



HOUSE COMMITTEE ON ENERGY

Feb. 9, 2017, 8:30 A.M.

Room 325

(Testimony is 1 page long)

TESTIMONY IN SUPPORT OF HB 793

Aloha Chairs Lee, Vice Chair Lowen, and members of the committee:

Blue Planet Foundation **strongly supports** HB 793 which would require places of public accommodation with over 100 publicly accessible parking stalls to provide a ratio of one electric vehicle parking stall per 100 stalls by 2018 and a ratio of four electric vehicle parking stalls per 100 stalls by the year 2023. The bill also designates the state department of transportation to monitor compliance and assess penalties.

Blue Planet Foundation is a leading advocate for the development of clean energy and clean transportation in Hawaii and believes that electric vehicles will play a pivotal role in helping to eliminate fossil fuel use for both ground transportation and the electricity sector.

We believe that with an increasing number and type of electric vehicle models coming onto the market with greater driving ranges and lower prices; and with how well suited electric vehicles are for Hawaii's climate and travel demand; electric vehicles are on the verge of a major increase in adoption in Hawaii.

Blue Planet Foundation agrees with industry experts who view the availability of electric vehicle charging as a major barrier that could limit the uptake of electric vehicles, particularly in areas like Urban Honolulu where a large proportion of the population lives in multi-family units and are not able to charge their vehicles at home.

We believe that this bill will help to develop a more robust public charging network that will allow for the expedited adoption of electric vehicles in the state. We urge the committee to pass the bill.

Thank you for the opportunity to testify.



Email: communications@ulupono.com

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Thursday, February 9, 2017 — 8:30 a.m. — Room 325

Ulupono Initiative Strongly Supports HB 793 with an Amendment, Relating to Electric Vehicles

Dear Chair Lee, Vice Chair Lowen, and Members of the Committee:

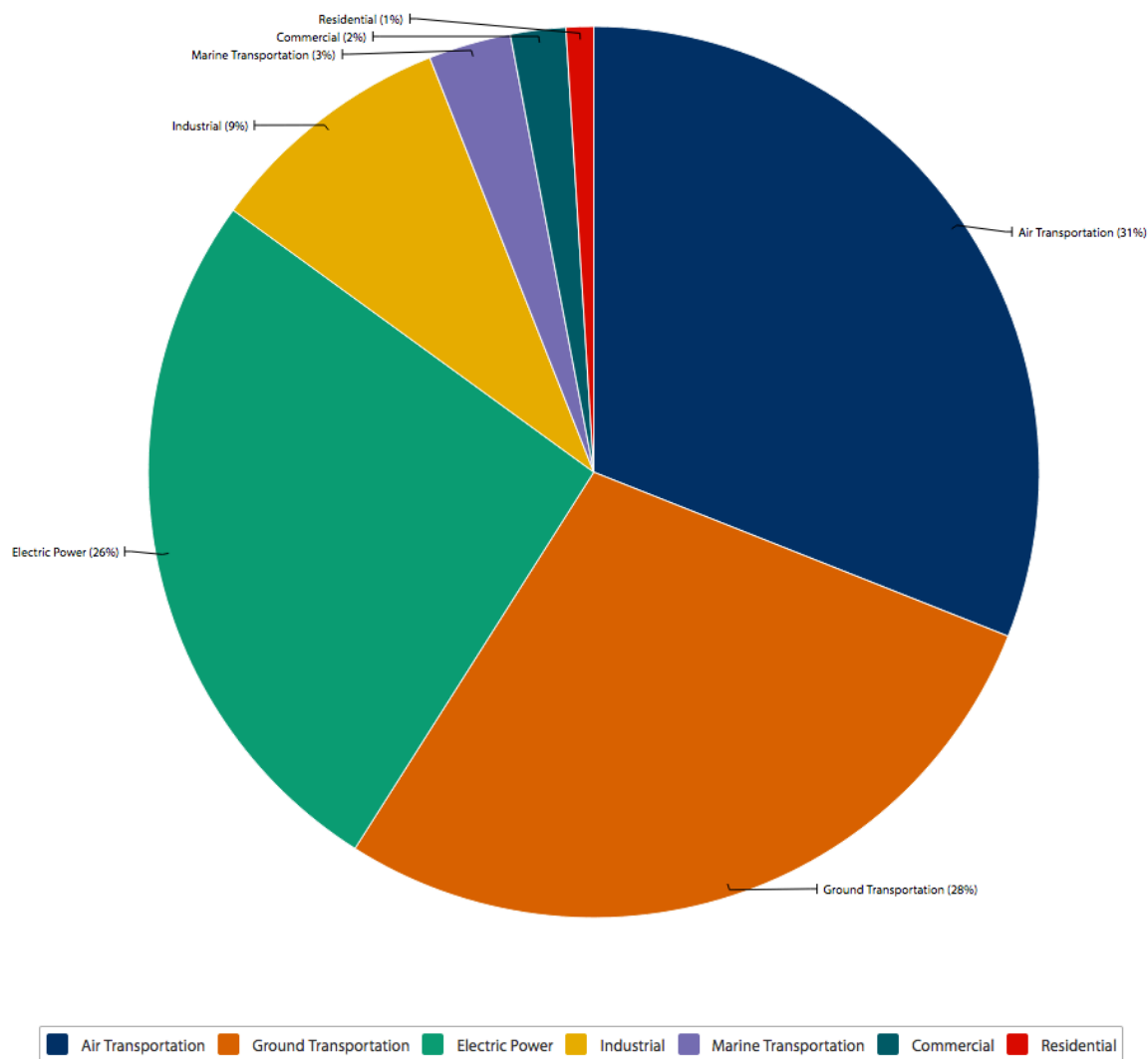
My name is Murray Clay and I am Managing Partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and reduce waste. Ulupono believes 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 HB 793, 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.

