

DAVID Y. IGE
GOVERNOR



CURT T. OTAGURO
Comptroller
AUDREY HIDANO
Deputy Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

TESTIMONY
OF
BRIAN Y. SAITO
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
AUTOMOTIVE MANAGEMENT DIVISION
TO THE
HOUSE COMMITTEE
ON
ENERGY AND ENVIRONMENTAL PROTECTION
ON
January February 29, 2019

H.B.238
RELATING TO ELECTRIC VEHICLES

Chair Lowen and members of the Committee, thank you for the opportunity to testify on H.B.238

The Department of Accounting and General Services (DAGS) offers comments on H.B. 238 which imposes the extension of a repeal date from June 30, 2020 to June 30, 2030 for the parking fee exemption for electric vehicles.

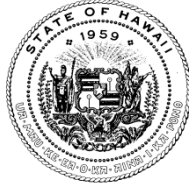
Act 168 Session Laws of Hawaii 2012 exempts Electric vehicles for certain parking fees collected by State and County agencies. This law was enacted to encourage the adoption of the purchase of Electric Vehicles. Studies show consumers would purchase these vehicles as pricing and driving range improves. We feel the law has served its intended purpose. We suggest the sunset date of June 2020 be retained.

Please note the current law allows electric vehicle to move from metered stall to another metered stall in the same Parking lot to avoid parking fees. This is abuse of parking privilege that Electric Vehicle owners are taking advantage of in all areas. This abuse takes away valuable public parking stall from legitimate users who need to do business in the area when

personal EVs are parked in the area for the whole day. **We suggest a time limit of 2.0 hours maximum per day to allow patron to do business in area and leave.** Also note that free EV parking accounts for 15-20 K of lost meter revenue per month for the DAGS parking program.

Thank you for the opportunity to testify on this matter

DAVID Y. IGE
GOVERNOR



TESTIMONY BY:

JADE T. BUTAY
DIRECTOR

Deputy Directors
LYNN A.S. ARAKI-REGAN
DEREK J. CHOW
ROSS M. HIGASHI
EDWIN H. SNIFFEN

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

January 29, 2019
8:30 a.m.
State Capitol, Room 325

H.B. 238
RELATING TO ELECTRIC VEHICLES.

House Committee on Energy and Environmental Protection

The Department of Transportation (DOT) offers **comments** to H.B. 238.

To address parking abuses at State parking facilities. The DOT seeks clarification on the intent of Act 168, Session Laws of Hawaii 2012, regarding to parking fees assessed in increments longer than one twenty-four-hour day, including weekly, monthly, or annual parking permits.

The DOT is acceptable to the incentives offered on highways into the future.

Thank you for the opportunity to provide testimony.



TESTIMONY REGARDING HB 238

**being heard by the House Committee on Energy and Environmental Protection
on Tuesday, January 29, 2019 at 8:30 a.m.**

Aloha Chair Lowen and Members of the Committee:

Thank you for the opportunity to provide testimony regarding HB 238, which would extend the sunset date for various benefits provided to electric vehicles (EVs) pursuant to Act 168.

Tesla's mission is to accelerate the world's transition to sustainable energy. The electrification of transportation is critical to this effort, recognizing the significant role of the transportation sector in our society's dependence on fossil fuels and the attendant challenges that dependency entails, including climate change, local air quality and public health impacts, as well as energy and economic security concerns. By adopting and extending progressive policies, like those embodied by Act 168, Hawaii can effectively encourage the adoption of EVs and help facilitate the state movement away from fossil fuels.

Studies have shown that policies like providing electric vehicles access to HOV lanes can be a significant driver of demand for electric vehicles. One such study, in California, found that HOV lane access was the primary reason for purchasing an EV or plug-in hybrids for between 38% and 57% of the drivers surveyed.¹ We believe that parking benefits, like those currently provided for in Hawaii can also represent a meaningful incentive that can serve as an additional inducement for households and businesses to consider an EV over a conventional gas or diesel burning alternative.

As we start to see the Federal Electric Vehicle Tax Incentive step down and eventually go away, state policies have an ever more important role to play in driving EV adoption. For these reasons, Tesla strongly supports HB 238 which would extend the benefits currently provided to EVs by an additional ten years. Hawaii's commitment to renewable energy remains among the most ambitious in the country and the Mayoral proclamation to eliminate the use of fossil fuels from ground transportation is truly-pace setting. Achieving these ambitious goals will not be easy, but supportive policies like those this bill would extend are important enablers and should be adopted.

Thank you for the opportunity to submit this testimony.

¹ "Evaluating the Impact of High Occupancy Vehicle (HOV) Lane Access on Plugin Vehicles (PEVs) in California"; Gil Tal, Ph.D. Michael A. Nicholas Ph.D.; Institute of Transportation Studies, UC Davis Plug-In Hybrid and Electric Vehicle Research Center. Available for download at https://policyinstitute.ucdavis.edu/files/Tal_June2014_Final.pdf



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: January 28, 2019

TO: Representative Nicole Lowen
Chair, Committee on Energy and Environmental Protection
Submitted Via Capitol Website

RE: **H.B. 238 – Relating to Electric Vehicles**
Hearing Date: Tuesday, January 29, 2019 at 8:30 a.m.
Conference Room: 325

Dear Chair Lowen and Members of the Committee on Energy and Environmental Protection:

We submit this testimony 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, Fiat Chrysler Automobiles, Ford Motor Company, General Motors Company, Jaguar Land Rover, Mazda, Mercedes-Benz USA, Mitsubishi Motors, Porsche, Toyota, Volkswagen Group of North America, and Volvo Car USA.

The Alliance supports H.B. 238, which would extend current electric vehicle incentives beyond the anticipated sunset date of June 30, 2020 to June 30, 2030. Hawaii has one of the highest rates of adoption of passenger electric vehicles in the nation at 2.3%, and currently there are over 8,330 passenger electric vehicles registered in the state. The Alliance is supportive of these incentives because they would encourage greater adoption of passenger electric vehicles in Hawaii.

Thank you for the opportunity to submit testimony in support of this measure.

**TESTIMONY BEFORE THE HOUSE COMMITTEE ON
ENERGY & ENVIRONMENTAL PROTECTION**

H.B. 238

Relating to Electric Vehicles

Tuesday, January 29, 2019
8:30 AM, Agenda Item #8
State Capitol, Conference Room 325

Brennon Morioka
Director, Electrification of Transportation
Hawaiian Electric Company, Inc.

Aloha Chair Lowen, Vice Chair Wildberger and committee members,

My name is Brennon Morioka and I am testifying on behalf of Hawaiian Electric Company and its subsidiary utilities Maui Electric Company and Hawai'i Electric Light Company (collectively, the "Companies") in **support** of HB 238, Relating to Electric Vehicles. HB 238 takes an important step in supporting our state's transition away from imported fossil fuels by extending the sunset date from 2020 to 2030 for certain incentives authorized under Act 168, of 2012.

The Hawaiian Electric Companies are committed to supporting the state's transition towards clean transportation and considers the existing benefits for clean fuel vehicles as an important incentive towards incentivizing adoption. Reducing barriers to adoption and facilitating the electrification of transportation is one of the Company's top priorities established in our *Electrification of Transportation Strategic Roadmap*.

The Companies are committed to an EV strategy that acknowledges the need for more sustainable transportation options. This bill will continue the tremendous progress that the state has made towards a cleaner and more sustainable transportation future.

Accordingly, the Hawaiian Electric Companies support HB 238. Thank you for this opportunity to testify.



Hawaiian Electric
Maui Electric
Hawai'i Electric Light



John Uekawa, President
Dave Roll, Executive Director



HADA testimony in **Strong Support** of HB 238

Relating to Electric Vehicles

Submitted to the Committee on Energy & Environmental Protection
For the public hearing, 8:30 a.m. Tuesday, January 29, 2019

in Conference room 325, Hawaii State Capitol

Chair Lowen, Vice Chair Wildberger and members of the committee:

HB238 proposes to extend the sunset date extension from 2020 to 2030 on incentives to purchase EVs.

Well-crafted public policies relating to electric vehicles are welcome and strongly supported by the members of the Hawaii Automobile Dealers Association—Hawaii's franchised new car dealers.

Dealers, customers and auto manufacturers are making the investments in renewable fuel vehicles. Public policies encouraging these investments are helping to improve the customer uptake process.

A UH research study, authored by Sherilyn Wee, Makena Coffman, and Sumner La Croix, is one of the nation's most definitive studies on EV adoption and the effects of public policies like HOV lane access and free parking for electric vehicles.

Their research, along with insights from new car sales personnel in Hawaii, shows that these public policy benefits (HOV lane access and free parking) are motivating factors in the choice of new vehicles by Hawaii customers.

Wee, Coffman and La Croix quote from an early study in noting the following:

Several regional analyses support the findings that HOV lane access, regardless of actual passenger count, is important to EV sales. Looking at the 2010–2013 time period,

Sheldon and DeShazo (2016) attribute a quarter of California's EV registrations to its HOV lane access policy. Prior studies on HEVs similarly find that consumers are willing to pay a premium for HOV lane access. Bento et al. (2014) estimate that HEV owners in Southern California gain \$473 annually from purchasing a sticker to access HOV lanes, regardless of vehicle passenger count. Similarly, Shewmake and Jarvis (2014) find that in 2005 HOV lane access could have been sold to Californians for \$5800 per sticker, instead of being freely allocated to HEV owners. In a study of Virginia, Diamond (2008) finds that the impact of HOV lane access is highly dependent on the local provision of HOV lanes.

The researchers later point out that the findings on HOV access are highly contextual and note the following:

Policy instruments vary in the way that they affect EV consumers. There are some that are accrued universally while others are highly contextual, depending on local conditions and EV consumer driving patterns. Policy instruments that accrue to all EV consumers in a state include vehicle purchase incentives, home charger subsidies, reduced VLT or registration fees, emissions inspection exemptions, and annual EV fees. Policy instruments that are experienced by only some EV consumers in a state include HOV lane access, designated or free parking and TOU rates. The potential benefits of HOV lane access are highly circumstantial, depending on local provision of HOV lanes, congestion on other roads and individual driving needs. This is similarly true of designated or free parking in terms of parking costs and individual parking demands.

Wee, Coffman, and La Croix reported that the present value of HOV access in states over a 6-year vehicle ownership period, based on initial purchase value ranged from \$1,770 to \$3,880 with a mean value of \$2,780.

While Hawaii has the second highest customer uptake rate (per capita) for renewable fuel vehicles, second only to California, the number still remains lower than 1% of the total personal transportation vehicles on the roadways.

Well-crafted public policies encouraging customer benefits of ownership of renewable fuel vehicles, including HOV lane access with single occupancy, and free parking provisions, will show Hawaii's commitment to clean energy. It is energy that can be produced in Hawaii.

The members of the Hawaii Automobile Dealers Association (HADA) thank the sponsors and supporters of HB238 and respectfully ask that the committee give the measure favorable consideration and pass it forward.

Respectfully submitted,

David H. Rolf (on behalf of the members of HADA)



To: The House Committee on Energy & Environmental Protection
From: Sherry Pollack, Co-Founder, 350Hawaii.org
Date: Tuesday, 1/29/19

In support of HB 238

Aloha Chair Lowen, Vice Chair Wildberger, and Committee members,

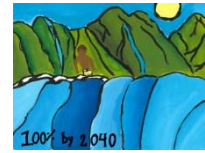
I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org supports **HB238**.

Extending the sunset date for Act 168, Session Laws of Hawaii 2012, will provide an incentive to buy EVs. Given the urgent need to act upon climate change, every little bit helps. Moving as quickly as possible away from gasoline cars is a crucial piece of the zero-emissions puzzle.

Please support HB 238 and help to keep consumers on track to buy more EVs.

Mahalo for the opportunity to testify in **support** of this bill.

Sherry Pollack
Co-Founder, 350Hawaii.org



HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

January 29, 2019, 8:30 A.M.

Room 325

(Testimony is 2 pages long)

TESTIMONY IN STRONG SUPPORT OF HB 238

Aloha Chair Lowen, Vice Chair Wildberger, and Committee members:

Blue Planet Foundation strongly supports House Bill 238, which would extend the sunset date—from 2020 to 2030—for certain incentives for electric vehicles, such as incentives for parking and high occupancy vehicle (HOV) lane access (as set forth in Act 168, Session Laws of Hawai'i 2012).

Parking incentives and access to HOV lanes for electric vehicles (EVs) have helped to increase EV adoption in the state over the past seven years, making Hawai'i second highest in per capita EV adoption of any state in the United States. As a community nonprofit engaged in the local dialogue on clean transportation options, we often hear from stakeholders and community members that these ancillary benefits factor heavily into the decision-making process for purchasing an EV.

While it is currently cheaper to own an EV over the lifetime of the vehicle due to fuel cost and maintenance savings, there remains an upfront cost premium on EVs compared to gas-powered vehicles. It is important that these parking and driving incentives remain intact until the upfront cost of EVs reaches cost parity with their gas-powered counterparts. Bloomberg New Energy Finance estimates that the upfront cost of EVs will become competitive on an unsubsidized basis beginning in 2024 and will reach all vehicle segments by 2029.¹

Although electric vehicles have recently seen impressive adoption increases in Hawai'i (25% growth in EV registrations statewide from December 2017 to December 2018), they still only comprise less than 1% of total passenger vehicles in the state.² Eliminating parking and other incentives for electric vehicles at this early stage in market adoption could hamper our progress, steering us in the opposite direction and away from our clean energy and carbon reduction goals.

¹ See Bloomberg New Energy Finance, *Electric Vehicle Outlook 2018*, available at: <https://about.bnef.com/electric-vehicle-outlook/>.

² See DBEDT Monthly Energy Trends, available at: <http://dbedt.hawaii.gov/economic/energy-trends-2/> (accessed January 28, 2019).

If Hawai'i hopes to achieve its 100% renewable energy and renewable transportation goals by 2045, we do not have time to wait for the market to take over on its own. Instead, it is imperative that we maintain and even expand incentives for those community members that want to lead the charge by becoming early EV adopters. Now is the time to push harder for clean transportation in Hawai'i, not scale back support.

House Bill 238 offers an opportunity to reinforce Hawai'i's support for EV adoption, and we urge the committee to pass the bill as currently drafted.

Thank you for the opportunity to testify.



To: The House Committee on Energy & Environmental Protection
From: Brodie Lockard, Hawaii State Climate Lead, Organizing for Action
Date: Tuesday, January 29, 2019, 8:30 am

In support of HB 238

Dear EEP Chair Lowen, Vice Chair Wildberger and Committee Members—

Organizing for Action supports HB 238.

Free parking and especially access to the zipper lane may be just the extra incentive some consumers need to make the change to an EV, and Hawaii needs as much of that change as we can muster.

More use of the zipper lane costs nothing and will help to ease everyone's commute. Lost parking fees are a tiny price to pay to eliminate the carbon emissions that an internal combustion engine will produce over a car's ten-year life.

Please pass HB 238 and continue to encourage EV adoption.

Thank you for the opportunity to testify.

Brodie Lockard
Hawaii State Climate Lead, Organizing for Action

HB-238

Submitted on: 1/27/2019 12:57:56 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Noel Morin	Big Island EV Association	Support	No

Comments:

On behalf of the Big Island Electric Vehicle Association, I'm writing to encourage us to pass HB238 and extend the sunset date for Act 168.

Electric vehicles (EV) are critical to our journey to a more sustainable future and are important to Hawaii's Clean Energy goals. EV adoption is still relatively low (<1% on the Big Island, for instance). To increase adoption of EVs, incentives need to be provided to help offset the perceived and actual disadvantages that exist for EVs. Incentives such as free EV Parking and exemption from HOV lane access restrictions help to promote interest and adoption.

Extending the sunset date of Act 168 (and supporting the creation of additional incentives) will help us continue to increase the number of electric cars on our roads.

Thank you for your consideration.

Noel Morin

President - Big Island Electric Vehicle Association

HB-238

Submitted on: 1/28/2019 3:21:47 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	Oahu County Committee on Legislative Priorities of the Democratic Party of Hawai'i	Support	No

Comments:

HB-238

Submitted on: 1/26/2019 12:14:36 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

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

Comments:

dChair Lowen

I live in the downtown area over 40 years and since this law was passed I see the same Electric vehicles in meters in my neighborhood.. In fact one of persons is my neighbor . She has blatantly told me its the law so "I get free parking" . . Please curb this abuse and stop law not extend it.

