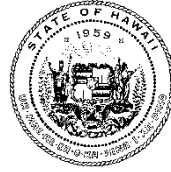


DAVID Y. IGE
GOVERNOR



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..239

RELATING TO FUEL CELL ELECTRIC VEHICLES

Chair Lowen and members of the Committee, thank you for the opportunity to testify on H.B.239

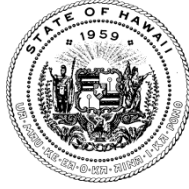
The Department of Accounting and General Services (DAGS) offers comments on H.B. 239 which clarifies the "Fuel Cell Electric Vehicle" definition in Act 168. DAGS agrees with this definition.

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.

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



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. 239
RELATING TO FUEL CELL ELECTRIC VEHICLES

House Committees on Energy and Environmental Protection

The Department of Transportation (DOT) **supports with an amendment** H.B. 239 which amends the definition of electric vehicles to include fuel cell electric vehicles and grant procurement priority for fuel cell electric vehicles for State and County vehicle purchases.

While DOT believes that the incentives of this bill promotes sustainable transportation in meeting Hawaii's energy goals, we request SECTION 2.(b).(2) to be revised to read as follows:

(2) For non-metered parking stalls, for any period longer than the initial four hours of use of the parking stall.

This revision will address parking abuse and create fairness to all users of public parking facilities while still maintaining an incentive. Electric vehicle owners will also have better access to charging stations with the free parking time limit. Moreover, our proposed revision will help to support the costs to operate and maintain electric vehicle charging stations at public parking facilities.

Thank you for the opportunity to provide testimony.



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. 239 – Relating to Fuel Cell 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.

H.B. 239 would adopt in statute a definition of “fuel cell electric vehicle” to encourage early adoption of fuel cell electric vehicles. The Alliance supports this measure and would respectfully request the following amendment to ensure that all fuel cell technology is included in the definition of fuel cell electric vehicle:

"Fuel cell electric vehicle" means a zero-emission electric vehicle that uses a fuel cell to convert hydrogen gas and oxygen into electricity ~~to power one or more onboard electric motors to propel the vehicle that is used in a vehicle powertrain for propulsion.~~

Automobile manufacturers have invested heavily in the research and development of hydrogen technology, and the Alliance is very supportive of efforts to increase the availability of passenger fuel cell electric vehicles in Hawaii.

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

HB-239

Submitted on: 1/28/2019 8:38:27 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
David Rolf	Hawaii Auto Dealers Assoc	Support	Yes

Comments:



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

In support of HB 239

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 enthusiastically supports the intent of **HB239** which exempts fuel cell electric vehicles from payment of parking fees and high occupancy vehicle lane restrictions, and increases the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles. These are important measures to facilitate Hawaii's move towards zero emissions and off of fossil fuels which are destroying our climate.

However, I strongly recommend amending the current statute cited, Section 103D-412, Hawaii Revised Statutes, which currently includes prioritizing alternative fuels that are highly inconsistent with our zero-emission goals. Any listed alternative fuels which would serve to continue our dependency on fossil fuels or that would emit harmful levels of greenhouse gases when considering a life cycle analysis undermines the intent of the statute.

Since the purpose of the procurement policy is for all agencies purchasing or leasing light-duty motor vehicles is to reduce our dependence on petroleum for transportation, referencing alternative fuel vehicles and alternative fuels is inconsistent with this goal and should be removed from the statute. Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Mahalo for the opportunity to testify in **support** of this very important bill with the recommended amendment.

Sherry Pollack
Co-Founder, 350Hawaii.org



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 239

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

Organizing for Action supports HB 239. However, we firmly believe Section 103D-412 of the Hawaii Revised Statutes must be amended so that "Alternative fuel" is not defined to include fuels that, though better than gasoline, can still emit greenhouse gases that greatly harm the climate.

Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Apart from this complaint, a higher priority on purchasing new fuel cell electric vehicles for state and county entities will help us reach our zero-emissions goals.