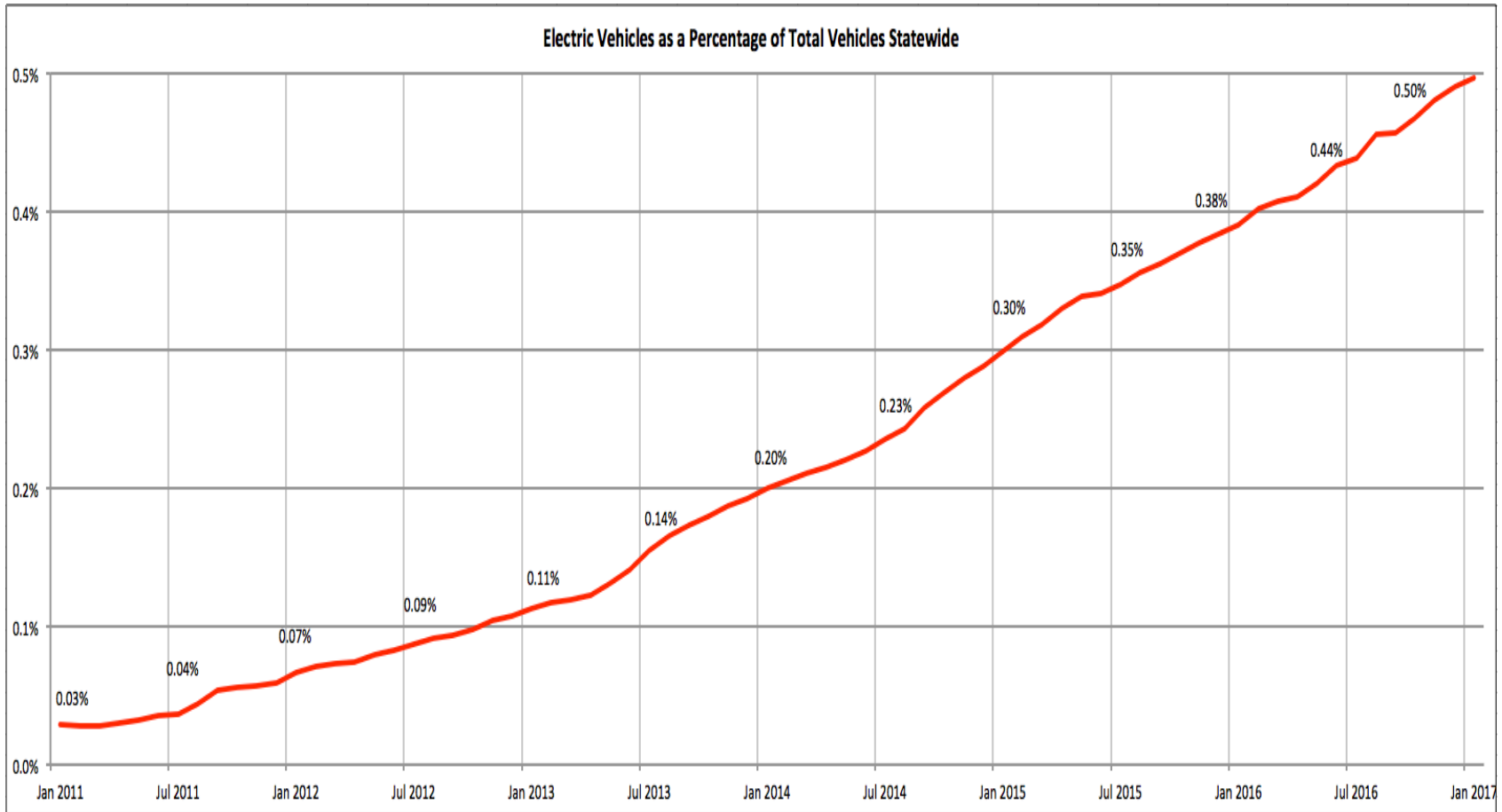
In Hawai'i, while ~20 percent of electricity generation is renewable energy, less than 1 percent of energy use in transportation is renewable. Meanwhile, the transportation sector requires more energy than the electricity sector. Furthermore, about 28 percent of the state's primary energy usage is due to ground transportation, such as cars and trucks, which rely almost exclusively on imported fossil fuels for its energy. Electrifying ground transportation is presently the most efficient and impactful ways to move transportation toward more renewable energy.