HB-238

Submitted on: 1/27/2019 8:01:07 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Timothy Kim	Individual	Support	No

Comments:

Dear Chair Lowen and Members of the Committee,

I am writing to encourage you to pass HB 238, which would extend the current set of benefits provided to electric vehicles, including HOV lane access and parking benefits, to 2030. As an owner of an electric vehicle, I can personally attest that these benefits played a non-trivial part in my decision to buy an EV over a conventional vehicle. I would expect that for many people looking to buy a car, these benefits will continue to make a significant difference when considering what type of vehicle to purchase.

In addition to the direct benefits these policies provide in terms of driving demand for EVs, these policies also have a powerful signaling affect, indicating to the general public, vehicle manufacturers and auto dealers that the State of Hawaii takes its efforts to transition away from fossil fuels seriously, and is backing it ambitious statements regarding clean energy and eliminating the use of fossil fuel from ground transportation, with supportive policies. I believe these signals can help ensure that anyone looking to sell vehicles in Hawaii understands that the future is electric and that they should factor that into the types of products they plan on selling in our beautiful state.

Hearing Tuesday, 1/29 at 830 AM by the House Committee on Energy and Environmental Protection

Sincerely,

Timothy Kim, MD

HB-238

Submitted on: 1/27/2019 8:05:27 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Peter Forman	Individual	Support	No

Comments:

I support HB238, a bill to extend various incentives for electric vehicle usage.

Quite simply, Hawaii's legislature has already embraced a future that is clean, sustainable, and consistent with our goals of reducing global warming. Extending benefits for the use of electric vehicles is perhaps the most cost effective means available for promoting the adoption by Hawaii residents of these new technology vehicles. Let's stay serious in our quest for a better future!

Respectfully,
Peter Forman
Kailua, Hawaii

HB-238

Submitted on: 1/27/2019 10:51:53 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brian Nakashima	Individual	Support	No

Comments:

I support Bill HB238.

This Bill was one of my reasons why I should buy an EV. It would help benefit clean energy and clean transportation. This would also encourage others to purchasing an EV.

HB-238

Submitted on: 1/27/2019 11:05:43 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kenneth Eisner	Individual	Support	No

Comments:

HB-238

Submitted on: 1/27/2019 11:07:48 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Maris Kiyuna	Individual	Support	No

Comments:

To whom it may concern,

I am writing to encourage you to please pass HB 238.

EV parking benefits and HOV lane access played a role in my decision to buy an EV. These benefits will help to promote continued acceptance and growth of EVs in our state.

Extending these benefits would help signal the importance of clean transportation and clean energy to residents and auto manufacturers/dealers.

THANK YOU in advance for your help supporting this important bill. Tesla owners are unlike any other car owners and I am confident that our passion for our vehicles and Tesla's mission for clean transportation will make a big difference in this year's legislature. Please contact me if you have any questions.

Very Truly Yours,

Maris E Kiyuna

808-343-4315

HB-238

Submitted on: 1/27/2019 11:15:57 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
calvin wong	Individual	Support	No

Comments:

I strongly support HB238. If the state wants to achieve their renewable energy goals, one of the small ways that will help is the continuation of these incentives. I purchased an EV in August 2018 and the incentives in HB238 was one of the many reasons why I chose EV over a gas powered car. When you factor in the cost savings of an EV, it is close to the cost of owning a gasoline powered car. Many people are starting to see that and therefore considering an EV for their next vehicle. I have talked to a few friends who were on the fence of purchasing an EV, and when I told them about the incentives, they pulled the trigger.

HB-238

Submitted on: 1/27/2019 11:32:24 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Sanek	Individual	Support	No

Comments:

I support Bill HB238. Extending these benefits will encourage others to purchase an electric vehicle and send a clear message to Hawaii residents, the country, and automakers that Hawaii is committed to clean transportation.

HB-238

Submitted on: 1/27/2019 11:35:48 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Robert Maldonado	Individual	Support	No

Comments:

I support Bill HB238 and am writing to encourage you to pass HB 238. When making my decision to purchase an EV, parking benefits and HOV lane access played an important role in that decision. These benefits will help to promote continued acceptance and growth of EVs and extending these benefits would help signal the importance of clean transportation and clean energy to residents of Hawaii and auto all manufacturers/dealers.

HB-238

Submitted on: 1/27/2019 11:37:49 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steven Dilda	Individual	Support	No

Comments:

I support Bill HB238

HB-238

Submitted on: 1/27/2019 11:50:55 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ivy Sanek	Individual	Support	No

Comments:

I Ivy Sanek support the Bill HB238. One of the main reasons I bought my Tesla model 3 is because I can use the HOV lane in the morning. I commute to Honolulu by myself and by allowing my to use the HOV lane has saved me time. I have also encouraged others that I work with to purchase an Electric vehicle to help save the environment. I believe that if more and more commuters see the benefits of owning an electric vehicle that they will be more willing to purchase one as well.

HB-238

Submitted on: 1/27/2019 12:01:04 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Daryl Fong	Individual	Support	No

Comments:

This bill is needed to support the continued reduction on the importation of expensive and environmentally damaging fossil fuels into Hawaii. Recent lowering of gas prices has made Alternative Fueled Vehicles (AFV) less economically favorable and harder to buy, considering the higher cost of AFVs.

I drive a mid priced 2015 Tesla Model S and appreciate Hawaii's efforts to "Go Green". Following diesel buses and trucks belching toxic fumes, getting stuck in traffic and having to inch along the freeway make me wish everyone could switch now to AFVs. We need to do everything possible to make this happen sooner than later.

HB-238

Submitted on: 1/27/2019 12:28:06 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tony Pisculli	Individual	Support	No

Comments:

I support HB238. Electric vehicles are good for Hawaii, with zero emissions and reduced noise pollution. However, Hawaii residents considering an electric vehicle may be discouraged by the elimination of HOV and parking benefits, especially in conjunction with the phasing out of the federal tax credit on Teslas and other models. Ten years from now, EVs will be well-established and the benefits less necessary. Today, they are.

HB-238

Submitted on: 1/27/2019 12:49:08 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Bernard M Moret	Individual	Support	No

Comments:

Honorable representatives,

My wife, Carol Fryer, and I would like to note our strongest support for HB238.

The entire planet is suffering from the consequences of fossil fuel consumption, whether used for industry, housing (heating and cooling), or transportation. In the United States, transportation represents a very significant fraction of that consumption. The state of Hawaii, in spite of its distance from the largest urban agglomeration and the largest industrial sites, is not immune to these problems.

Hawaii, of course, has no oil sources and must import all of its oil across the oceans. However, Hawaii is blessed with reliable trade winds and exceptional sunlight, two sources of energy that can be turned, with no harmful emissions whatsoever, into electrical energy, as well as nearly unlimited sources of geothermal energy. Kauai has already shown the way to sustainable, non-polluting energy production through solar power and battery storage and the other main islands have plans into place to follow suit.

Because transportation is such a large contributor to pollution in the US, however, we need to convince drivers in Hawaii to switch from internal combustion engines (ICE) to battery-driven electrical motors (BEV). Making the switch today comes at some cost: because BEVs are all relatively new, very few are available through the used car market and many of them (especially the best known, from Tesla) are fairly expensive.

Yet every driver switching from an ICE vehicle to a BEV is a net gain for the state: reduced pollution, reduced oil imports, fewer dead cars to dispose of (BEVs are projected to be exceptionally reliable and long lasting, far beyond ICE vehicles), as well as much less noise and greatly enhanced road safety for both passengers and pedestrians and cyclists (because BEVs come standard with driving aids usually found only on luxury ICE vehicles). Thus providing even modest incentives to switch from ICE vehicles to BEVs will greatly benefit the state. Moreover, state incentives for clean energy are all the more important today as federal incentives for clean energy and for electric transportation are getting reduced or at risk of outright discontinuation.

Submitted with respect,

Bernard Moret and Carol Fryer

HB-238

Submitted on: 1/27/2019 1:00:24 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Melissa Lamerson	Individual	Support	No

Comments:

I am writing to encourage you to pass HB 238 as this has helped my husband and I carpool in the last several months since owning our electric vehicle. When purchasing our vehicle, EV parking benefits and HOV lane access played a role in my decision to buy an EV. I believe that these benefits will help to promote continued acceptance and growth of EVs- in fact, my brother and mother have since purchased EV's since we let them know about the benefits in Hawaii. Extending these benefits through HB238 would help signal the importance of clean transportation and clean energy to residents and auto manufacturers/dealers.

HB-238

Submitted on: 1/27/2019 1:06:57 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Granato	Individual	Support	No

Comments:

I support extended the Electric vehicle benefits.

It's part of reason why I bought my EV.

Hawaii can be a world leader in renewable energy by supporting legislation such as this.

Solar pv power will get is away from oil dependency. Electric vehicles will lead the way!

HB-238

Submitted on: 1/27/2019 1:20:05 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Todd Miller	Individual	Support	No

Comments:

I am writing in support of and encouraging you to pass HB 238. These benefits played a role in my decision to buy an electric vehicle and will help to continue and encourage other to purchase Electric Vehicles. I firmly believe EV are a better solution to helping our environment than gasoline powered automobiles.

Very Respectfully,

Todd Miller

HB-238

Submitted on: 1/27/2019 1:20:35 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Masaki Takai	Individual	Support	No

Comments:

I believe that much work stil remains in trying to advance the electrification of our transportation system here in Hawaii and that ongoing incentives are needed to further the EV cause. By doing so, we can reduce our reliance on fossil fuels, to improve our island security, reduce our footprint, and to assist with anti climate change efforts.

HB-238

Submitted on: 1/27/2019 2:04:08 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Thomas Pang	Individual	Support	No

Comments:

Electric vehicles are an important step in the direction for a cleaner environment, and any and all incentives need to be extended to urge people to make the move towards the future. I stand in support of HB238.

HB-238

Submitted on: 1/27/2019 2:18:54 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Gary Miller	Individual	Support	No

Comments:

I believe extending HB238 shows the commitment to encouraging the use of Electric Vehicles for a cleaner and more sustainable future for Hawaii.

Much Mahalo!

HB-238

Submitted on: 1/27/2019 2:40:12 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Maricor Dela Cruz	Individual	Support	No

Comments:

I am writing to encourage you to pass Bill HB238, as it would be a great way to encourage more individuals to go for cleaner transportations.

HB-238

Submitted on: 1/27/2019 2:53:07 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tyrone	Individual	Support	No

Comments:

I support HB238. By extending these benefits, Hawaii would make EV use more popular at the same time promoting clean energy. As a result Hawaii will be a leader in Going Green

HB-238

Submitted on: 1/27/2019 3:12:42 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Cheryl Nakamura	Individual	Support	No

Comments:

I am writing in support of HB238 as I bought into an EV to promote clean transportation. I believe many potential buyers feel that it would be a nice benefit too.

HB-238

Submitted on: 1/27/2019 3:25:28 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
ellecin	Individual	Support	No

Comments:

I am writing to encourage you to pass HB 238

One of the reasons I purchased an EV are the EV parking benefits and HOV lane access. Benefits such as these help to promote EV purchases and acceptance. Extending these benefits is crucial to the advancement of clean transportation and clean energy to residents and auto manufacturers/dealers

HB-238

Submitted on: 1/27/2019 3:36:22 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
JEFF S WHITE	Individual	Support	No

Comments:

Extending EV benefits to 2030 will encourage others to purchase Electric Vehicles thus helping Hawaii Achieve it's goal of 0% emmissions in the near future.

HB-238

Submitted on: 1/27/2019 4:27:15 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sean Ganeku	Individual	Support	No

Comments:

I support bill HB238 and it would be wrong not to promote alternative energy.

HB-238

Submitted on: 1/27/2019 4:30:27 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ron Reilly	Individual	Support	No

Comments:

Please extend the existing EV benefits. I support electrification of transportation by owning a 2019 Kia Soul EV, and by drawing my electricity from 25 roof top solar panels.

HB-238

Submitted on: 1/27/2019 4:50:35 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Terrence Iwamoto	Individual	Support	No

Comments:

Our family is trying to sustainable by going green but going green with a EV car is expensive compared to a gas vehicle. We can justify the extra cost of owning a EV car by small savings such as free parking at metered stalls as well as airport parking etc. The HOV lane also helps us if we are a single use driver by saving a few minutes driving which relates to the range anxiety if we had to be stuck in traffic since we have a limited range. Please extend the EV car benefits so we can purchase other EV cars for our family to save our environment. Hawaii is supposed to be the leaders in alternate energy in the the USA and eliminating the benefits of having a EV vehicle is taking a step backwards.

HB-238

Submitted on: 1/27/2019 5:09:34 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Clayton	Individual	Support	No

Comments:

Benefits like these and others given to people driving electric vehicles enhance the usability of Hawaii travel and demonstrate the state's commitment to migrating away from fossil fuels and mainland dependence.

As written in this bill, These benefits will help to promote continued acceptance and growth of EVs.

By extending these benefits this bill would help signal the importance of clean transportation and clean energy to residents and auto manufacturers/dealers as well as embracing solar and wind energy production which, I understand, is another important goal for our islands.

Mahalo for this opportunity to express my views on this issue.

HB-238

Submitted on: 1/27/2019 6:09:27 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ronald FitzGerald	Individual	Support	No

Comments:

Dear Sirs;

- I am writing to encourage you to pass HB 238
- EV parking benefits and HOV lane access played a role in my decision to buy an EV
- These benefits will help to promote continued acceptance and growth of EVs
- Extending these benefits would help signal the importance of clean transportation and clean energy to residents and auto manufacturers/dealers.

If we want to reach our goal of energy independence and give our future generations a Clean Hawaii please continue and support the extension of HB 238.

Thank you for your vision and courage to do the right thing for our Hawaii.

Ronald B. FitzGerald CMD

HB-238

Submitted on: 1/27/2019 6:11:12 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Susan Denman	Individual	Support	No

Comments:

This is another incentive for individuals to consider the purchase of an electric vehicle which will in turn help Hawaii on it's way to reach it's environmental protection goals. Please extend these benefits. Thank you.

Dear Chair Lowen and Committee Members,

27 Jan 2019

I respectfully request your support in passing HB238 to extend to 2030 the current electric vehicle benefits such as street parking, state parking lots and HOV lane access. I am grateful for the consideration that has already been afforded those of us that own electric vehicles. I am a full supporter of the state's efforts to reduce the consumption of fossil fuels. I am doing my part through my 10 year ownership and use of solar panels and sixth year of ownership of electric vehicles. With every opportunity, I encourage both other EV drivers and particularly gas/diesel power car owners to consider adaption of electric vehicles for all our benefit.

For those fence-sitters of people consider the purchase of electric vehicles, I believe that the current electric vehicles benefits to date will push those people to strongly consider EV over fossil fuel autos. I talk to other EV owners and often potential new owners. Many times, the potential new EV owners don't know about the EV ownership perks provided by the state. Its great watching them react. It's this type of support from the state that helps many of those people understand that the state is taking a chance to promote another solution to our environmental problems, so they too are willing to take a chance.

Thank you for your support.

VR,
Steve Barnes
Kaneohe, HI

HB-238

Submitted on: 1/27/2019 7:34:00 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Stephanie Hall Morin	Individual	Support	No

Comments:

Aloha,

I have driven an EV for 8 years now. I have enjoyed the parking privileges at the airport and state/county buildings and metered parking. When folks ask me about driving an EV - I always let them know the 'perks' of driving a clean vehicle. It encourages ownership, thereby supporting our states goal of 100% sustainable transportation by 2045. Please keep the incentives to allow us to increase EV adoption.

Mahalo!

HB-238

Submitted on: 1/27/2019 7:57:09 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
anthony	Individual	Support	No

Comments:

Please extend all EV incentives, to meet the clean energy act and goals established by Governor IGE. Living on the island of Oahu, we should be in the forefront in alternative/renewable energy and finding new and better ways to meet and expand the growing markets. Not by hindering it by taking steps backwards.

thank you

HB-238

Submitted on: 1/27/2019 7:57:18 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ian Robertson	Individual	Support	No

Comments:

Chair Lowen and members of the committee. Thank you for the opportunity to submit written testimony in strong support of HB 238.

This bill extends the sunset date for Act 168, Session Laws of Hawaii 2012, authorizing certain incentives and actions by the Department of Transportation regarding electric vehicles (EVs).

As an EV owner, I personally understand the great value of the benefits provided by Act 168. These benefits help offset the cost of purchasing an EV and paying for electrical work to support home charging.

As federal tax benefits are anticipated to begin phasing out in the near future for two manufacturers of the the more affordable EVs, the benefits of Act 168 will continue to help encourage the adoption of EVs in Hawaii.

Thank you for the opportunity to submit written testimony. I respectfully request that you pass this bill from your committee.

HB-238

Submitted on: 1/27/2019 8:28:22 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Robin Uyeshiro	Individual	Support	No

Comments:

If the state plans to reduce the use of internal combustion engine vehicles, then it must encourage the use of electric vehicles. Already the state has eliminated the tax incentive at purchase. Further reduction of incentives will slow down the purchase of electric vehicles and endanger plans to reduce internal combustion engine vehicles.

HB-238

Submitted on: 1/27/2019 8:45:28 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Shayna Lum	Individual	Support	No

Comments:

Chair Lowen and members of the committee:

Thank you for the opportunity to submit written testimony in STRONG support of this bill.

The purpose of this bill is to extend the benefits for electric vehicles, as the incentives are set to expire in 2020.

I am not the primary driver of an electric car, as I have not been able to afford to make such a purchase when my current gas vehicle is still in working condition. I would love to buy an electric vehicle, as I have a long commute to and from work and am concerned about our effects of driving on the environment. However, with the tax credits decreasing this year and my family's other financial obligations, if the additional State incentives expire in 2020, I'm not sure if I will be able to justify such a purchase.

Other states offer similar incentives of free parking, cash rebates, or state tax rebates to promote purchasing electric vehicles. Extending the current incentives or offering other alternative incentives will encourage other car owners like me who are otherwise unable or unwilling to make such a purchase.

Thank you for considering this bill and your never-ending efforts to improve Hawaii for future generations.

HB-238

Submitted on: 1/27/2019 8:52:21 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Orrin Wong	Individual	Support	No

Comments:

I am writing to encourage support and passage of HB238 to extend free municipal parking and HOV lane usage to 2030. These benefits do play a role in people's decision to purchase an EV and with the potential phase out/elimination of the federal tax credit, these benefits will become more important in encouraging individuals to purchase an EV. Further this will show Hawaii's commitment as one of the leaders in clean transportation and clean energy.

Orrin Wong

HB-238

Submitted on: 1/27/2019 9:57:51 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanette Vinton	Individual	Support	No

Comments:

Dear Chair Lowen and Members of the Committee,

I am writing in support of HB 238 to extend EV Owner benefits including HOV lane access and parking benefits to 2030. I have been an electric vehicle owner since 2013 and these benefits played a key role in my decision to purchase an EV over a gas one.

I am proud to be a part of the EV growth over the past few years but EVs still account for only a nominal amount of cars in Hawaii. In order to meet the Clean Transportation goals the State has and provide for a better, cleaner, more sustainable future for our youth, we need to continue to offer these incentives to further promote EV growth.

Thank you for your consideration.

Sincerely,

Nanette Vinton

HB-238

Submitted on: 1/27/2019 11:33:44 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Paula Miller	Individual	Support	No

Comments:

HB-238

Submitted on: 1/28/2019 12:06:34 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Janet Pappas	Individual	Support	No

Comments:

Dear Legislators,

Due to the urgent need for climate action in the next 10 years as explained in the most recent U.S. National Climate Assessment, the incentives for the purchase and operation of electric vehicles (EVs) in Hawaii become even more critical. I strongly support HB238 and the extension of the Hawaii state EV incentives to the year 2030. It is also critical that rooftop and community solar be incentivized so that vehicle charging becomes a non-issue.

From personal experience we can vouch for the ease and economy of owning an EV (since 2011): no oil, no radiator, no gas. We would like to see EVERYONE in an EV by the year 2030. It could happen!

Thank you for your support of HB238 and electric vehicles.

Sincerely,

Jan Pappas

Aiea, Hawaii

HB-238

Submitted on: 1/28/2019 12:09:44 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steven Ryan	Individual	Support	No

Comments:

I have been a Hawaii resident for 30 and a registered electric vehicle owner for 3 years. Hawaii is one of the states leading the transition from our current fossil fuel energy economy to renewable energy. Extending incentives for electric vehicle owners will hasten this transition, which will result in lower energy costs, lower carbon emissions, and a stronger economy for all of us. I have personally been aggressively investing in this future by being an early adapter in converting my home to 100% renewable energy, purchasing an electric car which is charged at home with solar energy, and active promotion in my community. Please help us hasten the clean energy transition by passing this bill.

HB-238

Submitted on: 1/28/2019 1:45:51 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Michelle Matson	Individual	Support	No

Comments:

HB-238

Submitted on: 1/28/2019 5:43:58 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
G Tom	Individual	Support	No

Comments:

Dear Chair Lowen, Vice Chair Wildberger, and Committee Members:

I strongly support HB238. The use of electric vehicles (EV) on our roads is part of our State's clean energy goal and any measures that encourage the adoption and use of EVs should be considered. When I purchased my first EV in 2013, the EV benefits provided by the State were a strong factor in my purchase decision. Extending these benefits will send a strong message that the State of Hawaii is serious about clean energy policies and environmental responsibility.

Thank you for your time and consideration.

HB-238

Submitted on: 1/28/2019 6:34:24 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Fernando L Alvarado	Individual	Support	No

Comments:

I support HB238, but only if it applies to 100% EVs. Promoting EVs in Hawaii is essential to Hawaii attaining energy independence. The direct effect of EVs is reduction in oil consumption, but the indirect effect down the road will be to help utilities balance and manage their load, something that is harder to do with the greater penetration of solar and wind. EVs, when coupled with solar, also have the potential of increasing civil defense security in times of crisis.

HB-238

Submitted on: 1/28/2019 8:27:37 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sallie Buchal	Individual	Support	No

Comments:

HB-238

Submitted on: 1/28/2019 9:09:02 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lance T. Maeda	Individual	Support	No

Comments:

Aloha! I support HB238 as the benefits associated with EV's (i.e. free parking, HOV lane access, etc.) were instrumental in my decision to purchase an EV. EV's play an important part in creating a clean environment as there are no emissions, and fueling by many EV owners such as myself comes from solar. Please help continue encouraging others to purchase EV's by passing HB238 to extend these benefits longer. Mahalo!

