

**SB 2613**

**Date:** 02/04/2010

**Committee:** Senate Energy and  
Environment  
Senate Education and Housing

**Department:** Education

**Person Testifying:** Kathryn Matayoshi, Interim Superintendent of Education

**Title of Bill:** SB 2613 RELATING TO ENERGY.

**Purpose of Bill:** Requires the department of education to incorporate alternative energy designs into the construction of new schools and major renovations at existing schools for which planning and design begins on or after July 1, 2010.

**Department's Position:** The Department of Education (DOE) agrees it is desirable to reduce Hawaii's dependence on imported fossil fuels. However, the DOE does not believe this bill mandating the incorporation of alternative energy designs is necessary or desirable. Act 96 (2006) already mandates energy efficient design. Requiring a specific percentage of a building's energy to come from alternative energy sources is not an efficient use of state resources. The most practical sources of alternative energy for school campuses are solar and wind. However, the wind and solar regimes, and therefore the economic efficiency, are so variable among the various school campus that a one-size-fits-all approach would not be appropriate.

Currently, the DOE is in the last phase of a request for proposals process to award a photo-voltaic power purchase agreement (PV-PPA) at four school sites on Oahu. Next in line will be to work with our Kauai schools and the Kauai Island Utility Company on a much larger PV-PPA project for the entire district. As we learn from these projects we will expand with similar programs both on Oahu and the other neighbor islands. One

benefit of the PV-PPA model is the leverage the DOE has as a statewide system to attract large scale alternative energy providers. By pursuing alternative energy delivery methods such as this, where the provider designs, installs, and maintains the system and sells the power back to the DOE for a set time period, the DOE is able to keep our focus on providing and maintaining safe, healthy environments for students while doing our part to reduce Hawaii's use of fossil fuels.

In addition to these system wide plans, the DOE has implemented pilot programs including an energy neutral classroom portable pilot and various energy conserving projects for our existing buildings. As we continue to increase our use of alternative energies where feasible, the DOE is also implementing energy-saving technologies in our new building projects and renovation projects on existing campuses, and we are making headway with our effort to increase energy conserving behavior. We feel this multi-strategy approach is a preferred method to reduce the DOE's reliance on imported fossil fuel.

Thank you for the opportunity to offer testimony.

Testimony In Support of  
SB2613 RELATING TO ENERGY

By  
Al Lardizabal, Director of Government Relations  
Hawaii Laborers' Union

To the

Senate Committee on Energy and Environment  
and  
Senate Committee on Education and Housing

Thursday, February 4, 2010, 2:45 p.m., Rm. 225  
State Capitol

Honorable Mike Gabbard, Chair; Honorable J. Kalani English, Vice Chair; and Members of the Committee on Energy and Environment;

Honorable Norman Sakamoto, Chair; Honorable Michelle Kidani, Vice Chair and Members of the Committee on Education and Housing:

The Hawaii Laborers Union supports the intent and purpose of SB2613 requiring the DOE to incorporate alternative energy use designs into the construction of new schools and into major renovations to existing schools for which planning and design will begin on or after July 1, 2010.

We defer the dollar value of the renovations called out on page 2 line 21 and the minimum percentage of the buildings total energy consumption to planning and design experts in LEED, called out on page 3 line 3.

Thank you for the opportunity to submit this testimony.

**DOWLING  
COMPANY, INC**

February 4, 2010

Hearing on SB2613, Relating to Energy  
Before the Senate Energy & Environment and Education and Housing  
Committees  
on Thursday, February 4, 2010 at 2:45 p.m. in Conference Room 225

Dear Chairs Gabbard and Sakamoto, and members of the Committees:

My name is Jennifer Stites and I am the Green Development Manager for Dowling Company, Inc. ("DCI"). DCI is a Maui-based real estate development company that is committed to sustainable development.

I would like to express my support for SB2612. This bill decreases fossil fuel-based energy usage in schools through the integration of wind, solar, and other renewable energy technologies. Although LEED certification is required for schools built in Hawaii, renewable energy systems are a potential strategy suggested by LEED and not a mandatory requirement. The installation of renewable energy systems on schools will not only decrease energy costs but will also serve as an educational tool for students. Students will be able to learn about the importance of renewable technologies and gain an understanding of these systems at school. This bill complements the energy efficiency measures that are already being promoted through the requirements of the LEED system.

Thank you for the opportunity to testify on this important measure.



## HAWAII BUILDING AND CONSTRUCTION TRADES COUNCIL, AFL-CIO

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Operating Engineers Local 3

PETER GANABAN

Laborers' International Union of North  
America Local 368

DOUGLAS FULP

International Association of  
Heat & Frost Insulators  
& Allied Workers Local 132

February 3, 2010

Honorable Senator Norman Sakamoto, Chair  
Honorable Senator Michelle Kidani, Vice Chair  
Members of the Senate Committee on Education and Housing  
Hawaii State Capital  
415 South Beretania Street  
Honolulu, HI 96813

RE: **IN SUPPORT OF SB 2613**  
RELATING TO ENERGY.

Hearing: Thurs., Feb. 4, 2010, 2:45 p.m., Room 225

Dear Chair Sakamoto, Vice Chair Kidani and the Senate Committee on  
Education and Housing:

For the Record my name is Buzz Hong the Executive Director for  
the Hawaii Building & Construction Trades Council, AFL-CIO. Our  
Council is comprised of 16-construction unions and a membership  
of 26,000 statewide.

The Council **SUPPORTS** the passage of SB 2613 that requires the  
Department of Education to incorporate alternative energy designs  
into the construction of new schools and major renovations at  
existing schools for which planning and design begins on or after  
July 1, 2010.

Thank you for the opportunity to submit this testimony in support  
of SB 2613.

Sincerely,

William "Buzz" Hong  
Executive Director

WBH/dg