This bill would create greater demand for electric vehicle charging infrastructure, a precursor to making electric vehicle ownership more appealing by reducing range anxiety. More electric vehicle charging stations would have the additional benefit of the potential to add battery storage capacity and/or demand response capacity to the electric grid.

Investing in a Sustainable Hawai'i



Hawai'i ranks second in the nation behind California in the number of electric vehicles registered as a percentage of vehicles. As of January 2017, electric vehicles represented 0.5 percent of all registered vehicles. In 2016, electric vehicle registrations increased by 28 percent while gasoline vehicle registration only increased by 0.1 percent. 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.



Source: DBEDT



Yet even as electric vehicles are growing in Hawai'i, public electric vehicle charging infrastructure is not keeping up. In October 2015, there were 8.43 electric vehicles for every public level 2/3 charger in Hawai'i. Yet, in August 2016, there were 8.87 electric vehicles for every public level 2/3 charger in Hawai'i.

There is one amendment that Ulupono would like to propose. Instead of the Hawai'i Department of Transportation enforcing this measure, it would be more appropriate for the Planning and Permitting departments at the county level to do so.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay
Managing Partner



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**TESTIMONY OF TINA YAMAKI
PRESIDENT
RETAIL MERCHANTS OF HAWAII
February 9, 2017**

Re: HB 793 Relating to Electric Vehicles

Good morning Chairman Lee and members of the House Committee on Energy & Environmental Protection. I am Tina Yamaki, President of the Retail Merchants of Hawaii and I appreciate this opportunity to testify.

The Retail Merchants of Hawaii (RMH) is a statewide not-for-profit trade organization representing 200 members and over 2,000 storefronts, and is committed to support the retail industry and business in general in Hawaii. The retail industry is one of the largest employers in the state, employing 25% of the labor force.

Retailers continue to be concerned about our aina and have supported many initiatives that preserve and protect our environment. However, The Retail Merchants of Hawaii does not support HB 793 Relating to Electric Vehicles. This bill would increase the number of charging stations and parking spaces designated specifically for electric vehicles.

We believe that the market and customers should be the influencers in business trends and operations and not government mandates. Retailers and shopping malls already provide reserved parking spaces with a FREE charging station for electric vehicles. Yet these stalls for EV come at a cost to businesses who must pay to have an Electric Charging Station installed and or maintained as well as an increased electric bill.

Taking away open public parking stalls and turning them into reserved EV stalls would hurt businesses, especially on weekends when many go to the malls and stores to shop and turn away when they can't find a stall. Many of our members have found EV drivers in the surrounding neighborhood and condominiums plug into the retailers charging stations to avoid increasing their electric bill at home or because their complex with the ability to charge the EV, AND are not shopping in the stores while their batteries are being recharged.

We urge you not to impose another government mandate on business. Mahalo for this opportunity to testify.