Free parking and especially access to the zipper lane may be just the extra incentive some consumers need to make the change to a fuel cell vehicle, 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 239 to encourage fuel cell vehicle adoption.

Thank you for the opportunity to testify.

Brodie Lockard
Hawaii State Climate Lead, Organizing for Action



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 239, Relating to Fuel Cell 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 239, which categorizes hydrogen fuel-cell vehicles as electric vehicles and gives zero emission hydrogen vehicles the same benefits as electric vehicles, because it aligns with our goal of reducing Hawai'i's dependence on imported fossil fuels by increasing the use of more efficient, cleaner forms of ground transportation.

Hydrogen fuel-cell vehicles have been recently introduced to Hawai'i and are technically electric vehicles. These vehicles will provide another non-fossil fuel based transportation option for local consumers and similar societal benefits as battery electric vehicles. Providing hydrogen fuel-cell vehicle owners with the same benefits currently received by battery electric vehicles, high occupancy vehicle lane access, and free metered parking will help further their adoption.

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

Investing in a Sustainable Hawai'i



HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

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

Room 325

(Testimony is 1 page long)

TESTIMONY IN SUPPORT OF HB 239

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

Blue Planet Foundation supports House Bill 239, which would amend Act 168, Session Laws of Hawaii 2012, to allow for fuel cell electric vehicles to receive the same benefits and incentives of battery electric vehicles. This bill would exempt fuel cell electric vehicles from payment of parking fees and high occupancy vehicle (HOV) lane restrictions, increase the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles, and allow for fuel cell electric vehicles to be parked in designated electric vehicle parking spaces.

Blue Planet Foundation is a local, mission-driven nonprofit committed to clearing the path for 100% clean energy in Hawai'i both in the electricity sector and the transportation sector. We recognize that to reach Hawai'i's clean transportation goals and do our part in mitigating climate change, we should incentivize all zero-emission vehicles that can be powered by renewable energy—e.g., both fuel cell electric vehicles and battery electric vehicles. These technologies will help us to maximize renewables utilized on the electric grid and minimize petroleum use and emissions from our ground transportation sector.

Like battery electric vehicles, fuel cell electric vehicles are powered by an electric motor. In a fuel cell vehicle, pressurized hydrogen gas is chemically fused with oxygen from the air to make water, which in the process generates an electrical current that can power the electric motor. Just as battery electric vehicles will be increasingly powered by renewables as Hawai'i reaches its 100% renewable portfolio standard by 2045, hydrogen vehicles can also get cleaner alongside them, as more hydrogen is produced by renewable energy resources.

House Bill 239 is important in expanding incentives and benefits for zero-emission vehicles to more comprehensively encompass *all* zero-emission vehicles. Fuel cell electric vehicles have a vital role to play in Hawai'i's clean transportation future, and they should receive the same ancillary benefits that are given to battery electric vehicles to spur adoption.

Thank you for the opportunity to testify.

HB-239

Submitted on: 1/28/2019 3:58:22 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-239

Submitted on: 1/28/2019 11:47:57 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	We Are One, Inc. - www.WeAreOne.cc - WAO	Support	No

Comments:

There is no rational reason to pollute our own environment or destroy ecosystems.

www.WeAreOne.cc

HB-239

Submitted on: 1/27/2019 2:01:20 PM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Boyne	Individual	Support	No

Comments:

Aloha Chair Lowen, Vice Chair Wildberger, and Committee members, I enthusiastically support the intent of **HB239** which exempts fuel cell electric vehicles from payment of parking fees and high occupancy vehicle lane restrictions, and increases the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles. These are important measures to facilitate Hawaii's move towards zero emissions and off of fossil fuels which are destroying our climate.

However, I strongly recommend amending the current statute cited, Section 103D-412, Hawaii Revised Statutes, which currently includes prioritizing alternative fuels that are highly inconsistent with our zero-emission goals. Any listed alternative fuels which would serve to continue our dependency on fossil fuels or that would emit harmful levels of greenhouse gases when considering a life cycle analysis undermines the intent of the statute.

