



DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Statement of
MIKE MCCARTNEY
Director
Department of Business, Economic Development, and Tourism
before the

SENATE COMMITTEE ON WAYS AND MEANS

February 19, 2019
9:30 AM
State Capitol, Conference Room 211

in consideration of
SB 1461
RELATED TO SCIENCE.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports SB 1461, which requires the Governor to enter into negotiations with the United States Department of Energy (US DOE) to establish a national laboratory in Hawaii and to report to the legislature on the status of the negotiations twenty days prior to the convening of the 2020-2024 regular legislative sessions.

Establishing a US DOE national laboratory in Hawaii would diversify our State by strengthening our innovation economy. The laboratory would help to attract and retain talent in science, technology, engineering, and math (STEM) sectors and serve as a hub for public and private sectors to encourage collaboration.

As we strive for 100% renewable energy by 2045, the discovery and development of clean energy technologies will help to achieve our goals. Hawaii was the first state in the nation to pass a bill for 100% renewable energy and we should be the State that leads the innovation.

Thank you for the opportunity to testify.

TESTIMONY BEFORE THE SENATE COMMITTEE ON WAYS AND MEANS

S.B. 1461 Relating to Science

Tuesday, February 19, 2019
9:30 a.m., Agenda Item #34
State Capitol, Conference Room 211

Darren Ishimura, P.E.
Director, Grid Technologies
Hawaiian Electric Company, Inc.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee,

My name is Darren Ishimura and I am testifying on behalf of Hawaiian Electric, Hawai'i Electric Light, and Maui Electric (collectively, "the Hawaiian Electric Companies") in **support** of S.B. 1461, Relating to Science.

The Hawaiian Electric Companies support efforts to establish a national laboratory in Hawai'i that can strengthen the State's ability to evaluate, demonstrate, and deploy new technologies. With increasing utilization of variable renewable energy and industry-leading levels of distributed energy resources in Hawai'i, the Hawaiian Electric Companies proactively seek opportunities to advance its planning and operational capabilities to modernize its grids to integrate more renewable energy, achieve the State's 100% renewable energy goal by 2045, while providing safe, reliable, and resilient power to the State.

The Hawaiian Electric Companies continue to engage in collaborative partnerships, including projects with various U.S. national laboratories, to leverage expertise and resources that can accelerate the evaluation and adoption of advanced technologies. Case in point: Hawaiian Electric Companies has leveraged nearly \$32 million of funding since 2009, including grants from the U.S. Department of Energy, to



Hawaiian Electric
Maui Electric
Hawai'i Electric Light

advance its development, testing, and deployment of new technologies on its grid. A national laboratory in Hawai'i could help increase local technical expertise and create further opportunities for funding in energy-related research beneficial to the State.

Accordingly, the Hawaiian Electric Companies support S.B. 1461. Thank you for the opportunity to testify.

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SB-1461

Submitted on: 2/18/2019 12:24:27 PM

Testimony for WAM on 2/19/2019 9:30:00 AM

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

Comments:

Dear Honorable Committee Members:

Please support SB1461. Hawai'i is rapidly becoming known for its science and to establish a national laboratory will add to our reputation as well as bring jobs to our residents.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei

SB-1461

Submitted on: 2/18/2019 9:24:44 AM

Testimony for WAM on 2/19/2019 9:30:00 AM

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

Comments: