending regulatory and stakeholder review.

As I have testified on previous versions of this bill, the Companies support setting an aspirational goal of 100% renewables for 2050, provided that the RPS statute reflects the provisions contained in the preamble to the bill, namely that “extending the renewable portfolio standard... beyond 2030 shall be undertaken in a manner that benefits Hawaii’s economy and all electric customers, maintains customer affordability, and does not induce renewable energy developers to artificially increase the price of renewable energy in Hawaii.” These provisions are sufficiently addressed in the companion to this measure, S.B. 715 S.D. 2.

Accordingly, we respectfully ask that this bill either be held or amended to adopt the language of S.B. 715 S.D. 2. Any consideration of changes to the 2020 and 2030 RPS requirements, and adoption of a 2035 RPS requirement, should be deferred to the PUC review in 2018, or alternatively, to the HCEI.

Thank you for this opportunity to testify.



**Hawaii Solar Energy Association**  
*Serving Hawaii Since 1977*

Before the Senate Committee on Commerce and Consumer Protection  
Wednesday, April 1, 2015, 9:30 a.m., Room 229  
HB 623 HD 2 SD 1: RELATING TO RENEWABLE STANDARDS

Aloha Chair Baker, Vice-Chair Taniguchi, and members of the Committee,

On behalf of the Hawaii Solar Energy Association (HSEA), I would like to testify in support for HB 623 HD 2 SD 1, which increases our renewable portfolio standards to 70 percent by 2035, and 100 percent by 2045. HSEA is a non-profit trade organization that has been advocating for solar energy since 1977, with an emphasis on both solar hot water (SHW) and residential and small commercial distributed generation (PV). We currently represent 90 member companies, which employ thousands of local employees working in the solar industry. With 38 years of advocacy behind us, HSEA's goal is to work for a sustainable energy future for all of Hawaii.

Under our current RPS, Hawaii will achieve its goal of 70 percent clean energy by 2030, which means that by 2030, 40 percent of our electricity generation will come from renewable sources. Although this is a significant achievement, it is only a start in the right direction. Allowing the current RPS to stand as is means that by 2030 Hawaii would still depend upon fossil fuels for 60 percent of its electricity generation. HB 623 HD 2 SD 1 updates our RPS by providing the next step beyond 2030, with the goal of energy independence and affordability. In addition, HB 623 HD 2 SD1 includes an amendment that increases the RPS from 40 percent to 60 percent by 2030, which is in alignment with the utility's stated goals in its Power Supply Improvement Plan.<sup>1</sup> By having a clear goal in place beyond 2030, the planning and investment for increased renewables can start now.

In addition, HB 623 HD 2 SD 1 includes several circumstances and conditions whereby the electric utility would be exempt from the updated standards. These conditions include the potential inability of the utility to acquire sufficient renewable energy in a manner that is beneficial to Hawaii's economy. This provision safeguards the state's economy, while still providing clear direction and leadership.

Thank you for hearing this key bill. We respectfully ask that you forward this bill with a target of 100 percent renewables by 2045.

Thank you for the opportunity to testify,

Leslie Cole-Brooks  
Executive Director  
Hawaii Solar Energy Association

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<sup>1</sup> Docket No. 2011-0206-Reliability Standards Working Group-Hawaiian Electric Power Supply Improvement Plan, dated August 26, 2014, page 1, where under the "Preferred Plan" a diversified mix of technologies including distributed and utility scale generation "...will result on a consolidated basis in over 65% of the Companies' energy being produced from renewable resources by 2030..."





Testimony Before the Senate Committee on  
Commerce and Consumer Protection

By Michael Yamane, P.E.  
Chief of Operations  
Kauai Island Utility Cooperative  
4463 Pahee Street, Suite 1, Lihue, Hawaii, 96766-2000

Wednesday, April 1, 2015, 9:30 a.m.  
Conference Room #229

**House Bill No. 623, HD2, SD1 – Relating to Renewable Standards**

To the Honorable Rosalyn H. Baker, Chair; Brian T. Taniguchi, Vice-Chair, and Members of the Committee:

Kauai Island Utility Cooperative (“KIUC”) would like to offer comments on HB 623, HD2, SD1.

The No. 1 priority for the 26,000 members of our cooperative is lower electric bills. They have been clear that they do not endorse a “renewables at any cost” approach.

By the end of this year, 40 percent of Kauai’s energy will come from renewable resources, a huge accomplishment, especially when considering we were at about 5 percent in 2009.

For the next 60 percent, KIUC is looking at a mix of renewables, biofuels, energy storage and fossil fuels. KIUC believes in a diversified approach to power generation and that no reasonable options should be excluded.

A KIUC strategic goal of achieving 50% renewable generation by 2023 was set by our elected board of directors and was not the result of a legislative mandate. An increase to the existing State RPS requirement could have unintended consequences for the members of KIUC.

KIUC also questions the necessity of such legislation on an electric cooperative, whose members annually elect the directors and who participated in the creation of the 2013-2025 Strategic Plan, which is available at <http://www.kiuc.coop/content/strategic-plan>.

The plan reflects key goals that include decreasing the average bill by 10 percent, reducing carbon emission levels to 1990 levels and, as previously stated, generating at least 50 percent of Kauai’s electricity by using renewable resources.

While a goal of achieving 100% renewable generation is laudable, perhaps it should be done through a resolution and not in state law.

Thank you for your consideration.



Email: [communications@ulupono.com](mailto:communications@ulupono.com)

SENATE COMMITTEE ON COMMERCE & CONSUMER PROTECTION  
Wednesday, April 1, 2015 — 9:30 a.m. — Room 229

### **Ulupono Initiative Supports HB 623 HD 2 SD 1, Relating to Renewable Standards**

Dear Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

We are Murray Clay and Kyle Datta, respectively Managing Partner and General Partner of the Ulupono Initiative, a Hawai'i-based impact investment company that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally grown food, increase clean, renewable energy, and waste reduction. We believe that self-sufficiency is essential to our future prosperity, and will help shape a future where economic progress and mission-focused impact can work hand in hand.

**Ulupono supports HB 623 HD 2 SD 1**, which increases the renewable portfolio standards to 70% in 2035 and 100% in 2045, because it aligns with society's goal of producing more clean, renewable energy in Hawai'i.

HB 623 HD 2 SD 1 improves the current renewables standards statute in two important ways:

- (1) Establishing, for the first time, energy targets beyond 2030;
- (2) Empowering the PUC to waive compliance with those targets, if utilities are unable to "acquire sufficient renewable electrical energy to meet the 2035 and 2045 renewable portfolio standard goals in a manner that is beneficial to Hawai'i's economy in relation to comparable fossil fuel resources."

We believe we need to extend and raise the renewable portfolio standards to force the utility to ask the right questions in the planning process in order to learn how to configure the electrical system to maximize the use of Hawai'i's renewable resources. We are supportive of data-driven methodology to determine future policies and decisions. Since the Renewable Portfolio Standard sets legally mandated targets, which are reflected in other Public Utilities Commission proceedings, this legislative approach will set the right framework.

There are significant economic development benefits from creating this framework. Renewable energy projects create more local jobs, particularly in rural communities. The

*Investing in a Sustainable Hawai'i*



less money that is exported from the state for fossil fuels means more money to fuel our state's economy. Renewable energy provides certainty in energy costs, which improves the business investment climate necessary for the state to compete in the 21<sup>st</sup> century. Renewable energy systems are more resilient in the face of natural or man made disasters, which means our islands will recover faster from hurricanes and similar catastrophes.

Ulupono pragmatically recognizes that with the current technologies available, we can technically obtain 100% renewables, but the last 10-20%, depending on the county, would come at a great cost. No party will be able to accurately predict what future technologies may be available in 2040 or 2045. Thus, this bill allows the PUC to waive the targets should it not be beneficial to Hawai'i ratepayers.