HB-238

Submitted on: 1/28/2019 9:59:10 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Radji Tolentino	Individual	Support	No

Comments:

HB-238

Submitted on: 1/28/2019 10:51:12 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen	Individual	Support	No

Comments:

Hawaii faces a crisis with climate overheating and sea level rise fueled by fossil fuel use. Electric vehicles can help reduce Hawaii's destructive dependence on gasoline and diesel. Where electric vehicles are powered from clean renewable sources, they reduce fossil fuel use. Please pass this bill and extend incentives for electric vehicles! Mahalo!

HB-238

Submitted on: 1/28/2019 10:53:45 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
William Lyon	Individual	Support	No

Comments:

- I am writing to encourage you to pass HB 238
- EV parking benefits and HOV lane access played a role in my decision to buy an EV
- These benefits will help to promote continued acceptance and growth of EVs
- Extending these benefits would help signal the importance of clean transportation and clean energy to residents and auto manufacturers/dealers

HB-238

Submitted on: 1/28/2019 3:37:12 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrew Perry	Individual	Support	No

Comments:

Parking incentive programs for electric vehicles represent an important endorsement by the government of the state of Hawaii that these vehicles represent a hugely important step towards our state's move to a renewable energy future. These vehicles are well suited to Hawaii, given that our driving distances tend to be shorter on our small islands, so adding incentives for these vehicles to park free in metered street stalls and in state and municipal garages including airports further encourages the use of alternative energy vehicles. Please continue to support our transformation to a renewable energy future.



Email: communications@ulupono.com

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Tuesday, January 29, 2019 — 8:30 a.m. — Room 325

Ulupono Initiative Strongly Supports HB 238, Relating to Electric Vehicles

Dear Chair Lowen, Vice Chair Wildberger, 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 better management of waste and fresh water. 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 238, which extends free metered parking and high occupancy lane access for electric vehicles to 2030, because it reduces Hawai'i's dependence on imported fossil fuels by increasing the use of more efficient, cleaner forms of transportation.

While Hawai'i's electric power sector continues to make progress toward its 100 percent renewable portfolio standard goal, our transportation sector has received little attention. Ground transportation alone utilizes roughly a third of the state's imported fossil fuels. Electrifying ground transportation is presently one of the most efficient and impactful ways to move transportation toward more renewable energy, thereby reducing the State's consumption of imported oil and also decreasing greenhouse gas emissions.

Electric vehicles (EVs) are both an economically and environmentally prudent choice for vehicular transportation.

- EVs are cheaper to maintain and operate than internal combustion engine vehicles (ICEVs) and comparable in upfront cost
- EVs are about three times as efficient → 17-21% vs. 59-62% efficient (US Dept. of Energy Office of Energy Efficiency & Renewable Energy);
- EVs are zero-emission vehicles at the tailpipe, and even when full lifecycle emissions (from manufacturing through disposal) are considered, EV emissions are about 50% lower than the sales weighted average ICEVs and about 38% less than compact

Investing in a Sustainable Hawai'i

ICEVs

- EVs are more easily powered by renewable energy and can enable the integration of more renewables with smart charging technology and rate structures

EVs are an increasingly affordable option for all. For example, the 2019 Nissan Leaf's starting MSRP is \$29,990. After the Federal tax credit is considered, the purchase price is \$22,490, which is less than the 2019 Toyota Camry as well as the 2019 Honda Civic (the two best selling sedans in the country).

EVs are also cheaper to operate and maintain because they have less moving parts and are more fuel efficient. According to a recent study by the Union of Concerned Scientists, Honolulu drivers could save more than \$500 per year by switching to an EV.

Though Hawai'i has the second highest share of EVs per capita in the country, the EV market in Hawai'i is still very nascent. While year-over-year growth remains very strong (24% in 2018), EVs currently constitute less than 1% share of the total light-duty vehicle sector (vs 45% share in Norway), thus necessitating the extension of benefits. We believe an extension of these benefits to 2030 can help incent further adoption and continue to signal to the global market that Hawai'i seeks to prioritize EVs over traditional gas powered vehicles.

In fact, according to the Hawai'i Natural Energy Institute's "Factors Affecting EV Adoption" report, the State of Hawai'i's EV benefits are a valuable incentive to EV owners and prospective buyers. Hawai'i is actually the only top 10 ranked state (for EV adoption) that does not offer a direct subsidy to incentivize EV usage. Therefore, any risk of losing these benefits could slow our progress towards the clean transportation vision of the State of Hawai'i.

As Hawai'i's energy issues become more complex and challenging, we appreciate this committee's efforts to look at policies that support clean ground transportation.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay
Managing Partner

HB-238

Submitted on: 1/28/2019 6:26:51 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jean Sakamoto	Tesla Club	Support	No

Comments:

HB-238

Submitted on: 1/28/2019 8:05:09 PM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanea Lo	Individual	Support	No

Comments:

To Whom It May Concern:

I am writing in strong support of this bill.

Thank you,

Nanea Lo

HB-238

Submitted on: 1/29/2019 1:35:23 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Randy Gonce	Individual	Support	No

Comments:

Strong Support. This is extremely important if we want to continue to incentivize EV's.

HB-238

Submitted on: 1/29/2019 6:51:34 AM

Testimony for EEP on 1/29/2019 8:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Caroline Kunitake	Individual	Support	No

Comments:

Please support HB238 to extend the sunset date for Act 168, Session Laws of Hawaii 2012 to authorize certain incentives by Dept. of Transportation regarding electric vehicles.

Mahalo,

Caroline Kunitake