



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
House Committee on Lower & Higher Education
February 8, 2019 at 2:30 p.m.

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

HB 560 HD1 – RELATING TO ENERGY TRAINING

Chair Woodson, Vice Chairs Hashem and Perruso, and members of the committee:

Thank you for the opportunity to testify in support of HB 560, HD1. This measure would require the University of Hawai'i 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 560 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 Hawai'i supports the intent of HB 560 HD1 on the condition that any funds do not supplant any portion of the University's Supplemental Budget Request.



Email: communications@ulupono.com

HOUSE COMMITTEE ON LOWER & HIGHER EDUCATION
Friday, February 8, 2019 — 2:30 p.m. — Room 309

Ulupono Initiative Strongly Supports HB 560 HD 1, Relating to Energy Training

Dear Chair Woodson, Vice Chair Hashem, Vice Chair Perruso, 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 manage waste and fresh water resources. 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 560 HD 1, which requires University of Hawai'i community colleges to establish energy systems and technology 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 projects at a faster rate with better efficiency. This would be a win-win situation for all stakeholders.

As Hawai'i's energy issues become increasingly 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-560-HD-1

Submitted on: 2/7/2019 2:32:34 PM

Testimony for LHE on 2/8/2019 2:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	O`ahu County Committee on Legislative Priorities of the Democratic Party of Hawai`i	Support	No

Comments:



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

LATE

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Statement of
MIKE MCCARTNEY
Director
Department of Business, Economic Development, and Tourism
before the
HOUSE COMMITTEE ON LOWER AND HIGHER EDUCATION

Friday, February 8, 2019
2:30 PM
State Capitol, Conference Room #309

In consideration of
HB 560 HD1
RELATING TO ENERGY TRAINING.

Chair Woodson, Vice Chair Perruso, and members of the Committee. The Department of Business, Economic Development, and Tourism (DBEDT) **supports** HB 560 which requires University of Hawaii (UH) community colleges to establish energy systems and technology training courses for County officers and employees and appropriates \$130,000 out of State general revenues to UH for this training. UH is required to establish an advisory committee, including industry and County representatives, to provide input to UH community colleges on the energy systems and technology training courses and assist with outreach.

DBEDT is committed to achieving Hawaii's statutory goal of 100% Renewable Portfolio Standards (RPS) by 2045 as a means of decarbonizing our economy from fossil fuels, amongst other environmental and economic benefits. Training for County officers and employees responsible for permitting, inspecting, licensing, and approving energy systems and technology construction projects would support Hawaii's ambitious RPS goal as education on industry standards and new innovations for County workers involved in energy construction projects can inform and expedite the permitting process.

DBEDT defers to UH community colleges on the level of funding required to develop and implement the energy systems and technology training program.

Thank you for the opportunity to testify.