As Hawai'i's energy issues become more complex and challenging, we appreciate this committee's efforts to look at policies that support renewable energy production.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay  
Managing Partner

Kyle Datta  
General Partner



**Directors**

Jody Allione  
Project Development  
Consultant

Joe Boivin  
Hawaii Gas

Kelly King  
Pacific Biodiesel

Warren S. Bollmeier II  
WSB-Hawaii

TESTIMONY OF WARREN BOLLMEIER ON BEHALF OF THE  
HAWAII RENEWABLE ENERGY ALLIANCE BEFORE THE  
SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION

HB 623 HD2 SD1, RELATING TO RENEWABLE STANDARDS

April 1, 2015

Chair Baker, Vice-Chair Taniguchi and members of the Committee, I am Warren Bollmeier, testifying on behalf of the Hawaii Renewable Energy Alliance (HREA). HREA is an industry-based, nonprofit corporation in Hawaii established in 1995. Our mission is to support, through education and advocacy, the use of renewables for a sustainable, energy-efficient, environmentally-friendly, economically-sound future for Hawaii. One of our goals is to support appropriate policy changes in state and local government, the Public Utilities Commission and the electric utilities to encourage increased use of renewables in Hawaii.

The purposes of HB 623 HD2 SD1 are to: (i) increase renewable portfolio standards to thirty per cent by December 31, 2020, sixty per cent by December 31, 2030, seventy per cent by December 31, 2035, and one hundred per cent by December 31, 2045; and (ii) add the impact on renewable energy developer energy prices and the cost of fuel volatility to PUC study and reporting requirements

HREA **supports** this measure with the following comments:

- 1) Impact of the Existing RPS. While controversial in its inception, RPS has provided the overall policy umbrella for our state to increase our use of renewables in the electricity sector up to now. And we have consistently exceeded the interim goals.
- 2) Without RPS. It is clear to us that we would not have reached our current level of renewables in Hawaii if we had not mandated RPS.
- 3) Energy Independence. Thus, if we are to reach a RPS of 100%, we need to mandate it, and now is the time.

Please pass out this measure out.

Mahalo for this opportunity to testify.



**SENATE COMMITTEE ON COMMERCE & CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M., Room 229

(Testimony is 1 page long)

**TESTIMONY IN STRONG SUPPORT OF HB 623 HD2 SD1**

Chair Baker, Vice-Chair Taniguchi, and members of the Committee:

Thank you for hearing HB 623, which will establish a long-term vision for energy in Hawai'i. Blue Planet Foundation strongly supports this measure. 100% clean local energy is the right thing to do, for Hawai'i's people, economy, and environment.

Blue Planet prefers the original target date of 2040. 2040 is a quarter-century away, and Hawai'i consumers deserve a 100% local energy vision within this time scale.

As explained by the data in fact sheets and other information included with Blue Planet's testimony to date, 100% clean energy is achievable and cost-effective. Moreover, the current draft of the bill expressly ensures that the renewable portfolio standards will continue to be implemented with PUC oversight in a manner that benefits Hawai'i's economy.

The current draft of the bill:

- (1) Empowers the PUC to waive compliance if utilities are unable "to acquire sufficient renewable electrical energy to meet the 2035 and 2045 renewable portfolio standard goals in a manner that is beneficial to Hawaii's economy in relation to comparable fossil fuel resources." See Section 2(2)(d)(10).
- (2) Empowers the PUC to evaluate achievability of future standards based on factors that include "the impact of renewable portfolio standards, if any, on the energy prices offered by renewable energy developers." See Section 3(3)(A)(s).

Public interest in this measure is substantial, and growing:

- On March 15, the Honolulu Star-Advertiser editorial board endorsed a 100% renewables target: "*State should seek ambitious energy goals.*"
- On March 12, the Honolulu Star-Advertiser conducted an online poll, finding that a strong majority of readers support a 100% renewable target.

- On March 4, 2015, the Honolulu Star-Advertiser ran an op-ed by Governor George Ariyoshi, development executive Christine Camp, and Dean of the UH College of Engineering Peter Crouch: "*Hawaii's renewable energy goal should be 100%.*"

Thank you for hearing HB 623, and for allowing us this opportunity to testify. We respectfully, but urgently, ask you to forward this important bill.

**From:** [Asia Yeary](#)  
**To:** [CPN Testimony](#)  
**Subject:** Support for HB 623. Please.  
**Date:** Tuesday, March 31, 2015 8:28:14 AM

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Dear Senate Committee on Commerce and Consumer Protection,

I am an Oahu resident and I strongly support HB 623, because we need to become more sustainable as an island and import less fossil fuels. Please join me in supporting HB 623 in setting a long-term target for energy independence in Hawaii.

I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.”

I hope you will agree that it is time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy.

Thank you for listening.  
I hope you have a great day.

Sincerely,  
Asia

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [bjborgnino@gmail.com](mailto:bjborgnino@gmail.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 6:13:02 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Barbara Borgnino	Individual	Support	No

Comments: I support this Bill

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**From:** [Barbara C. Sterne](#)  
**To:** [CPN Testimony](#)  
**Cc:** [Blue Planet Foundation](#)  
**Subject:** HB 623  
**Date:** Monday, March 30, 2015 4:07:03 PM

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Good afternoon,

I support HB 623 and encourage you to pass this very important bill. Using fossil fuels to provide energy in a state that has sunshine virtually every day, trade winds much of the time, and access to other forms of renewable energy as well is ridiculous. Right now many of us who have installed solar for power are providing all our 'extra' to HELCO - if they would step up and install a means to store this energy (instead of 'stalling' and dragging their feet), we would all ultimately be better off. Sadly, as it stands now, those least able to afford the high energy price here in the islands are also the ones who are unable to afford to install solar for themselves. It is time for the government of Hawaii to take this step forward to bring 100% renewable energy to Hawaii.

Thank you.

Barbara C Sterne  
PO Box 44571  
Kamuela, HI 96743  
808 882-1513

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [bcole47@hawaiiintel.net](mailto:bcole47@hawaiiintel.net)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 1:48:33 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Betsy Cole	Individual	Comments Only	No

Comments: I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. Hawaii cannot afford to wait.

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**From:** [Bill Metzger](#)  
**To:** [CPN Testimony](#)  
**Subject:** House Bill 623  
**Date:** Monday, March 30, 2015 2:47:26 PM

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Let me lend my support to the passing of HB 623. Let's lead the nation in moving to 100% renewable energy by 2040...and NO later.

IMUA!!!

Bill Metzger  
988-6220  
3120 Beaumont Woods Place  
Honolulu 96822

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [naturadoc@gmail.com](mailto:naturadoc@gmail.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 6:05:18 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Bonnie Marsh	Individual	Support	No

Comments: Please support 100% renewable power for all of Hawaii's citizens and businesses. Mahalo

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**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [carl.campagna@kamakagreen.com](mailto:carl.campagna@kamakagreen.com)  
**Subject:** \*Submitted testimony for HB623 on Apr 1, 2015 09:30AM\*  
**Date:** Tuesday, March 31, 2015 8:09:28 AM

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**HB623**

Submitted on: 3/31/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Carl Campagna	Individual	Support	No

Comments:

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**From:** [Colleen Wallis](#)  
**To:** [CPN Testimony](#)  
**Subject:** HB 623  
**Date:** Monday, March 30, 2015 4:53:10 PM

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Please support the bill HB 623 for 100% renewable electricity. We the residents of Hawaii need a break from high electric bills. It's silly to pay for Electricity when we have the sun's energy to power our electricity.

Let's use what nature has provided for us.