My name is Johnny Li, and I am testifying as an individual on HB793, relating to electric vehicles.

Although electric vehicles are the wave of the future, and I very much would like to get one, it is impossible for me to do so living in an apartment, having nowhere to recharge.

Increasing electric vehicle parking spaces would take away spaces from those not rich enough to buy or rent a house that can recharge an electric vehicle.

The Tesla branded cars make up a significant fraction of all electric vehicles on the road. A Tesla is a luxury car for the rich, and it cost more than a average Hawaii worker's annual salary. I believe it is unfair for the rich to be taking parking spaces from the poor.

Thank you for giving me an opportunity to testify on this bill.

From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 5:37 AM
To: EEPtestimony
Cc: charleschang2017@outlook.com
Subject: Submitted testimony for HB793 on Feb 9, 2017 08:30AM

HB793

Submitted on: 2/7/2017

Testimony for EEP on Feb 9, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
charles chang	Individual	Oppose	No

Comments: Strongly opposeNot only a burden on business, Parking Lots are not Gas/Fuel Stations.

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.

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From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 7, 2017 11:08 PM
To: EEPtestimony
Cc: tika_bean@hotmail.com
Subject: Submitted testimony for HB793 on Feb 9, 2017 08:30AM

HB793

Submitted on: 2/7/2017

Testimony for EEP on Feb 9, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Erica Scott	Individual	Support	No

Comments: Aloha, my name is Erica Scott and I am a Makiki resident and I strongly support this bill.

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LATE

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 8, 2017 9:20 PM
To: EEPtestimony
Cc: lho@hawaiipublicpolicy.com
Subject: Submitted testimony for HB793 on Feb 9, 2017 08:30AM

HB793

Submitted on: 2/8/2017

Testimony for EEP on Feb 9, 2017 08:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Sandra Bollozos Fraticelli	BOMA Hawaii	Oppose	Yes

Comments: We are testifying on behalf of the Building Owners and Managers Association of Hawaii. BOMA Hawaii fully supports energy efficient alternatives in transportation. With a growing number of electric vehicles (EV) on the road, a marketplace need is developing for EV charging stations. BOMA Hawaii supports flexibility in allowing property owners and their tenants to decide whether or not to install EV charging stations at parking facilities and opposes inflexible mandates for the provision of EV charging stations or "EV-ready" infrastructure. BOMA Hawaii believes the free market will meet the growing demand and that mandates will only tend to increase costs without yielding the desired benefits. We respectfully oppose this measure. We request to be a part of the dialog concerning EV mandate impacts on the community and economy. It has been estimated that more than 100,000 electric vehicles are now on the road in the United States, and this is only expected to grow. As plug-in cars have become more visible on the nation's highways and local streets, there has also been a corresponding need for electric vehicle charging stations. This emerging need is creating a marketplace demand. Many building owners have installed EV charging stations and have successfully used it as a profit center as well as an amenity to attract new business and/or new tenants. Others are reluctant to take on the cost (installation cost, lost revenue from lost parking spaces, etc.), ongoing maintenance and management responsibilities, and liability. Where building owners are able to balance the benefits and potential draw backs, and where it makes economic sense, property owners will move forward to meet the need, without federal, state or local mandates. Mahalo for the opportunity to testify.

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SIERRA CLUB OF HAWAI'I
MĀLAMA I KA HONUA. *Cherish the Earth.*

LATE

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Thursday, February 9, 2017 8:30AM Room 325

In SUPPORT HB 793 Relating to Electric Vehicles

Aloha Chair Lee and members of the Energy & Environmental Protection Committee,

On behalf of our 20,000 members and supporters, Sierra Club of Hawai'i supports HB 793, which seeks to improve electric vehicle adoption rates by increasing the number of parking stalls for electric vehicles.

Since 1968, the Sierra Club of Hawai'i has been working to protect the unique natural and cultural resources of our islands. We helped advocate for the establishment of our current renewable energy portfolio standards and support adopting similar goals for our ground transportation system.

Passing HB793 helps combat climate change, improve air quality, and reduce vehicle-generated noise pollution by further encouraging the conversion to electric vehicles.

In order to ensure a full and fair transition to a truly clean energy economy, it is important that the Legislature adopt this measure.

Thank you very much for this opportunity to provide testimony on this important issue.

Mahalo,
Marti Townsend
Director