Since the purpose of the procurement policy is for all agencies purchasing or leasing light-duty motor vehicles is to reduce our dependence on petroleum for transportation, referencing alternative fuel vehicles and alternative fuels is inconsistent with this goal and should be removed from the statute. Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Mahalo for the opportunity to testify in **support** of this very important bill with the recommended amendment!

Sincerely,

Jonathan Boyne

96822

HB-239

Submitted on: 1/27/2019 3:15:54 PM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Noel Bobilin	Individual	Support	No

Comments:

Aloha Chair Lowen, Vice Chair Wildberger, and Committee members, I enthusiastically support the intent of **HB239** which exempts fuel cell electric vehicles from payment of parking fees and high occupancy vehicle lane restrictions, and increases the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles. These are important measures to facilitate Hawaii's move towards zero emissions and off of fossil fuels which are destroying our climate.

However, I strongly recommend amending the current statute cited, Section 103D-412, Hawaii Revised Statutes, which currently includes prioritizing alternative fuels that are highly inconsistent with our zero-emission goals. Any listed alternative fuels which would serve to continue our dependency on fossil fuels or that would emit harmful levels of greenhouse gases when considering a life cycle analysis undermines the intent of the statute.

Since the purpose of the procurement policy is for all agencies purchasing or leasing light-duty motor vehicles is to reduce our dependence on petroleum for transportation, referencing alternative fuel vehicles and alternative fuels is inconsistent with this goal and should be removed from the statute. Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Mahalo for the opportunity to testify in **support** of this very important bill with the recommended amendment!

P Noel Bobilin, Volcano Hawaii

HB-239

Submitted on: 1/28/2019 12:19:03 PM

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

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

Comments:

Testimony in SUPPORT of HB239

Relating to Fuel Cell Electric Vehicles

Presented to the House Committee on Energy & Environmental Protection at the public hearing to be held on Tuesday, January 29, 2019 at 8:30 a.m. in Conference Room 325, Hawaii State Capitol

Aloha Chair Lowen, Vice Chair Wildberger, and Members of the Committees:

I would like to testify in support of HB239 that includes fuel cell electric vehicles in the definition of "electric vehicles" for purposes of parking exemptions, HOV lane use, registration, and required parking spaces in places of public accommodation.

I believe that the passage of this bill continues to demonstrate Hawaii's commitment to moving towards a more sustainable state. By including hydrogen fuel cell vehicles it will assist in the adoption of more cleaner transportation vehicles on the road to achieve the states longer term goals of becoming fossil fuel free and will have no impact to taxpayers.

Thank you for the opportunity to submit written testimony on this matter.

HB-239

Submitted on: 1/28/2019 12:58:10 PM

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

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

Comments:

Testimony in SUPPORT of

HB239

Relating to Fuel Cell Electric Vehicles

Presented to the House Committee on Energy & Environmental Protection

at the public hearing to be held on Tuesday, January 29, 2019 at 8:30 a.m.
in Conference Room 325, Hawaii State Capitol

Aloha Chair Lowen, Vice Chair Wildberger, and Members of the Committees:

I would like to testify in support of HB239 that includes fuel cell electric vehicles in the definition of "electric vehicles" for purposes of parking exemptions, HOV lane use, registration, and required parking spaces in places of public accommodation.

As the state of Hawaii continues its journey to our clean energy goals we should support it 100%. There is really no good reason to not support Fuel Cell vehicles (FCVs) the same way we support EVs. The technical components are slightly different, but the main motive force for a FCV is electricity just like and EV. This is why it should have the same benefits of an EV.