Sincerely,  
Colleen Miyose-Wallis  
Kailua, Kona resident

**From:** [David Pettus](#) on behalf of [Dave and Sherry Pettus](#)  
**To:** [CPN Testimony](#)  
**Subject:** YES for HB 623  
**Date:** Monday, March 30, 2015 6:01:32 PM

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Aloha and thank you for this opportunity to testify.

A YES vote on HB 623, establishing a target for Hawaii's energy independence by the year 2040, will help clear away some of the stalling efforts by special interests, increase the likelihood that Hawaii will be ready before mainland energy imports inevitably decline. Please give our future the best possible chance by voting YES on HB 623.

Thank you very much.

Sincerely,

David H. Pettus, Ph.D.  
Sharon C. Pettus, Ph.D.

**From:** [Dennis O'Shea](#)  
**To:** [CPN Testimony](#)  
**Subject:** Hawaii 100% Clean Renewable Energy  
**Date:** Monday, March 30, 2015 3:53:19 PM

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I support this and hope you will too.  
We are way too vulnerable to any energy supply lines breakdown.  
Mahalo.

Dennis O'Shea  
Maui

**From:** [Donna Ambrose](#)  
**To:** [CPN Testimony](#)  
**Subject:** HB623 - Support  
**Date:** Tuesday, March 31, 2015 8:15:37 AM

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Aloha,

I strongly support HB623. Hawaii needs aggressive goals for producing 100% of its energy from renewable sources. A deadline of 2040 is achievable if the utility companies work towards that date, rather than the casual schedule HECO (and NextEra) have set for themselves. Further, as a ratepayer, I object to the massive expenditures required to “build the bridge” of Liquid Natural Gas as a substitute for oil. Both are fossil fuels, and adopting LNG will only slow the move away from them. Hawaii should focus on its multiple sources of renewable energy – solar, wind, geothermal, wave -- and perhaps become a leader in the sector.

Mahalo,  
Donna Ambrose  
316 Ilihaui St.  
Kailua, HI 96734  
(808) 664-7861

**From:** [Cynthia Lowry](#)  
**To:** [CPN Testimony](#)  
**Subject:** Very Strong Support for HB 623 by Dr. Cynthia A. Lowry  
**Date:** Monday, March 30, 2015 2:31:17 PM

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I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. Hawaii is already ahead of schedule with earlier goals for the penetration of renewable energy, and can not afford to lose sight of the very important goal of reaching 100% RENEWABLE energy by 2040. With such a wealth of renewable energy resources, Hawaii is very well positioned to show the rest of the world how quickly this goal can be met. Hawaii can also NOT afford to take the risk of a detour to this future via sloppy language for a "clean energy" goal, i.e. allowing space to further it's already too debilitating of an addiction to yet one more fossil fuel that worsens air quality and climate change risks to Hawaii and to the rest of the planet. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.”

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Thanks again for your very important work in writing HB 623 that I very strong support.

Dr. Cynthia A. Lowry

**From:** [George Russell](#)  
**To:** [CPN Testimony](#)  
**Subject:** 100%. 4 renewable energy  
**Date:** Tuesday, March 31, 2015 7:19:18 AM

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This is a no-brainer  
Creates. Jobs. Health and welfare. Yes. 100% Renewable  
Energy. Stop sending four  
Billion. Dollars away from our state that every year.  
Please. Thank you  
George Russell

Sent from my iPhone

**From:** [Janet Pappas](#)  
**To:** [CPN Testimony](#)  
**Subject:** Set the bar high: 100% renewable energy by 2040 (Support HB623)  
**Date:** Monday, March 30, 2015 7:10:33 PM

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Dear Senate CPN Committee members,

Why stop at 40%, or even 65%? Why not just go for 100% renewable energy by 2040? We lose nothing by setting a high--but I believe, reachable--goal for our small, money-strapped state. Energy independence is a win-win-win-win for all Hawaii residents: we free ourselves of dependence on fossil fuels, we support local businesses, energy prices go down and we help clean up our planet. Let's put our state money and resources into a project that benefits everyone. Please support HB623. We can do this.

P.S. An accompanying push to promote community-based renewable energy projects and continued incentives to drive hybrid and electric vehicles would be two more steps in the right direction.

Thank you for considering my opinion.

Sincerely,  
Jan Pappas  
Aiea, Hawaii 96701

**From:** [Janet Mac Neal](#)  
**To:** [CPN Testimony](#)  
**Subject:** VOTE & PASS HB 623  
**Date:** Monday, March 30, 2015 4:38:12 PM

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i FIRMLY support and vote for this HB 623 to pass in favor. I support Blue Plant goal for sustainable renewable energy power... GET rid of imported fossil fuel and stop contaminating our air and our water supply etc.. Our earth is polluted by these fossil fuel emission and is drastically changing our world every day. Look at our crazy winter that is just beginning to settle down, it was horrendous all winter and into this month of March. Clean energy will help correct this world contamination. PLEASE vote PONO for us and our future generation for "clean air" and healthy living.

Thank you for representing all of us, not the few money grabbing corporations that sits in fancy offices on top of the world, and massive mansions while we the 90% have to put up with their corruption until we take a stand and speak out. We will remember come voting time again who did good or bad.

Mahalo and do PONO,

Janet Mac Neal, Hilo, HI 96720

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [mendezj@hawaii.edu](mailto:mendezj@hawaii.edu)  
**Subject:** \*Submitted testimony for HB623 on Apr 1, 2015 09:30AM\*  
**Date:** Monday, March 30, 2015 6:57:39 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

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

Comments:

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**From:** [Jen n Mike Wilson](#)  
**To:** [CPN Testimony](#)  
**Subject:** Renewable energy  
**Date:** Monday, March 30, 2015 2:10:49 PM

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Aloha Elected Representatives,

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040.

I am hopeful our legislators can establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030.

That means that in 2031, 60% of our power could still come from imported fossil fuels. No need to.

Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

I beg you please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

It's time for Hawaii to stop importing fossil fuels, simply an archaic notion as we move into a sustainable vision for our homeland.

Respectfully,

Jennifer Stiffarm-Wilson

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [dr.yoshicedo@gmail.com](mailto:dr.yoshicedo@gmail.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 2:57:45 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Jill Yoshicedo	Individual	Support	No

Comments: As a resident of Hawaii, I support HB 623 in setting a long-term target for energy independence in Hawaii. Our unique island ecosystem has unfortunately grown to depend so much on importing energy and goods. It is time to change this trend and work toward a more secure future for Hawaii by creating local and sustainable sources of energy. Please help to establish a strong vision for Hawaii's energy independence and set an example for the rest of the United States. Please pass HB 623, and set a target of 100% renewable power by no later than 2040.

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**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [wao-hsl@WeAreOne.cc](mailto:wao-hsl@WeAreOne.cc)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 1:47:57 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Joseph Kohn MD	Individual	Support	No

Comments: Whether you think global warming is caused by humans or not, there is no rational reason to pollute our own environment or destroy ecosystems. And poisoning the water supply is criminal! There are more sustainable/ecofriendly profitable projects waiting for good workers. [www.WeAreOne.cc](http://www.WeAreOne.cc)

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**From:** [Josh Mason - BlueSky Energy Advisors](#)  
**To:** [CPN Testimony](#)  
**Subject:** Testimony for HB 623  
**Date:** Tuesday, March 31, 2015 9:34:01 AM

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Aloha!

I strongly support House Bill 623, establishing an aggressive, but realistic future for Hawaii's energy independence. As you are well aware, Hawaii's energy climate is quite unique. It is one of the most remote, populated places in the world with an abundance of natural energy resources. Establishing an objective of anything less than 100% renewable energy would discount Hawaii's natural resources and also sell short the innovative and motivated participants in Hawaii's energy industry. It also leaves Hawaii subject to significant dependency risks due to our reliance on imported fossil fuels. Hawaii has the potential to be at the forefront of sustainability and effective stewardship with a thriving economy and local community, and this is a critical piece to that puzzle.

The rapid pace of development in renewables over the last five years is a clear testimony that our trend line to achieving such a goal is not linear, but rather exponential. This 100% target should be achievable by no later than 2040. I strongly encourage your leadership in moving Hawaii forward by supporting HB 623, and doing so with a target date no later than the current date of 2040. Hawaii cannot and should not afford to wait!

Mahalo

---

Josh Mason

**BlueSky** Energy Advisors

President

(808) 895-5816

**From:** [Julianne King](#)  
**To:** [CPN Testimony](#)  
**Subject:** HB 623 In support of energy independence in Hawaii by 2040  
**Date:** Monday, March 30, 2015 3:36:46 PM

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Aloha

My name is Julianne King and I live in Kailua. Kailua is a beach town and very vulnerable to global warming. The use of fossil fuels are increasing the CO2 in our atmosphere which is destabilizing our climate by warming our oceans, melting the poles and changing our weather patterns. In a few years from now Kailua will begin to show more and more with beach erosion, temperature increases, trade wind reduction, coral bleaching, rain water reduction which in turn will destabilizing our ecology, our economy, and our community.

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Mahalo

Julianne King

320 Poopoo Place

Kailua, HI 96734

Hawaii Autism Foundation  
Board President and Founder

JulianneKing@hawaii.rr.com  
(808) 265-5519 cell

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [kshimata@hawaiiantel.net](mailto:kshimata@hawaiiantel.net)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 5:45:24 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kathy Shimata	Individual	Support	No

Comments: We live in a renewable energy paradise. It's time to stop sending our money to the fossil fuel corporations & keep it here at home.

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**From:** [Katie](#)  
**To:** [CPN Testimony](#)  
**Subject:** Support  
**Date:** Monday, March 30, 2015 2:59:37 PM

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Dear Sir,

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040.

Katie Kingsley

Sent from my iPad

**From:** [lanajbb@aol.com](mailto:lanajbb@aol.com)  
**To:** [CPN Testimony](#)  
**Subject:** HB 623 Support  
**Date:** Tuesday, March 31, 2015 8:48:37 AM

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I strongly support HB 623. It s important to set goals that are achievable. I believe these clean energy goals are reasonable and responsible. Let's make Hawaii a leader in renewable energy! We will not only gain positive benefits for ourselves and the global community, but will be able to gain economic benefits by promoting and sharing these approaches with others. Thank you for taking my views into consideration.

Lana Brodziak  
1737 Iwi Way, Honolulu

Sent from my Verizon 4G LTE Smartphone

**From:** [Leilani Au](#)  
**To:** [CPN Testimony](#)  
**Subject:** HB 623  
**Date:** Monday, March 30, 2015 2:44:10 PM

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I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. Our next generation will be severely affected if we are not forward thinking and pro-active NOW!!! Our islands cannot continue to survive without being more responsible for energy heneration and consumption.

We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable.

Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

--

Lani Au  
Education Coordinator  
UH Manoa Childrens Center  
808 956-7963  
[www.hawaii.edu/childrenscenter/](http://www.hawaii.edu/childrenscenter/)

**From:** [Liam deClive-Lowe](#)  
**To:** [CPN Testimony](#)  
**Subject:** Strong Support for HB623  
**Date:** Tuesday, March 31, 2015 10:03:16 AM

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I strongly support HB 623, which would set a clear target for energy independence in Hawaii. I believe that reaching 100% renewable power in Hawaii by 2040 would not only be beneficial — it is necessary. As of now, the state law requires Hawaii to achieve 40% renewable energy generation by 2030. While this would be good progress, this is not nearly adequate.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. We need people to join in on the mission to make Hawaii the first 100% renewable power state. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii can be the example for the nation and the world.

Thank you,  
Liam deClive-Lowe

[genki.liam@gmail.com](mailto:genki.liam@gmail.com)  
(808)351-3334

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [lisamarten@hawaii.rr.com](mailto:lisamarten@hawaii.rr.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Sunday, March 29, 2015 9:28:27 PM

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**HB623**

Submitted on: 3/29/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lisa Marten	Individual	Support	No

Comments: Aloha Chair Baker and committee members. I urge you to pass Bill 623 with a goal of 100% renewable power by 2030. Climate change is the biggest problem we are facing in our lifetimes. While Hawaii alone will not change the course of climate change, we can do our part in reducing the severity of the changes and the cost of adaptation measures. I believe that there will be positive multiplier effects as other US States are inspired by our commitment, and as we share the expertise we have gained with others in the region. I appreciate your many past efforts in our energy sector, for example increasing the staff of the PUC. I ask you to once again support this measure to set Hawaii on a firm path to clean, local, renewable energy. How could we ever regret trying to reduce the burden we leave behind to the next generations? Mahalo, Lisa Marten

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**From:** [Mary Spadaro](#)  
**To:** [CPN Testimony](#)  
**Subject:** Pass HB 623  
**Date:** Monday, March 30, 2015 4:07:46 PM

---

We cannot afford to do any less than everything possible to make the transition to renewable energy sources in the least amount of time possible.

We need HB 623 to help us achieve the achievable - which is 100% renewable power by 2040. Political will and sincere commitment are the only tools missing. PLEASE PASS HB 623.

aloha,

Mary Spadaro

808-533-2172

Honolulu, HI

**From:** [Noel Kent](#)  
**To:** [CPN Testimony](#)  
**Subject:** House Bill 623  
**Date:** Tuesday, March 31, 2015 8:57:36 AM

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Hello. The two great issues facing us in Hawai'i are energy and food self-sufficiency. We can make a big stride toward the first by enunciating a policy of being dedicated to a policy of 100% renewable energy. This becomes a signpost for the future. Please enact this very important piece of legislation and let Hawai'i become a beacon for the rest of our country.  
Noel Kent Professor UH

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [pdp@hawaii.edu](mailto:pdp@hawaii.edu)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 3:20:49 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Panos D. Prevedouros	Individual	Oppose	No

Comments: Renewables should be market driven. Hawaii's hasty path for renewables is making cost of living unbearable and we have reached the ridiculous energy price point that makes electric vehicles more expensive to operate than gasoline vehicles! So says the calculator of the Institute for Transportation Studies at the University of California-Davis: The Institute for Transportation Studies at the University of California-Davis. We will get to 100% when the pricing forces take us there and for a reasonable cost. Blue Planet and similar utopian, elitist and inconsiderate goals harm almost everyone in Hawaii.

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**From:** [Robert Woliver](#)  
**To:** [CPN Testimony](#)  
**Subject:** In Support of HB 623  
**Date:** Monday, March 30, 2015 4:43:42 PM

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I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2025. We need our legislators to establish a strong vision for Hawaii's energy independence.

Why wouldn't we support energy independence? It can be done now. For over 3 years, I have been a net exporter of electric energy to HEI through the Net Metering program. I drive an electric car that is powered by the PV panels on my roof. I am saving over \$300 a month on electric bills and over \$200 a month on gas bills! Plus, something that HEI never mentions, at the end of the year, I have made about \$300 more in electricity than I have used. HEI then sells the extra electricity and pockets the entire amount, complaining all the way to the bank that PV owners don't pay their fair share!

Let's show a little courage and vision. Why are we spending \$6 billion+ for rail and practically nothing to air condition the schools? Why doesn't the legislature have bonds issued to air condition schools? The money raised by the bonds would be spent to put PV panels on the school roofs and buy air conditioning. The money saved by putting PV panels on the roof of the schools would power the air conditioning. The money saved from paying electric bills could be used to pay off the bonds. In addition, the DOE would be able then to switch to electric cars, thus creating more savings and setting a good example to our students of energy Independence.

Robert Woliver, Ph.D.

47-373 Mawaena St.  
Kaneohe, HI 96744

808-239-5577

[woliver@hawaii.edu](mailto:woliver@hawaii.edu)

**From:** [Sara Hoerlein](#)  
**To:** [CPN Testimony](#)  
**Subject:** House Bill (HB) 623  
**Date:** Monday, March 30, 2015 8:43:25 PM

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As a voter, I strongly support HB 623. I ask you to please pass this bill that sets a 100% renewable power target for the state of HI by 2040. It is time for Hawaii to set the standard that will be the inevitable outcome for the rest of the country. Hawaii is unique and CAN make the target of 100% renewable power utilizing it's ample solar, wind, and wave energy. Long term energy independence is a positive step for the economy, jobs, safety, security, and independence. Not to mention it helps protect our precious environment and the public health of residents. We need our legislators to stand up to the oil, gas, and coal corporate stronghold, and out a stop to the importation of fossil fuels! Currently, state law requires Hawaii to achieve 40% renewable energy generation by 2030, and that's not good enough for Hawaii. And please keep the bill's original target date of 2040, I want to see this in my life time.

--

*Sara Hoerlein*

**From:** [Sarah Lynn Joy](#)  
**To:** [CPN Testimony](#)  
**Subject:** 100% Energy Independence by 2040!  
**Date:** Monday, March 30, 2015 8:40:40 PM

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I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040.

I have invested \$25,000 to install solar on my rental property and another \$16,000 on the home I live in. That is how strongly I believe in renewable energy investment for Hawaii and for our energy independence.

We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Please help me reach this goal for Hawaii as a sovereign and independent state!

Sarah Lynn Joy  
81-902 Nape Street  
Kealahou, Hawaii 96750

**From:** [Scott Jensen](#)  
**To:** [CPN Testimony](#)  
**Subject:** I strongly support HB 623  
**Date:** Monday, March 30, 2015 2:53:00 PM

---

Dear Legislature,

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.”

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy.

Sincerely,

Scott Jensen

1362 Hoowali St  
Pearl City, HI 96782

**From:** [sherrybroder@gmail.com](mailto:sherrybroder@gmail.com) on behalf of [sherry broder](#)  
**To:** [CPN Testimony](#)  
**Subject:** HB 623  
**Date:** Monday, March 30, 2015 6:45:22 PM

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I strongly support HB 623, setting a long-term target for energy independence in Hawaii. We are in the midst of a climate crisis. The earth has warmed and is continuing to grow warmer. The oceans are rising, our Hawaii beaches are eroding. The weather is changing in Hawaii.

Liquid natural gas is just another form of fossil fuel and it is unacceptable to be spending our precious resources on bringing LNG to Hawaii.

I support setting a target of 100% renewable power by no later than 2040. I think that we need to make the change even sooner. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait."

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy.

--

Sherry P. Broder, Esq.  
Seven Waterfront Plaza, Suite 400  
500 Ala Moana Blvd.  
Honolulu, HI 96813

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [davidsher@juno.com](mailto:davidsher@juno.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 7:54:02 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

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

Comments: I strongly support HB 623 and setting a target of 100% renewable power, however it's critical to keep the bill's original target date of no later than 2040. Experts agree this target is not only doable, it's vital to our efforts to help stabilize climate change. We need our legislators to be bold and set a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We are already seeing the effects of climate destabilization and need to work much harder at reducing carbon emissions. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [zijing@aol.com](mailto:zijing@aol.com)  
**Subject:** \*Submitted testimony for HB623 on Apr 1, 2015 09:30AM\*  
**Date:** Monday, March 30, 2015 8:32:11 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Zojing Wong	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

My family and I very strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set us on a pono path to a healthy future!

MAHALO

Calley O'Neill

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Brian Malecek

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

It's time to legislate for the future of our Island homes and businesses. HB 623 will go a long way to making renewable, sustainable clean energy a reality for all of us. Please do your part as an elected leader to pass this bills and bring responsible energy production to life.

Sincerely,  
Anthony Smith

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. Lets make HAWAII a leading example.

Sincerely,  
Annie Cusick

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I am a long time Hawaii resident with children and grandchildren who call Hawaii home and I hope will continue to be able to live here. I am supporting Bill 623 which calls for 100% renewable power by 2040 because I am worried that the future will be out of our control if we do not prepare to take care of ourselves. If for domestic or foreign political reasons oil tankers or ships carrying natural gas cannot come to Hawaii, or for business or economic reasons they will not come to Hawaii we will be helpless. We are tiny dots in the middle of the ocean and it is foolish to leave our fate to the whims of others.

Sincerely,  
Ann Marten

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040 and sooner if possible.

If you cannot commit to supporting this think about why you wouldn't and then Imagine yourself one day in the future when the world is at peace and healed, fossil fuels are in the ground where they belong, all beings are fed, sheltered, loved and inspired. A child greets you on a park bench where you sit in your old age and ponder nature. Then the child asks you if it's true, the stories of the old times, that the world's resources were ravaged, the Earth was poked and prodded incessantly for fossilized carbon deposits, wars were waged over oil and water and men turned away from their fellow man's needs allowing them to sink into poverty. When you say yes, the stories are true, the child asks, "What did you do to change that world?"

Support this legislation, so you can proudly tell that child one day in the future that you had the vision and courage to support the urgent transition to renewable energy. We have the tools, genius, methods and means to go renewable. Anything less is a compromise of their future. And the sooner the better.

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Mahalo nui loa for voicing your support.

Sincerely,  
Andrea Nandoskar

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

It is imperative that we act now to prevent further climate change. Any more delays will cause exponentially more harm and we may pass the critical tipping point. Please pass this bill now!

Sincerely,  
Adam Young

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Twenty-five years of advances in technology toward efficiency and greater utilization of wind, solar, thermal, and tidal energy, there is little doubt we can achieve this goal. Finding the political will to do it is what we must demonstrate now!

Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable.

Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Daniel Benedict

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We very definitely need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's very definitely not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Cynthia Lowry

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. Please pass this bill, setting Hawaii on a path towards achieving that goal.

Sincerely,  
Courtney Nichols

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,

Colleen Miyose-Wallis

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

My name is Christina Gallagher. I fully support HB 623. I am asking you to fully commit to the 2040 deadline. Please do not budge on the 2040 date. These bills will ensure a clear path for sustainable energy in the future. We are an island, and as such it is essential that we find renewable and sustainable ways to create our own energy. It is absolutely absurd that we aren't moving in this direction faster.

Please allow the voices of the people to take a priority, not special interests or utility companies. We have an opportunity to lead. Be the leader that you were elected to be and protect not only Hawaii but the planet as a whole.

Global warming is not debatable, it is happening and the sea waters are rising. We must do our part to lower Carbon emissions in all ways, now.

I currently have solar on my roof, however many people do not have the choice because of where they live. Open the door to other options so all citizens that wish to part take in solar are given the opportunity in new and creative ways. Please pass these bills and move us closer to long term sustainable solutions. Thank you.

Christina Gallagher

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Chris Barzman

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Cheryl Shine

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Charles Lee

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 with a target date of 2040. I have had photovoltaic panels installed at home, and am in total support of Hawaii being the first state to be powered 100% by renewable energy. Iceland is using 100% renewables with their local resources. With Hawaii's resources -- sun, waves, and thermal power, we should be leading the way in the U.S.

Please pass HB 623.

Mahalo!

Aloha,

Charlene Hosenfeld

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Carlton Rogers

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 for 100% renewable energy by 2040.

I am deeply concerned over the anthropogenic causes of climate disruption worldwide. I believe decreasing dependence on fossil fuels is our only wise choice and in this endeavor Hawaii can take the lead in being the first state of the union to be 100% renewable. In the keikis, please pass this bill.

Restfully,

Elayne Cho

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I support HB 623, establishing a firm goal for achieving Hawaii's energy independence. With a target of no less than 100% renewable power by no later than 2040 we will commit the state to a leading position both economically and morally in terms of human health and ecological viability. The goal now is 40% renewable energy generation by 2030, but, considering the rapid advance of global warming, that's not good enough. We need to move quickly to acquire energy that is local, secure, and sustainable.

Please pass this bill, setting Hawaii on a path towards achieving 100% renewable power keeping the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Duane Preble

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040.

Solar independence is a way for some security for Hawaii and as important for the majority citizens of the state to produce their own electric on their roof. The big \$'s of HECO and other corporations( seeing \$ to be made by solar farms) must not win out on this one!

Sincerely,  
Doug Kroll

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I support HB 623, setting a long-term target for energy independence in Hawaii.

We do not need a “transitional replacement” for oil; liquid natural gas is still a fossil fuel, and the investment required to adopt it will be better spent on converting all energy production to renewable sources by 2040.

Sincerely,  
Donna Ambrose

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support House Bill 623, setting the long term target for energy independence in Hawaii. I believe we are the only state in the nation that can and should push for 100 % renewable energy and be self-sufficient and no longer be dependent on fossil fuels by the year 2040. Together we can.

I respectfully ask that you support this bill for the betterment for the future of Hawaii and the world

Much Mahalo for allowing me to share my thoughts and ask for your support

Diane Kanealii

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

Dennis Nakashima

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, which sets a reasonable target date for Hawaiian energy independence.

I support setting a target of 100% renewable power by no later than 2040.

We need our legislators to establish a strong, consistent, unwavering vision for achieving Hawaii's energy independence. Presently, state law requires Hawaii to achieve 40% renewable energy generation by 2030. This means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough for me, a two-Leaf family guy, struggling to minimize my family's use of imported petroleum. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable.

Please pass this bill, which will go far in setting Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040; Hawaii cannot afford to wait. Mahalo Nui Loa.

Sincerely,  
Dennis Glynn

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

David Elias

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Darren Kimura

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, which sets a long-term target for energy independence in Hawaii, including 100% renewable power by 2040.

This target is reachable, because Hawaii is blessed with more than ample renewable energy resources. Solar, wind, geothermal, and ocean energy sources can be combined to free Hawaii entirely from its burdensome dependence on fossil fuels.

Hawaii can set an example for the nation creating a clean-tech economy with strong energy sector job growth, dramatically lower environmental impacts, and a sustainable foundation for Hawaii's people for generations to come.

Please pass HB 623.

Aloha

Daniel Davids

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Heather Huitt

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

The ancient hawaiians were able to meet all of their food and energy needs from the gifts provided by the land and sea. There is certainly enough energy flowing in, around and under our home to drive our economy and at the same time stop the hemorrhaging of financial resources that is the nature of our current energy economy. Not only will becoming energy independent keep our dollars in the islands but with every barge of oil that does not visit our shores the probability of ecological/economic disaster is reduced. Not only should we be striving to get all of our electricity from local renewable sources, (less than 20% of our total energy footprint), we should be considering how to take transportation and shipping and move them onto the renewable, local and net zero carbon side as well. Clearly HB 623 does not do all of this, but it is a start.

Sincerely,  
Gilson Killhour

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

GILBERT BARDEN

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I am an Ecologist and very familiar with ecosystem processes and how long it can take to turn around the accumulation of greenhouse gases in the atmosphere. I fully support Bill 623. I think it is essential that there be a mandated time by which the goal of 100% renewable energy should be met. If not, too many things will derail it or cause it to lose momentum, and we shall all have to live with the consequences. In complex systems like this there will always be some people and businesses that will suffer as the changes are made. It is unfortunate, but the long term common good must be our priority. If Hawaii can successfully meet this goal it will be an example that others can follow, leading to a greater likelihood that the reduction of greenhouse gas will reach a large enough scale around the world soon enough to truly make a difference.

Sincerely,  
Gerald Marten

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Thanks again for voicing your support.

Sincerely,  
Forest Frizzell

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I wholeheartedly support HB 623. We need 100 % renewable energy here in Hawaii by 2040. Please pass this bill to help Hawaii become more independent in energy use and less dependent on imported fossil fuel.

Sincerely,  
Folly Murdock

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support passage of HB 623, setting a 100% renewable energy goal for Hawaii's electric utilities.

Hawaii depends on carbon-emitting imported fuels for most of its energy needs. Someday, those imported fuels are going to stop flowing to Hawaii. When that happens, Hawaii is going to arrive at 100% renewables energy whether or utilities plan for it or not.

Setting a 100% renewable energy goal tells our utilities that the people of Hawaii want them to start planning now for our 100% renewable energy future. We can reach our 100% renewable energy future at a cost that is lower than the cost of our continued dependence on carbon-emitting imported fuels.

Aloa nui loa,

Erik Kvam

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

We live in the Aloha State and we should be thinking about how we are resourcing our energy supplies and the affect they have on the areas we source them from.

Oil, coal, LNG all are invasive and destructive to the people and environment that they are sourced from. That's not "Pono"

We have the resources and the technology. It's time to start thinking like a progressive state and show the nation/world what the future will look like.

Sincerely,  
Eric Carlson

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Ellen Olson

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I am writing this in support of promoting renewable energy in our State. We are a family that strives to create a clean, sustainable environment and hope to become energy independent in the near future. We support the Community Solar House Bill 484 and the Update of our Renewable Portfolio Standards to 70 % By 2035 and 100% by 2040. As the parent of 2 teenagers, I am deeply concerned with both the nature of power supply and environmental impact of energy resources on our planet. As a family, we drive EV and are in the process of obtaining approval for PV for our home. We are among the fortunate homeowners that have a rooftop with room for solar panels. However, residents that don't have that privilege should still be able to access the suns magnificent power. Our state is unique in its ability to offer the resource of energy that causes no known harm to body or environment. Let us take action to make it available to everyone.

Sincerely,

Elizabeth Kawananakoa

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623.

When I read in the news last week that Costa Rica (the entire country almost exactly four times the population of Hawaii) successfully powered their first 75 days of 2015 on 100% renewable energy, I realized that Hawaii has no excuse to defer a 100% renewable energy plan any further than absolutely necessary to effect such a goal. We have a smaller population, a stronger infrastructure, more capital, smaller land mass and equal opportunities for alternative power generation.

It's time to end expensive, dirty, and cost prohibitive imported oil as an energy source. Get green Hawaii! Let's preserve our lungs, our waters, this beautiful land and our fragile economy for generations to come.

Sincerely,  
Jesse Law

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Jesse Kline

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I am a resident of Makiki, born and raised on O'ahu, having recently returned to Hawai'i after 23 years on the Mainland. I have a Ph.D. in atmospheric sciences and engaged in climate research for 12 years, so I am intimately aware of the damaging impacts that climate change is projected to have in Hawai'i and around the world.

I strongly support HB 623 with a target of 100% renewable power by no later than 2040, in order to set a long-term target for energy independence in Hawai'i. Please establish a strong vision for Hawai'i's energy independence, which in turn sets a strong example for the rest of the United States and the world.

Hawai'i is uniquely positioned, with our high energy prices and political will for clean energy, to be the first state in the nation to reach 100% renewable power. By setting this example, we can have an even larger impact on our planet's future, on top of reducing our islands' own carbon footprint.

Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Jeffrey Yin

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I support hb623, wanting long term energy independence for hawaii.

Sincerely,  
Jean Riehl

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB623 setting a long-term target for energy independence in Hawai'i.

Sincerely,  
Javier Mendez

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Jamie Satterfield

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
James Moonier

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Jack Bennett

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Henry Chang

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

It is important to set a long term target for energy independence in Hawaii. I strongly support setting a target for 100% renewable power by at least 2030. I support bill HB 623.

We would like to see the process be achieved in less time than legislators are aiming for. we have the best climatic conditions in Hawaii to achieve 100% renewable power.

Sincerely,  
Helena von Sydow

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623...setting a long term target for energy independence.

I also propose that legislation will be introduced to prevent the blockage,by structures or landscaping, of an already existing PV system in residential areas.

Sincerely,

Laura Christensen

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy.

Sincerely,  
Kirsten Turner

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

As a lifelong Hawaii resident and a PV system owner, I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. Hawaii is blessed with year-long sunshine as well as other renewable and local sources of energy. It only makes sense to use these resources as wisely as possible to wean us from dependence on offshore oil and natural gas and take measures that preserve the cleanliness and beauty of our aina. We must do all we can to achieve 100% renewable power. We must seize the power to utilize our own sustainable energy from those who primarily want to profit from power sources out of our control.

Thanks for listening.

Sincerely,  
Kathleen Sato

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. We must act now to prevent the worst effects of climate change.

Sincerely,  
Katharine Beutner

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 263 to ensure that our state reaches 100% energy sustainability by 2040. Each year we are seeing more and more evidence of the adverse effects of climate change on our land and ocean environments. Hawaii is paradise and should set an example for other states and countries towards renewable energy for our future. Please consider our keiki's future and support this bill. Time is running out.

Sincerely,

Karen Hazzard

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

My name is Julianne King and I live in Kailua. Kailua is a beach town and very vulnerable to global warming. The use of fossil fuels are increasing the CO2 in our atmosphere which is destabilizing our climate by warming our oceans, melting the poles and changing our weather patterns. In a few years from now Kailua will begin to show more and more beach erosion, temperature increases, trade wind reduction, coral bleaching, rain water reduction which in turn will destabilizing our ecology, our economy, and our community.

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Mahalo

Julianne King

Hawaii Autism Foundation  
Board President and Founder  
JulianneKing@hawaii.rr.com  
(808) 265-5519 cell

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Please pass HB 623 to enable Hawaii to be energy independent using 100% renewable power. Hawaii can be a leader in many fields and certainly energy should be one of them. Let's do something together that will truly benefit generations to come in these beautiful islands.

Mahalo.

Judy Mick, Kailua

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
John Maurer

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Hawaii needs to be on the path to 100% renewable power by 2040 at the very least,

I am writing in support of the HB 623 with the intent of setting a longterm target for energy independence in Hawaii.

Please, pass this bill so we can take care of our island and not be dependent upon imported fossil fuels.

Thank you for listening.

John Frazier

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623. I believe that energy independence is not only the right choice for Hawaii environmentally but is also the right economic choice for Hawaii in the long run. Please help establish this vision for Hawaii's future.

Mahalo

John Bendon

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030.

Hawaii can lead the way and we need to. Our unique geographical situation demands it.

Sincerely,  
Matthew Rail

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power

Sincerely,  
Matt Johnson

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I support HB 623 to set a goal for energy independence in Hawaii and want 100% renewable power by 2040.

This will help reduce emissions worsening global warming which harm Hawaii by causing a rising ocean level and resulting loss of beach land.

Sincerely,

Martha E. Martin

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Please support HB623 to establish a strong vision for Hawaii's energy independence.

We need to set a target that matches the outcome we WANT to see -- energy that is local, secure, and sustainable.

I hope you will pass this bill which will set Hawaii on a path towards achieving 100% renewable power.

Mahalo for your consideration.

Marjorie Erway

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support hb623. I support setting a target of 100%renewable power by 2040. My hope is to be free of imported fossil fuel for the economic and environmental future of our state. Let's set the standard and be leaders in freeing ourselves to be energy sustainable.

Sincerely,  
Margene Ayers

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I STRONGLY support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Seriously. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power and ultimately lead to preserving our fragile environment. This is so, so important.

Sincerely,  
Lucas Cusick

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, calling for 100% clean energy by 2040. We need legislators with a strong vision for Hawaii energy independence. Right now, state law targets 40% by 2030 but that's not good enough because technologies are already in place to exceed this target easily. Please pass this bill that will set Hawaii on a path toward 100% clean energy that is local, sustainable, and cost-effective.

Lois Crozer  
Kailua

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623. As a realtor associate for over eight years I would like to see Hawaii become the leaders in renewable energy! Let's set the example for the rest of the world! We can make it happen with everyone's support!

Warmest Aloha

Lisa van den Heuvel

Realtor Associate

Coldwell Banker Pacific Properties

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Please support this Bill until it becomes law. Renewable energy stimulates our local economy, and allows us to play a part in slowing climate change. HECO (65%) and DBEDT (70%) are on board with similar increases by 2030, so this is not a stretch. It is important to add in the later goal of 100% renewable so that no utility company considers us a permanent captive market for imported fossil fuel. Your leadership on this Bill will allow Hawaii to be leaders in renewable energy, with the expertise our businesses develop being a fabulous new export for our State.

Thank you, Lisa Marten

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Renewable energy is a no-brainer for Hawaii. With our abundant sunshine, geothermal sources, and wind, we should be the national leader in renewable energy. I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by 2040. We need our legislators to establish a strong vision for Hawaii's energy independence.

Sincerely,  
Laurence Rotkin

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I am a retired UH professor who thinks it is most important to pass HB 623. Our State should lead the nation and would when it comes to renewable energy. Perhaps even to support native son Barak Obama in the climate meetings in Paris next year. Just imagine if Hawaii passed a 100% renewable energy bill (HB 623), with a target date no latter than 2040.

Richard M. Smith, PhD

(Retired, UHM)

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Why not set an example for the rest of the world. Making us more than just unique geographically, but by becoming energy efficient. The people in the islands are all behind this.

Sincerely,  
Randy Erickson

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Peter Greenhill

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

We have had enough of local utility's dragging us behind there agenda . This is good for every tax payer .

Mahalo for your time

Paul Hicks

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,

Nandini Bhattacharjee

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Now that Hawaii is ahead of the game in its energy independence target, the state can do even more. I support HB623, which sets a target of 100% renewable power by at least 2040.

Anything that can be done to speed up the goal of obtaining energy that is 100% local, secure, and sustainable is worth doing.

Sincerely,  
Nancy Davlantes

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Sincerely,  
Monique Rice

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Michael Reiley

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Thanks.

Sincerely,

Michael Peterson

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040.

Sincerely,

Michael Howells

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

Hawaii needs to be on the path to 100% renewable power by 2040 at the very least,

I am writing in support of the HB 623 with the intent of setting a longterm target for energy independence in Hawaii.

Please, pass this bill so we can take care of our island and not be dependent upon imported fossil fuels.

Thank you for listening.

Stephanie Frazier

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Stanley Yuen

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,  
Spencer Toyama

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

Sherryl Royce

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting the target of 100% renewable power by at least 2040. Stop this crazy monopoly that has not allowed me to put on photovoltaic although my request to HECO was placed one year ago and I am still 87 on a list in an area they have not approved and my number on the list has not moved up for the NEM agreement approval.

Sincerely,

Sharon Lowrie

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. Hawaii has ample opportunity to be self sufficient through efficiency and renewable energy and this bill would set a goal we could all rally around. I support setting a target of 100% renewable power by 2040, or even earlier...but not later. This IS possible, so why wait? We can do this if we have leadership and vision that creates a culture shift in Hawaii toward what is possible. In my 9 years immersed in the energy efficiency field in Hawaii, my programs and company have found that 10-50% of our energy can be saved through low cost efficiency measures for every building we have assessed. We need to unite everyone in efficiency and support strategies for renewables. We just need leadership that helps people understand that efficiency matters and 100% renewables is possible. Please be those leaders.

