



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
House Committee on Finance
February 23, 2018 at 2:00 p.m.

By
John Morton
Vice President for Community Colleges
University of Hawai'i System

HB 1805 HD1 – RELATING TO ENERGY TRAINING

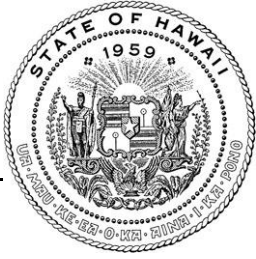
Chair Luke, Vice Chair Cullen, and members of the committee:

Thank you for the opportunity to testify in support of HB 1805 HD1. This measure would require the University of Hawaii community colleges to, among other things, establish energy systems and technology training courses for county officers and employees responsible for permitting, inspecting, licensing, and approving construction projects that contain renewable energy systems and related technology.

Honolulu Community College is the leader of the construction and trades related training on the island of Oahu and mandated by law to provide construction and trades apprenticeship training. The College has experience in delivering curriculum around new energy system technologies and equipment. The electrical installation and maintenance technology program and the Pacific Center for Advanced Training and Technology (both Honolulu CC programs), have partnered to create new green technology training, including solar installation and maintenance. These customized programs have been geared for active duty military personnel and veterans, and have been offered on our military bases. They have also been offered to business organizations and is available through open enrollment. The community colleges also have a unique partnership with Johnson Controls Inc. through a performance based contract to lower the campus energy costs, waste, and implementation of new energy systems. This performance based contract includes an educational component where resources are provided for curriculum development, short-term instructional classes, and professional energy management consultation.

Honolulu Community College is poised to implement HB 1805 HD1 to provide the necessary training for county officers and employees responsible for permitting, inspecting, licensing, and approving projects, including officers and employees at county public works departments, planning and permitting departments, and fire departments. The College has years of experience in offering long-term and short-term training programs for specific energy related industries.

The University of Hawaii supports the intent of HB 1805 HD1 on the condition that any funds do not supplant any portion of the University's Supplemental Budget Request.



**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
HOUSE COMMITTEE ON FINANCE
Friday, February 23, 2018
2:00 p.m.
State Capitol, Conference Room 308

in consideration of
HB1805, HD1
RELATING TO ENERGY TRAINING.

Chair Luke, Vice Chair Cullen and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports HB1805, HD1, which requires the University of Hawaii (UH) community colleges to, amongst other things, establish energy systems and technology training courses for county officers and employees responsible for permitting, inspecting, licensing, and approving construction projects that contain renewable energy systems and related technology.

We support the intent of this measure as we believe that such training to be developed by UH community colleges will be helpful in our state's achievement of 100% Renewable Portfolio Standard by 2045. We defer to the UH community colleges on the impact of this measure on their budget and curriculum planning.

It is our understanding that the Pacific Center for Advanced Technology Training and Continuing Education and Lifelong Learning (PCATT) at the Honolulu Community College has experience working with industry and the public sector to develop and deploy energy-related curriculum. Hence, there is already helpful precedence that could be leveraged in establishing the program under this measure.

Thank you for the opportunity to offer these comments in support of HB1805, HD1.



To: The House Committees on Finance
From: Brodie Lockard, 350Hawaii.org, 808-262-1285
Date: Friday February 23, 2018

In support of HB1805 HD1

Dear Chair Luke, Vice Chair Cullen and Committee members—

I am the founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org supports HB1805 HD1.

Training on renewable energy systems is a key and necessary component for the success of our state's achievement of a 100% Renewable Portfolio Standard by 2045.

A lack of training could lead to unnecessary delays and hamper us from achieving our renewable portfolio goals.

Thank you for this opportunity to submit testimony.

Brodie Lockard
Founder, 350Hawaii.org

HB-1805-HD-1

Submitted on: 2/22/2018 1:51:18 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	OCC Legislative Priorities Committee, Democratic Party of Hawai'i	Support	No

Comments:



Email: communications@ulupono.com

HOUSE COMMITTEE ON FINANCE
Friday, February 23, 2018 — 2:00 p.m. — Room 308

Ulupono Initiative Strongly Supports HB 1805 HD 1, Relating to Energy Training

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee:

My name is Murray Clay and I am Managing Partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and better management of waste and fresh water. Ulupono believes 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 strongly supports HB 1805 HD 1, which requires University of Hawai'i community colleges to establish energy system training courses for county government employees, because it aligns with our goal of increasing the production of clean, renewable energy in Hawai'i.

For the State to meet its ambitious clean energy goals, there needs to be more renewable energy projects approved and developed. Approving projects can often take years, which disincentivizes developers and financiers. If regulators were able to have energy training courses available, this should assist them in analyzing renewable energy project. This should provide all stakeholders with a win-win situation.

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

Investing in a Sustainable Hawai'i

HB-1805-HD-1

Submitted on: 2/21/2018 7:41:15 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045.

- A lack of training could lead to unnecessary delays and hamper us from achieving our renewable portfolio goals.

HB-1805-HD-1

Submitted on: 2/21/2018 8:41:07 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Patricia Blair	Individual	Support	No

Comments:

HB-1805-HD-1

Submitted on: 2/21/2018 10:05:37 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Boyne	Individual	Support	No

Comments:

Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045.

A lack of training could lead to unnecessary delays and hamper us from achieving our renewable portfolio goals.

HB-1805-HD-1

Submitted on: 2/21/2018 10:39:23 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

HB-1805-HD-1

Submitted on: 2/21/2018 10:42:40 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

HB-1805-HD-1

Submitted on: 2/22/2018 7:31:14 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Carolynn Bell-Tuttle	Individual	Support	No

Comments:

Requires UH community colleges to establish energy systems and technology training courses for county officers and employees responsible for permitting, inspecting, licensing, and approving construction projects and an advisory committee of industry stakeholders and to submit a report to the Legislature. Appropriates funds. (HB1805 HD1)

- Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045.

- A lack of training could lead to unnecessary delays and hamper us from achieving our renewable portfolio goals.

HB-1805-HD-1

Submitted on: 2/22/2018 8:59:54 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Thorne Abbott	Individual	Support	No

Comments:

HB-1805-HD-1

Submitted on: 2/22/2018 9:20:50 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

Hi,

Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045. For this reason, I support HB1805 HD1.

Thanks for your attention

Severine

HB-1805-HD-1

Submitted on: 2/22/2018 10:00:40 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Taurie Kinoshita	Individual	Support	No

Comments:

Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045

HB-1805-HD-1

Submitted on: 2/22/2018 10:18:05 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dana Jenkins	Individual	Support	No

Comments:

I strongly support HB1805 HD1. Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045. In addition to allowing young people an opportunity to learn about a growing trade that may help save the world. What an amazing opportunity to give to the youth of Hawaii!

HB-1805-HD-1

Submitted on: 2/22/2018 10:41:16 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

HB-1805-HD-1

Submitted on: 2/22/2018 10:58:43 AM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

HB-1805-HD-1

Submitted on: 2/22/2018 2:07:53 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Joan Gannon	Individual	Support	No

Comments:

LATE

HB-1805-HD-1

Submitted on: 2/22/2018 4:07:56 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

LATE

HB-1805-HD-1

Submitted on: 2/22/2018 8:41:59 PM

Testimony for FIN on 2/23/2018 2:00:00 PM

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

Comments:

I strongly support HB1805 HD1. Training on renewable energy systems is a key and necessary component for the success of our state's achievement of 100% Renewable Portfolio Standard by 2045. Please support this bill.

Thank you for the opportunity to testify.