

SB1316 SD1

Measure Title: RELATING TO ELECTRIC VEHICLES.

Report Title: Electrical Vehicle Charging System Installation; Board Approval

Description: Requires the board of directors of an association of apartment owners, condominium association, cooperative housing corporation, or planned community association, upon receipt of a request for the installation of an electric vehicle charging system, to make a decision to approve or deny the request within sixty days. (SD1)

Companion:

Package: None

Current Referral: ENE, CPN

Introducer(s): GABBARD, ESPERO, GREEN, INOUYE, English, Nishihara

<u>Sort by Date</u>		Status Text
1/29/2015	S	Introduced.
2/2/2015	S	Passed First Reading.
2/2/2015	S	Referred to ENE, CPN.
2/4/2015	S	The committee(s) on ENE has scheduled a public hearing on 02-17-15 2:45PM in conference room 225.
2/17/2015	S	The committee(s) on ENE recommend(s) that the measure be PASSED, WITH AMENDMENTS. The votes in ENE were as follows: 4 Aye(s): Senator(s) Gabbard, Green, Ihara, Slom; Aye(s) with reservations: none ; 0 No(es): none; and 1 Excused: Senator(s) Galuteria.
2/20/2015	S	Reported from ENE (Stand. Com. Rep. No. 385) with recommendation of passage on Second Reading, as amended (SD 1) and referral to CPN.
2/20/2015	S	Report adopted; Passed Second Reading, as amended (SD 1) and referred to CPN.
2/20/2015	S	The committee(s) on CPN will hold a public decision making on 02-24-15 9:30AM in conference room 229.



**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
Tuesday, February 24, 2015
9:30 a.m.
State Capitol, Conference Room 229

in consideration of
SB 1316, SD1
RELATING TO ELECTRIC VEHICLES.

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

The Department of Business, Economic Development & Tourism (DBEDT) offers comments on SB 1316, SD1, Relating to Electric Vehicles. DBEDT supports the intent of the bill, however DBEDT remains concerned that the specific language in the bill may contradict Hawaii Revised Statutes Section 196-7.5, which prohibits multi-family dwellings from denying the installation of an electric vehicle (EV) charger. DBEDT, therefore, does not have a position regarding this bill in its current form.

In Hawaii, about 39% of all households reside in multi-family dwellings. Charging EVs in multi-family dwellings are a challenge and access is limited. Costs are a major barrier when installing another meter and running additional power in the parking garage to a designated stall.

Thank you for the opportunity to offer these comments regarding SB 1316, SD1.



February 23, 2015

Aloha Committee Members,

EV Structure strongly supports SB1316 and would like to suggest amendments that

1. Clarify the law, and
2. Encourage best practices and due diligence on EV charging installations in Multi-unit Dwellings (MuD).

In its current form, SB1316 contradicts current law, Act 186, Hawaii Revised Statutes Section 196-2.5 that states that **no person shall be prevented from installing an electric vehicle charging system on or near the parking stall of any multi-family residential dwelling or townhouse that the person owns.**

Act 186 states that board of directors may adopt **rules that reasonably restrict the placement and use** of electric vehicle charging systems for the purpose of charging electrical vehicles in the parking stalls of any multi-family residential dwelling or townhouse; **provided that those restrictions shall not prohibit the placement or use of electric vehicle charging systems altogether.**

SB1316 should be revised to read "Electric vehicle charging system installation requests; board of directors approval or approval with reasonable restrictions". (a) Within sixty days of receipt of a shareholder's complete request for approval to install an electric vehicle charging system, the board of directors shall make a decision to approve, or approve with reasonable restrictions, the shareholder's request. The shareholder's request shall not be deemed complete unless information on the cost and impact of the installation is included with the request. The installation of the electric vehicle charging system shall be subject to section 13 196-7.5

We would also like to see the committee use this bill to encourage best practices and due diligence on the part of the board of directors, in order to ensure accuracy and fairness for all potential shareholders requests. When requests come in for approval to install an electric vehicle sharing system, the board of directors should also make available current transformer load analysis and energy audit data in order to ensure the shareholder has an accurate approximation for the cost and impact of the installation.