I have always been a supporter of any technology that will help us achieve our clean energy goals. Hydrogen has always been a great source of energy, but infrastructure is not ready for mass adoption. Support of the use of FCVs in Hawaii will allow a steady ramp up of the infrastructure and allow more education on the technology and hopefully more and more applications of Hydrogen. In turn reducing greenhouse emissions and achieving our clean energy goals. The original Fuel Cell was galled a "Gas Battery" because it could store energy in gas form. This allows Hydrogen to have major potential in other areas too. Excess energy from wind/solar farms could be stored in the form of

Hydrogen. It can then be stored, transported (inter island), turned back into electricity in vehicles and homes. This will also help to balance the grid power when excess wind or solar energy is present.

This why I am so fascinated by the potential applications of Hydrogen especially in vehicles. I hope that you can see the shift in energies that are available to be locally sourced here in Hawaii. Vehicles are just the beginning of where Hydrogen could benefit Hawaii. Hydrogen is much more than an alternative fuel for vehicles, but your support will set the tone for reaching our clean energy goals. Hawaii should be much more than just beautiful beaches and the best weather on the planet. We should support keeping it that way too.

Thank you for the opportunity to submit written testimony on this matter.

**Testimony in SUPPORT of
HB239
Relating to Fuel Cell Electric Vehicles**

Presented to the House Committee on Energy & Environmental Protection
at the public hearing to be held on Tuesday, January 29, 2019 at 8:30 a.m.
in Conference Room 325, Hawaii State Capitol

Aloha Chair Lowen, Vice Chair Wildberger, and Members of the Committees:

I would like to testify in strong support of HB239, a bill which would include fuel cell electric vehicles in the definition of "electric vehicles" for purposes of various incentives, including parking exemptions, HOV lane use, registration benefits, and required parking spaces in places of public accommodation.

Currently, due to technical definitions, fuel cell vehicles do not qualify as an electric vehicle under the current Hawaii Revised Statute. Because of this, vehicles like the Toyota Mirai do not qualify for incentives like HOV lane use and free airport parking even though they provide the same benefit to the environment as other electric vehicles. This bill seeks to change this by including fuel cell vehicles into the definition of electric vehicles.

Producing hydrogen from water using a renewable source of electricity like solar helps Hawaii become more self-reliant and reduces our dependency on imported oil.

By including hydrogen fuel cell vehicles into the definition electric vehicles, the State of Hawaii can incentivize another clean transportation option with virtually no impact to taxpayers.

The passage of this measure demonstrates Hawaii's commitment to utilizing all clean transportation technology available to it to reach its clean energy goals.

Thank you for the opportunity to submit written testimony on this matter.

Sincerely,


Alan Lundgren



SERVCO PACIFIC INC.
2850 PUKOLOA ST. STE. 300
HONOLULU, HI 96819 USA

O. 808.564.1300
F. 808.564.1393

SERVCO.COM

Representative Nicole E. Lowen, Chair
Representative Tina Wildberger, Vice Chair
House Committee on Energy & Environmental Protection

RE: **HB 239 – Relating to Fuel Cell Electric Vehicles- In Support**
Tuesday, January 29, 2019; 8:30 AM; Conference room 325

Aloha Chair Lowen, Vice Chair Wildberger and Members of the Committee,

Servco Pacific Inc. (“Servco”) appreciates this opportunity to submit testimony in **strong support** of HB 239, which expands the definition of electric vehicle to include a fuel cell electric vehicle and allows for fuel cell electric vehicles to be parked in designated electric vehicle parking spaces, among other things.

Servco introduced the Toyota Mirai fuel cell vehicle in 2016, making Hawaii the 2nd state in the U.S. to receive this zero emission vehicle. In 2018, Servco completed construction of the State’s first publicly accessible hydrogen fueling station. The station was funded solely by Servco. Producing hydrogen from water using a renewable source of electricity helps Hawaii become more self-reliant and reduces our dependency on imported oil.

By expanding the definition of an electric vehicle to include fuel cell electric vehicles, ensures Hawaii’s commitment to a diversified partnership between fuel cells, hybrids, and all-battery electric vehicles to drastically improve transportation efficiency and reduce carbon emissions in our State.

We respectfully request your support of HB 239. The passage of this measure will demonstrate Hawaii’s commitment to utilizing all clean transportation technology available to it to reach its clean energy goals. Thank you.

LATE

HB-239

Submitted on: 1/28/2019 7:59:52 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:

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

I enthusiastically support the intent of **HB239** which exempts fuel cell electric vehicles from payment of parking fees and high occupancy vehicle lane restrictions, and increases the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles. These are important measures to facilitate Hawaii's move towards zero emissions and off of fossil fuels which are destroying our climate.

However, I strongly recommend amending the current statute cited, Section 103D-412, Hawaii Revised Statutes, which currently includes prioritizing alternative fuels that are highly inconsistent with our zero-emission goals. Any listed alternative fuels which would serve to continue our dependency on fossil fuels or that would emit harmful levels of greenhouse gases when considering a life cycle analysis undermines the intent of the statute.

Since the purpose of the procurement policy is for all agencies purchasing or leasing light-duty motor vehicles is to reduce our dependence on petroleum for transportation, referencing alternative fuel vehicles and alternative fuels is inconsistent with this goal and should be removed from the statute. Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Mahalo for the opportunity to testify in **support** of this very important bill with the recommended amendment!

LATE

HB-239

Submitted on: 1/28/2019 10:41:37 PM

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

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

Comments:

Testimony in SUPPORT of

HB239

Relating to Fuel Cell Electric Vehicles

Presented to the House Committee on Energy & Environmental Protection at the public hearing to be held on Tuesday, January 29, 2019 at 8:30 a.m. in Conference Room 325, Hawaii State Capitol.

Aloha Chair Lowen, Vice Chair Wildberger, and Members of the Committees:

I would like to testify in support of HB239 that includes fuel cell electric vehicles in the definition of "electric vehicles" for purposes of parking exemptions, HOV lane use, registration, and required parking spaces in places of public accommodation.

Hydrogen fuel cell technology is the future and can be completely clean energy. Producing hydrogen from pure water using solar energy, and then using that hydrogen to fuel vehicles, which then only emits water, demonstrates how forward thinking our State is and brings us one step closer to energy independence.

By including hydrogen fuel cell vehicles in the definition of electric vehicles, the State of Hawaii can continue to incentivize clean transportation with no impact on taxpayers.

Thank you and Aloha,

Peter Fukunaga

HB-239

Submitted on: 1/29/2019 1:35:42 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

LATE

LATE

HB-239

Submitted on: 1/29/2019 6:43:09 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:

Aloha Chair Lowen, Vice Chair Wildberger, and Committee members,
I enthusiastically support the intent of **HB239** which exempts fuel cell electric vehicles from payment of parking fees and high occupancy vehicle lane restrictions, and increases the priority to be placed on fuel cell electric vehicles for state and county entities purchasing new vehicles. These are important measures to facilitate Hawaii's move towards zero emissions and off of fossil fuels which are destroying our climate.

Since the purpose of the procurement policy is for all agencies purchasing or leasing light-duty motor vehicles is to reduce our dependence on petroleum for transportation, referencing alternative fuel vehicles and alternative fuels is inconsistent with this goal and should be removed from the statute. Specifically, "natural gas, liquefied petroleum gas," and "biodiesel, mixtures containing twenty per cent or more by volume of biodiesel with diesel or other fuels, other fuels derived from biological materials" should be removed from the definition of "Alternative fuel."

Mahalo for the opportunity to testify in **support** of this very important bill with the recommended amendment!

Mahalo,

Caroline Kunitake

LATE

HB-239

Submitted on: 1/29/2019 9:19:27 AM

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

Submitted By	Organization	Testifier Position	Present at Hearing
Anne Lopez	Individual	Support	Yes

Comments:

This bill is very important. Because hydrogen fuel cell vehicles are in their very early use by consumers, it is the type of benefits in this bill that encourages consumers to buy these vehicles. Unless a critical mass of consumer use is reached, the likelihood of further growth of zero emissions vehicles may be limited. Please pass this bill without any amendments. Thank you for the opportunity to testify. Anne Lopez