

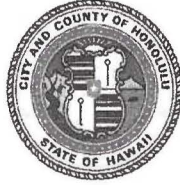
**SB 2515**

**RELATING TO ELECTRIC  
VEHICLES**

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

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February 12, 2016

The Honorable Lorraine R. Inouye, Chair  
and Members of the Senate Committee  
on Transportation and Energy  
State Capitol, Room 210  
415 South Beretania Street  
Honolulu, Hawaii 96813

Dear Senator Inouye and Members of the Committee:

SUBJECT: Testimony on Senate Bill No. 2515 Relating to Electric Vehicles

The Department of Transportation Services, on behalf of the City and County of Honolulu ("City"), expresses concerns regarding the passage of Senate Bill No. 2515 Relating to Electric Vehicles.

Since 2012, subject to the availability of funds, the City was able to install charging stations at seven public parking facilities. The City will need additional time to program capital funds and contract for the design and installation of the electric vehicle charging stations in our remaining City public parking lots. While the City is committed to providing electric vehicle charging stations in our public parking facilities, we have strong concerns with the proposed fines.

Thank you for the opportunity to submit this written testimony.

Very truly yours,

  
Michael D. Formby  
Director



Email: [communications@ulupono.com](mailto:communications@ulupono.com)

SENATE COMMITTEE ON TRANSPORTATION & ENERGY  
Tuesday, February 16, 2016 — 2:55 p.m. — Room 229

**Ulupono Initiative Supports SB 2515 with Comments, Relating to Electric Vehicles**

Dear Chair Inouye, Vice Chair Gabbard, 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 affordable, clean, renewable energy; and reduce waste. 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.

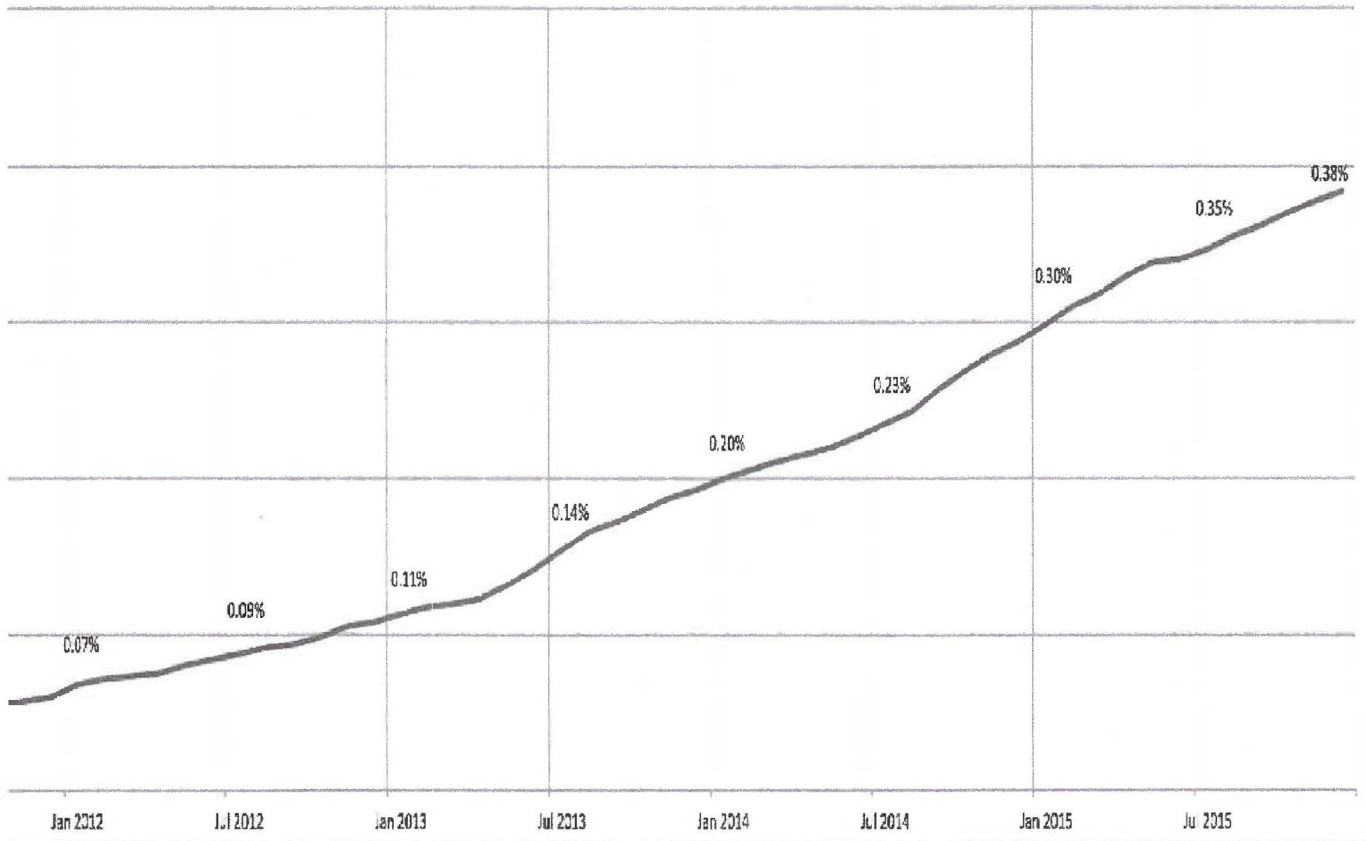
**Ulupono supports SB 2515**, which establishes fines for parking facility owners that do not provide at least one electrical vehicle charging station for lots with at least 100 parking stalls.

In Hawai'i, the transportation sector requires more energy than the electricity sector. Furthermore, about 20% of the state's primary energy usage is due to ground transportation, such as cars and trucks, which rely almost exclusively on imported fossil fuels for its energy. This bill would create greater demand for electric vehicle charging infrastructure, which makes electric vehicle ownership more appealing by reducing range anxiety as well as having the potential to add battery storage capacity and/or demand response capacity to the electric grid.

Hawai'i ranks second in the nation behind California in the number of electric vehicles registered as a % of vehicles. As of December 2015, electric vehicles represented ~0.4% of all registered vehicles. Electric vehicle registrations went up 26% in 2015, even amongst falling gas prices, while gasoline vehicle registration dropped ~6%. Electric vehicles are only going to grow in market share of vehicles and therefore this bill takes a reasonable proactive approach to support new technology.

*Investing in a Sustainable Hawai'i*

Electric Vehicles as a Percentage of Total Vehicles Statewide



While Ulupono supports the bill's language to establish parking fines, we would also encourage language found in Senate Bill 2774 to be added to this bill. Provisions in Senate Bill 2774 include:

1. Providing a fair scale to make the number of electric vehicle charging stations correspond with the size of the parking facility. Under current law, whether a parking facility has 100 or 1,000 parking stalls, it only requires one electric vehicle charging station.
2. Defining and describing the enforcement authority and process.
3. Creating an exemption process for technical or financial reasons.

As Hawai'i's energy and transportation issues become more complex and challenging, we appreciate this committee's efforts to look at policies that better prepare Hawai'i for the future.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay  
Managing Partner