Currently, transformers in the typical MuD building across the US have a transformer load capacity that allows for the installation of approximately six (6) Level II electric vehicle chargers. The subsequent request to install an electric vehicle charging system could require a **transformer upgrade, which can cost ~\$35,000**. Along with being a best practice of good energy management, it is critical that the board of directors and requesting shareholders understand the capacity of the transformer before approval to install an electrical charging system is given. In conjunction with energy audit data, this data will give the board of directors and the shareholders a more accurate and comprehensive idea of the cost and impact of adding an electric vehicle charging station. Subsequently, this data lays the foundation for investigation

of energy saving opportunities throughout the building and the development of an "EV Plan" for the board of directors for subsequent requests for installation of an electric vehicle charging station. Information made available through this data could remove **tens of thousands of dollars from installation costs of electric vehicle charging system requests if energy saving methods are applied that can reduce energy consumption and further avert transformer upgrades at present and subsequent electric vehicle charging station installation requests.**

Therefore, we recommend that SB1316 be further amended as follows:

"Electric vehicle charging system installation requests; board of directors approval or approval with reasonable restrictions". (a) Within sixty days of receipt of a shareholder's complete request for approval to install an electric vehicle charging system, the board of directors shall make a decision to approve, or approve with reasonable restrictions, the shareholder's request. The shareholder's request shall not be deemed complete unless information on the cost and impact of the installation is included with the request. To ensure comprehensive and accurate cost and impact of installation, the board of directors approval, or approval with reasonable restrictions, shall not be complete without supporting documentation on the current transformer load capacity and a current energy audit.

Mahalo for your consideration,

Todd Ritter

808.352.3044

www.evstructure.com



Email: communications@ulupono.com

SENATE COMMITTEE ON COMMERCE & CONSUMER PROTECTION
Tuesday, February 24, 2015 — 9:30 a.m. — Room 229

Ulupono Initiative Strongly Supports SB 1316 SD 1, Relating to Electric Vehicles

Dear Chair Baker, Vice Chair Taniguchi, 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 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 strongly supports SB 1316 SD 1, which requires homeowner associations to decide within 60 days of a completed request for installation of an electric vehicle charging system. This bill aligns with our goal of producing more clean, renewable energy in Hawai'i by providing faster decision making on electric vehicle infrastructure.

About 20% of the state's primary energy usage is due to ground transportation, which is almost entirely based on imported fossil fuels. Electric vehicles provide a more efficient transportation vehicle that reduces on fossil fuel consumption.

Currently, there are about 4,000 electric vehicles out of 1 million cars in Hawai'i (0.4%). However, in 2014, out of 50,000 new cars sold, about 1,500 were electric vehicles (3%). Thus, electric vehicles are slowly becoming a larger part of our vehicle fleet.

Yet, as the demand for electric vehicles grows, so does the demand for charging stations. There are currently about 300 commercially run charging stations at 160 sites across the state. As homeowners want the convenience of charging their electric vehicles at home, it will become more important and timely to make decisions on the installation of EV charging stations. This bill will provide EV charging station applicants with less bureaucratic frustration, a quicker turnaround time, and reduced financial expenses as they wait for a shorter amount of time.

As renewable energy and energy efficiency technology improves some of the decision-making processes in the state need to be updated to accommodate these new

Investing in a Sustainable Hawai'i



technologies. This bill simply provides a pathway for a timely decision to be made and does not force EV charging stations to be installed where economic or technical factors prevent it. All of Hawai'i's residents should have the right to choose more efficient transportation solutions and this bill helps to facilitate that right.

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

From: mailinglist@capitol.hawaii.gov
To: [CPN Testimony](#)
Cc: amybrinker@mac.com
Subject: *Submitted testimony for SB1316 on Feb 24, 2015 09:30AM*
Date: Sunday, February 22, 2015 6:37:41 PM

SB1316

Submitted on: 2/22/2015

Testimony for CPN on Feb 24, 2015 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Amy Brinker	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.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

From: mailinglist@capitol.hawaii.gov
To: [CPN Testimony](#)
Cc: mendezj@hawaii.edu
Subject: *Submitted testimony for SB1316 on Feb 24, 2015 09:30AM*
Date: Friday, February 20, 2015 5:08:23 PM

SB1316

Submitted on: 2/20/2015

Testimony for CPN on Feb 24, 2015 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	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.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov