



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

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Statement of
RICHARD C. LIM
Director
Department of Business, Economic Development, and Tourism
before the
**HOUSE COMMITTEE ON
TRANSPORTATION**

Monday, March 12, 2012
9am
State Capitol, Conference Room 309

in consideration of
SB 2747 SD1
RELATING TO ELECTRIC VEHICLE PARKING.

Chair Souki, Vice Chair Ichiyama, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) **supports with comments** SB 2747 SD1, which amends the existing electric vehicle (EV) law, HRS 291-71, by simplifying requirements and making technical amendments for clarity, consistency, and style.

DBEDT prefers the original SB 2747 language which removes a 1% requirement of parking spaces at places of public accommodation, and instead require one (1) parking space to be reserved for EVs and be equipped with an EV charging system. DBEDT considers an EV parking space with a charging system to be the most effective incentive. DBEDT also submits our preferred definition of "Electric vehicle," which is attached.

DBEDT supports the SB 2747 SD1 language which removes a requirement that large parking facilities increase the percentage of reserved EV stalls to 2% when registered EVs in the

State reach 5,000. We also support changing the implementation date from December 31, 2011 to July 1, 2012.

These amendments are critical for greater EV adoption and rollout in Hawaii and the State's transportation agenda under the Hawaii Clean Energy Initiative.

Thank you for the opportunity to offer these comments on SB 2747 SD1.

ATTACHMENT

The Department of Business, Economic Development, and Tourism (DBEDT) recommends the preferred language on the definition of "Electric vehicle" be inserted in SB 2747 SD1:

(d) For the purposes of this section:

"Electric vehicle" means :

(1) A neighborhood electric vehicle as defined in Hawaii Revised Statutes Chapter 291C-134 ; or

(2) A vehicle, with four or more wheels, that draws propulsion energy from a battery with at least 4 kilowatt hours of energy storage capacity that can be recharged from an external source of electricity.



DISABILITY AND COMMUNICATION ACCESS BOARD

919 Ala Moana Boulevard, Room 101 • Honolulu, Hawaii 96814
Ph. (808) 586-8121 (V/TDD) • Fax (808) 586-8129

March 12, 2012

TESTIMONY TO THE HOUSE COMMITTEE ON TRANSPORTATION

Senate Bill 2747, SD1 – Relating to Electric Vehicle Parking

The Disability and Communication Access Board (DCAB) wishes to offer comment on Senate Bill 2747, SD1 – Relating to Electric Vehicle Parking.

We offer no opinion on the required number of electric vehicle stalls. However, we recommend that one stall be designed to be accessible (e.g., accommodate a person with a disability who may have an electric vehicle) although the stall should not be reserved for a vehicle with a placard, which would limit use by others.

DCAB has recommended design specifications to the Department of Business, Economic Development and Tourism as they develop guidance on the installation of electric vehicle charging stations.

Thank you for the opportunity to provide comment.

Respectfully submitted,

BARBARA FISCHLOWITZ-LEONG
Chairperson

FRANCINE WAI
Executive Director

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

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PETER B. CARLISLE
MAYOR



LORI M.K. KAHIKINA, P.E.
DIRECTOR

CHRIS TAKASHIGE, P.E.
DEPUTY DIRECTOR

March 9, 2012

The Honorable Joseph M. Souki, Chair
and Members
House Committee on Transportation
State Capitol
Honolulu, Hawaii 96813

Dear Chair Souki and Members:

Subject: Senate Bill No. 2747 SD1, Relating to Electric Vehicle Parking

The Department of Design and Construction (DDC) respectfully **opposes** SB 2747 SD1 in its current form. The bill proposes, among other requirements, that "Owners or managers of places of public accommodation with at least one hundred parking spaces available for use by the general public shall designate at least one percent of parking spaces or up to five parking spaces, whichever is lesser, exclusively for electric vehicles by July 1, 2012; provided that at least one space shall be equipped with an electric vehicle charging system;..."

DDC supports the general intent of the bill; however, Section 2 of the bill deletes an important qualification for meeting this requirement from Hawaii Revised Statutes, Section 291-71, which indicates that, "Owners of multiple parking lot facilities within the State may designate and electrify fewer parking spaces than required in one or more of their owned properties as long as the scheduled requirement is met for the total number of aggregate spaces on all of their owned properties." This deletion renders the bill impractical for the City, an owner of multiple parking facilities with more than 100 spaces. Some of the City's affected parking facilities have no or insufficient electrical power to support the requirements of an EV charger. If the City does not have the latitude of aggregating its electrified parking spaces to facilities where there is sufficient electrical capacity to install EV chargers, new or supplemental electrical power sources would have to be constructed at these facilities at substantial cost to City taxpayers. For this reason, DDC respectfully **opposes** SB 2747 SD1 in its current form.

The Honorable Joseph M. Souki, Chair
and Members
March 9, 2012
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If the qualification allowing aggregation of electrified parking spaces across all of an owner's or managers parking facilities is reinstated in the bill, DDC would support the bill without additional changes. Please note that DDC supports the House companion bill, HB 2485 HD2, which retains the qualification allowing aggregation of electrified parking spaces across all of an owner's or manager's parking facilities.

Thank you for the opportunity to testify.

Very truly yours,



Lori M. K. Kahikina, P.E.
Director

LMKK/WB:Im

Representative Joseph Souki, Chair
Representative Linda Ichiyama, Vice Chair
Committee on Transportation
State Capitol, Honolulu, Hawaii 96813



HEARING Monday, March 12, 2012
9:00 am
Conference Room 309

RE: SB2747, SD1 Relating to Electric Vehicle Parking

Chair Souki, Vice Chair Ichiyama, and Members of the Committee:

Retail Merchants of Hawaii (RMH) is a not-for-profit trade organization representing about 200 members and over 2,000 storefronts, and is committed to supporting the retail industry and business in general in Hawaii.

RMH understands the intent of SB2747, SD1, which requires that owners or managers of places of public accommodation with at least one hundred parking spaces available for use by the general public to designate at least one percent of parking spaces or up to five parking spaces, whichever is lesser, exclusively for electric vehicles by July 1, 2012; requires that at least one parking space is equipped with an electric vehicle charging system; prohibits any parking space designated for electric vehicles to displace or reduce accessible stalls called for by the Americans with Disabilities Act Accessibility Guidelines; requires issuance of a warning for parking a non-electric vehicle in a stall for electric vehicles beginning 1/1/2013.

We appreciate the intent to clarify the existing statute, but we strongly disagree with the provision that requires that one percent or up to five parking spaces are designated exclusively for electric vehicles. Other than the availability of a charging station, there is no reason that an electric vehicle cannot park in a regular space. We respectfully suggest the language in HB2485, HD3, lines 8 through 16, with the addition of the words "**Owners or managers of,**" which will clearly define the entity responsible for implementing this requirement:

- (a) Owners or managers of places of public accommodation with at least one hundred parking spaces available for use by the general public shall [designate] have at least one [per-cent-of] parking [spaces] space exclusively for electric vehicles [by December 31, 2011, provided that at least one of the parking spaces designated for electric vehicles is located near the building entrance and is] and equipped with an electric vehicle charging [unit.] system located anywhere in the parking structure or lot by July 1, 2012.
Spaces shall be designated, clearly marked, and the exclusive designation enforced. [The electric vehicle charging units shall meet recognized standards, including SAE J1772 of the Society of Automotive Engineers.]

Thank you for your consideration of our request, and for the opportunity to comment on SB2747, SD1.

Carol Pregill, President

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TO: Representative Joseph M. Souki
Chair, Committee on Transportation
Hawaii State Capitol, Room 426
Via Email: TRNtestimony@Capitol.hawaii.gov

FROM: Gary M. Slovin

DATE: March 10, 2012

RE: **S.B. 2747, SD1 – Relating to Electric Vehicle Parking**
Hearing Date: Monday, March 12, 2012 at 9:00 a.m.
Conference Room 309

Dear Chair Souki and Members of the Committee on Transportation:

I am Gary Slovin submitting comments on behalf of the Alliance of Automobile Manufacturers (“Alliance”). The Alliance is a trade association of twelve car and light truck manufacturers including BMW Group, Chrysler Group LLC, Ford Motor Company, General Motors Company, Jaguar Land Rover, Mazda, Mercedes-Benz USA, Mitsubishi Motors, Porsche, Toyota, Volkswagen Group of North America, and Volvo.

The Alliance **submits comments on S.B. 2747, SD1**. Specifically, the Alliance suggests amending the definition of “Electric Vehicle” beginning on Page 3, line 6:

(2) A vehicle, with four or more wheels, that draws propulsion energy from a battery with at least *four* kilowatt hours of energy storage capacity that can be recharged from an external source of electricity.

Changing the battery capacity to four kilowatt hours would make the definition of electric vehicle conform to Federal standards as defined by the IRS, and ensure that all of our members’ electric vehicles would qualify for the provisions of the bill.

This definition has already been inserted by the House in the companion measure it previously heard, HB 2485, HD3.

Thank you for the opportunity to submit comments on this measure.



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HOUSE OF REPRESENTATIVES
THE TWENTY-SIXTH LEGISLATURE
REGULAR SESSION OF 2012

COMMITTEE ON TRANSPORTATION
Representative Joseph Souki, Chair

3/12/12
Rm. 309, 9:00 AM

SB 2747, SD 1
Relating to Electric Vehicle Parking

Chair Souki and Members of this Committee,

My name is Max Sword, here on behalf of Outrigger Hotels Hawaii to comment on this bill.

Outrigger Hotels is in support of this bill, however we would like to see additional language that would clarify further that we can locate the EV stalls anywhere in a parking lot or structure.

We are requesting this additional language due to the fact that in older buildings, such as in many hotels, the power source may be located at the opposite side of the building, as well as some of these older garages have low overhead space, making it impossible to run a direct line for the charging station.

We support the intent of this bill, but request some flexibility in the bill language to locate the stalls where it will have the least impact, physically and financially, on the property owner.

Thank you for allowing me to testify.