

NEIL ABERCROMBIE
GOVERNOR



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IN REPLY REFER TO:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

February 7, 2012

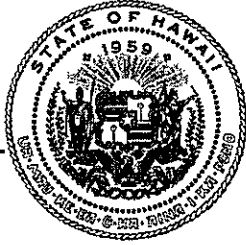
HB 2484, HD 1
RELATING TO ELECTRIC VEHICLES

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

The Department of Transportation supports House Draft 1 of this bill, because it no longer mandates the department to develop administrative rules for registering electric vehicles. Currently rules are not needed.

Thank you for the opportunity to provide testimony.





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

NEIL ABERCROMBIE
GOVERNOR

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Statement of
RICHARD C. LIM
Director
Department of Business, Economic Development, and Tourism
before the
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION
Tuesday, February 7, 2012
9:00 AM
State Capitol, Conference Room 325

in consideration of
HB 2484 HD 1
RELATING TO ELECTRIC VEHICLES.

Chair Coffman, Vice Chair Kawakami, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) strongly supports HB 2484 HD 1, an Administration Bill to codify the existing electric vehicle (EV) law, Act 290 Session Laws of Hawaii 1997, into the Hawaii Revised Statutes, making it easier to find and updating the EV law for clarity, consistency, and enforceability, while addressing EV free parking time limit concerns.

This Bill amends the EV parking time limit to the same requirement as Hawaii accessible stalls, provides EVs with free parking for two-and-a-half hours at metered parking, or the maximum amount of time the meter allows, whichever is longer and removes ambiguity regarding allowable duration of parking. With the proposed amendments EVs will not be allowed to park for free in increments longer than one 24 hour day, including weekly, monthly or

annual parking permits. The amendment also clarifies that EVs are not required to be given free parking while parked at an electric vehicle charging station.

These amendments are critical to 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 in Support of HB 2484 HD 1.

NEIL ABERCROMBIE
GOVERNOR



Dean H. Seki
Acting Comptroller

Jan S. Gouveia
Deputy Director

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING
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P.O. BOX 119
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TESTIMONY
OF
DEAN H. SEKI, ACTING COMPTROLLER
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
TO THE
HOUSE COMMITTEE
ON
ENERGY & ENVIROMENTAL PROTECTION
ON
February 7, 2012
H.B. 2484, HD.1

RELATING TO ELECTRIC VEHICLES

Chair Coffman and members of the Committee, thank you for the opportunity to testify on H.B. 2484. HD1.

The Department of Accounting and General Services (DAGS) supports H.B. 2484. HD1.

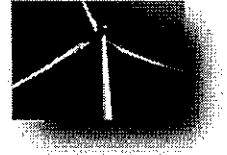
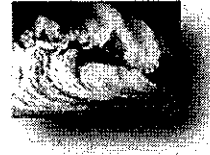
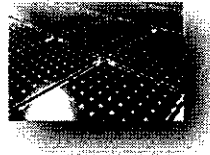
We suggest that section 286-(b) language be changed to "A electric vehicle on which an electric vehicle license plate is affixed shall be exempt from payment of parking fees charged by any state or county authority in the State of Hawaii and meets the following criteria:

- (1) While parked and actively charging at an electric vehicle charging station
- (2) For two hours at any state or county parking meter"

We feel that this is easier to understand and prevents electric vehicles from parking all day without active charging. The time limitation is crucial to prevent any abuse of privileges. Language clarity is required to distinguish and differentiate state/county employee and public parking areas so state/county employee parking access is maintained (i.e., free parking does not apply to employee parking lots.....only to metered stalls).

DAGS recommends the bill be amended to be effective immediately and include an expiration date of December 2015 when at such time the effectiveness of the free parking can be reevaluated to determine its feasibility.

Thank you for the opportunity to testify on this matter



HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

February 7, 2012, 9:00 A.M.

Room 325

(Testimony is 1 page long)

TESTIMONY IN SUPPORT OF HB 2484 HD1

Chair Coffman and members of the Committee:

The Blue Planet Foundation supports HB 2484 HD1, a measure which clarifies electric vehicle (EV) registration rules and clearly codifies existing incentives for EV use in Hawai'i.

Appropriate incentives and requirements for EV infrastructure will foster rapid development of Hawaii's transportation future. Electric vehicles will play an integral role in Hawaii's clean energy future. While EVs that use the existing electricity grid to charge still use mostly fossil fuel (the source of fuel for the power plant), they use that fuel more effectively than burning fuel directly in a typical internal combustion engine (ICE). This is why EVs are much less expensive to "fuel" per mile than their ICE counterparts. Further, by using stored electrical energy, EVs can take advantage of intermittent solar, wind, and other clean energy resources. Most vehicles sit idle over 22 hours of the day, so they can become *de facto* energy storage devices if their batteries are plugged into the grid when they are not in use. With smart grid infrastructure in place, EVs become an essential component to electricity load and clean energy resource balancing—in addition to providing clean mobility solutions for Hawai'i residents.

Electric vehicles today have evolved from their "golf cart" roots. Many production models available today can outperform many regular internal combustion engines on the road today in many measures, including acceleration, torque, and cost to operate per mile. The drawback, however, is its price. As with most full performance EVs, the battery technology currently adds considerable expense to the cost of the EV. But this technology is evolving quickly, and new production EVs (such as the Nissan Leaf) are available at a more modest price. Many more mainstream EVs will be coming to market in Hawai'i within the next two to three years.

House Bill 2484 HD1 codifies and clarifies the existing policies and incentives that exist in different forms (session laws, county statutes, etc.). Blue Planet supports these changes.

Thank you for the opportunity to testify.

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