Sincerely,  
Shanah Trevenna

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support this legislation, including the target date of 2040. please do what's right for this state.

Seny Bynum

Honokaa

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040.

My belief in the importance of this goal is so strong that I have invested \$25,000 in solar panels for my rental property and another \$16,000 for solar for the home I live in. Now, THAT means putting my money behind my beliefs!

We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

It's time for Hawaii to stop importing fossil fuels and set a target for 100% renewable energy. Nurture the aina and ourselves with non-polluting, renewable energy!

Sincerely,  
Sarah Joy

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. It is completely doable. Don't give HECO or NextEra control to deter progress. Hawaii is already so expensive to live in. Please take care of the residents of Hawaii by reducing some of their expenses. Renewable energy needs to be a top priority and we need to pick up the pace to meet 100% renewables. I know it can be done before 2040.

please support HB 623.

Sincerely,  
Sandra Harvey

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

Sincerely,

Russell Castagnaro

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. We need our legislators to establish a strong vision for Hawaii's energy independence. Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough.

We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

Yoko Shimoyoshi

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Dear Trusted Public Servants,

First of all, I thank you for your service to our great community, State, and Country. I am writing in absolute support of HB 623. It is prudent and right to have this pressing goal of energy independence in Hawaii. I support aiming high and setting the target at 100% renewable power for our islands by 2040.

Just imagine the potential for community involvement from grade school on up to Kupuna. We have a wealth of resources and nearly everyone can participate in some way to make this a reality. Job creation, brain trust retention, diversity in the economic base, cost savings all around, and self-reliance.

If we keep on the 40% renewable energy by 2030, we would still be dependent on an option that means more uncertainty and cost. Frankly, we need you to push hard now for sustainable, secure, and renewable local energy.

You could effect this in our generation!

Please pass this bill.

Mahalo for your time, attention, energy, & service

Sincerely,

Vickie Fullard-Leo

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a long-term target for energy independence in Hawaii. Please pass these bills, which will set Hawaii on a path towards achieving 100% renewable power. We want to see energy that is local, secure and sustainable. Thank you.

Sincerely,  
Vangie White

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target of 100% renewable energy generation and energy independence in Hawaii. As a member of Hawaii Interfaith Power and Light, I see climate change as the most important moral issue facing our generation that will have implications for generations to come. Although Hawaii is a small state and island in the middle of the Pacific, we can be a shining example for everyone around the world by committing ourselves to 100% renewable power by 2040. We need strong leadership from our legislators to make this goal a reality. We need a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill and keep the original target date of 2040. We cannot afford to wait.

Sincerely,  
Travis Idol

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, long-term target for energy independence in Hawaii is a worthy goal.

Sincerely,  
Tom Wallace

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by at least 2040.

We need our legislators to establish a strong vision for Hawaii's energy independence.

Right now, state law requires Hawaii to achieve 40% renewable energy generation by 2030. That means that in 2031, 60% of our power could still come from imported fossil fuels. That's not good enough. We need to set a target that matches the outcome we want to see—energy that is local, secure, and sustainable. Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power.

Thank you on behalf of all Hawaii residents,  
Stuart Karlan

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623, setting a long-term target for energy independence in Hawaii. I support setting a target of 100% renewable power by no later than 2040. I see no reason why we cannot and should not aspire to renewable power goals sooner rather than later.

Please pass this bill, which will set Hawaii on a path towards achieving 100% renewable power. And please keep the bill's original target date of 2040. Hawaii cannot afford to wait.

Sincerely,

STEVEN PROCTOR

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

I strongly support HB 623 setting a target for energy independence.

Sincerely,  
Steve Nadalin

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

**April 1, 2015, 9:30 A.M.**

**Room 229**

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

My name is Steve Holmes and I am the Sierra Club Hawaii Chapter Conservation Chair. Sierra Club strongly supports setting the a target of 100% renewable energy by 2040. We believe this is achievable and it will be a boon to our economy. It is time for bold action to break the grip of fossil fuels that ships money out of the state. We need a new energy economy.

Hawaii is uniquely blessed with solar and wind resources. Prices have dramatically dropped in recent years and capital is flowing in to the state to assist us in reaching our energy goals sooner than later.

Mahalo for your support!  
Steve Holmes

**SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION**

April 1, 2015, 9:30 A.M.

Room 229

**TESTIMONY IN SUPPORT OF HB 623 HD2 SD1**

Aloha Chair Baker, Vice Chair Taniguchi, and Members of the Committee:

In 1970 we were talking about renewable energy – solar, windmills, methane gas as alternatives to oil and gas. Now in 2015, 45 years later, the time has come to set some very achievable goals for Hawaii for renewal energy. Fracked gas is causing damage to our water, air and poisoning communities. We do not want to create an infrastructure based on further damage to our land, animals and people with cheap fracked gas. Let's be good to ourselves, the environment and the world and pass legislation the majority of people will support to have 100 percent renewable energy. 2030 – 60 years later! Now is the time!

Sincerely,

Milly Ring

3/13/15

Dear Legislator; Re SB 715 + HB 623  
I am a grandmother  
and retired RN, and I am  
asking that you support  
Renewable energy. Please  
Vote yes to Clean fuel and  
the preservation of our air  
water + earth for future  
generations and no to  
dirty, polluting, destructive,  
greedy, asthma causing  
Carbon.

Aloha,  
Laura J Gray RN

3/13/15

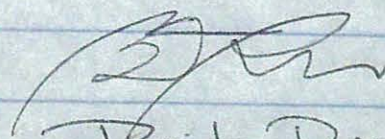
Dear Legislators,

I strongly support SB715 and HB 623, setting a long term goal of 100% renewable power by at least 2040.

I am a pediatrician and love Hawaii and love the children of Hawaii. We need to act now for their future. Our current law still has us using 60% fossil fuel in 2031. We can do better.

Please pass these bills, SB715 and HB623 which will set Hawaii on a path towards achieving 100% renewable power.

Aloha,



Brit Reis, MD

Pediatrician

30 Aulike St, Ste 500

Kailua, HI 96734

March 13 2015

Andrea I. Jepsen  
385 B KAELEPULU Drive  
Kailua, HI 96734

Dear Legislators,

I strongly support SB715 and  
HB 623 with a long term goal  
for energy independence in Hawaii.

Forty percent was good - 100%  
is much better.

Passing these bills means  
future energy security for our  
Keiki.

Mahalo for your support

Andrea Jepsen

**From:** [mailinglist@capitol.hawaii.gov](mailto:mailinglist@capitol.hawaii.gov)  
**To:** [CPN Testimony](#)  
**Cc:** [mauibrad@hotmail.com](mailto:mauibrad@hotmail.com)  
**Subject:** Submitted testimony for HB623 on Apr 1, 2015 09:30AM  
**Date:** Monday, March 30, 2015 5:03:30 PM

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**HB623**

Submitted on: 3/30/2015

Testimony for CPN on Apr 1, 2015 09:30AM in Conference Room 229

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Brad Parsons	Individual	Oppose	No

Comments: 100% renewable is not wise nor needed.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**From:** [Joe Thomas](#)  
**To:** [CPN Testimony](#)  
**Subject:** Please Reject HB 623  
**Date:** Monday, March 30, 2015 8:42:28 PM

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I strongly DO NOT support HB 623.

I DO NOT support setting a target of 100% renewable power by any date unless nuclear power is included in the mix. No other solution is remotely feasible without crippling the state's economy. Good intentions cannot overcome physical and scientific reality. I believe even the current goal of 40% is itself unlikely to be achieved with current tax incentives--which themselves seem impossible to sustain much longer.

Joseph Thomas

MSE  
Dept of Geography and Environmental Engineering  
The Johns Hopkins University