

# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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DAVID Y. IGE  
GOVERNOR

SCOTT J. GLENN  
CHIEF ENERGY OFFICER

(808) 587-3807

## Testimony of **SCOTT J. GLENN, Chief Energy Officer**

before the  
**SENATE COMMITTEE ON TRANSPORTATION**  
Monday, March 9, 2020  
1:15 PM  
State Capitol, Conference Room 225

### In SUPPORT of **HB 2722, HD1** **RELATING TO ELECTRIC VEHICLES.**

Chair Inouye, Vice Chair Harimoto, and Members of the Committee, the Hawaii State Energy Office (HSEO) supports HB 2722, HD1, which authorizes each county to adopt ordinances to enforce section 291-71, Hawaii Revised Statutes, including through the establishment of penalties for failure to comply with its requirements or make reasonable efforts to maintain electric vehicle charging stations in working order and clarifies that certain enforcement officers may enter private property to enforce electric vehicle parking space violations.

Electrification of ground transportation, in coordination with the one hundred percent renewable portfolio standard in the electric sector, will provide a material contribution to the decarbonization of Hawaii's economy. The availability of and access to electric vehicle (EV) charging infrastructure is a critical catalyst to the further adoption of EVs. Having EV charging infrastructure available in parking lots throughout the state supports a critical backbone of EV charging infrastructure and creates consumer confidence when purchasing an EV. HSEO supports efforts to ensure access to public and private charging infrastructure for its intended use, and our comments are focused on supporting the owners and operators of these EV vehicle parking stalls and charging stations.

The maintenance of EV charging stations varies from location to location and at times is the responsibility of the charging station manufacturer, property owners, or a third-party service provider. The HSEO recognizes that having working EV charging stations is a key component to reducing drivers' range anxiety and promoting greater adoption of EVs. Our office continues to work in support of projects and initiatives that focus on the installation, operation, and maintenance of new EV charging stations statewide, and we look to support and advise

government-owned charging station owners and operators with upgrades to newer, networked systems.

As with other parking violations on public property, State and County public safety/law enforcement officers can issue warnings or citations for EV parking stall violations. However, in privately owned parking areas (shopping centers, residential parking structures/lots) parking enforcement is handled by private security, private parking enforcement officers, and/or property management officers. Parking enforcement in private parking areas can range from issuing warnings to towing vehicles. The bill specifically notes “A law enforcement officer may access the property of a private entity to enforce the provision”. The actual 'enforcement entity' may differ depending on both the definition of “private” and the location of the EV parking stalls.

The HSEO defers to each county and law enforcement agencies on the impacts and ability to perform the requirements of this bill.

Thank you for the opportunity to testify on this bill.



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

SENATE COMMITTEE ON TRANSPORTATION  
Monday, March 9, 2020 — 1:15 p.m. — Room 225

**Ulupono Initiative supports HB 2722 HD 1, Relating to Electric Vehicles.**

Dear Chair Inouye and Members of the Committee:

My name is Amy Hennessey, and I am the Senior Vice President of Communications & External Affairs at Ulupono Initiative. We are a Hawai'i-based impact investment firm that strives to improve our community's quality of life by creating more locally produced food; increasing affordable clean renewable energy and transportation options; and better managing waste and fresh water resources.

**Ulupono supports HB 2722 HD 1**, which authorizes each county to adopt ordinances to enforce section 291-71, HRS, including through the establishment of penalties for failure to comply with its requirements or make reasonable efforts to maintain electric vehicle charging stations in working order.

Ulupono supports the enforcement of the EV parking stall standards as stated in Section 291-72, Hawai'i Revised Statutes. EV parking and infrastructure are critical to supporting the State's clean energy and transportation goals. Clarifying the authority to enforce this law will undoubtedly provide much needed compliance.

Thank you for this opportunity to testify.

Respectfully,

Amy Hennessey, APR  
Senior Vice President, Communications & External Affairs

*Investing in a Sustainable Hawai'i*

## Hawaii Electric Vehicle Association

PO BOX 6310

Hilo, HI 96720

hawaiidriveelectric@gmail.com

March 8, 2020

Dear Chair Inouye, Vice Chair Harimoto, and members:

On behalf of the Hawaii Electric Vehicle Association, I'd like to offer **STRONG SUPPORT** of **HB2722 HD1**.

HB2722 HD1 will enable enforcement of electric vehicle (EV) parking standards that were established with 291-71, HRS. These standards called for the provision of EV charging stalls and charging stations. HB2722 HD1 seeks to better operationalize these rules by enforcing the standards, securing access to the EV parking stalls and operational charging stations.

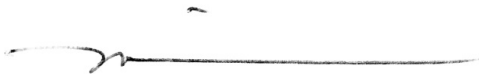
As it stands, EV parking and the associated EV charger access is inadequate to support the state's growing EV fleet. Non-compliance with EV parking stall rules, e.g., non-EVs (or EVs that are not plugged in) parked in EV parking stalls, exacerbate the problem of poor infrastructure. This is especially problematic for owners of low range EVs and those who live in apartments and condos (those without access to home charging).

Additionally, while 291-71 resulted in the installation of charging stations in order to meet requirements, some of the stations have not been maintained appropriately; some have been broken for a long while. (On Hawaii Island, stations at two big-box stores have been inoperable for up to 4 years!)

Enforcement of an existing standard will help Hawaii support its growing fleet of EVs and encourage further adoption of clean, efficient, and cost-effective transportation.

Thank you for the opportunity to provide testimony on **HB2722 HD1**.

Sincerely,



Noel Morin  
President  
Hawaii Electric Vehicle Association

*The Hawaii Electric Vehicle Association is a chapter of the Electric Auto Association ([electricauto.org](http://electricauto.org)), a national organization dedicated to increasing adoption of electric vehicles. The Hawaii Electric Vehicle Association represents electric vehicle owners and advocates across the state.*

**LATE**



TESTIMONY OF TINA YAMAKI  
PRESIDENT  
RETAIL MERCHANTS OF HAWAII  
March 9, 2020

Re: HB 2722 HD 1 RELATNG TO ELECTRIC VEHICLES

Good afternoon Chairperson Inouye and members of the Senate Committee on Transportation. 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 committed to supporting 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.

The Retail Merchants of Hawaii is opposed to HB 2722 HD 1 Relating to Electric Vehicles. This measure authorizes each county to adopt ordinances to enforce section 291-71, Hawaii Revised Statutes, including through the establishment of penalties for failure to comply with its requirements or make reasonable efforts to maintain electric vehicle charging stations in working order; clarifies that certain enforcement officers may enter private property to enforce electric vehicle parking space violations; and takes effect on 7/1/2050.

Many of our members have found EV drivers in the surrounding neighborhood and condominiums come to plug into the retailers charging stations to avoid increasing their electric bill at home or because their complex does not have the ability to charge the EV. Furthermore, these residents leave their cars charging AND are not shopping in the stores while their batteries are being recharged. Thus, these residents are taking away the EV stall from customers coming to shop. We have also found that many of the EV chargers are deliberately broken and vandalized by those can't charge because the stall is in use by someone else.

Shopping Centers and retailers often try to maintain the customers' expectations and needs. However, for some the constant repair of the vandalized and damaged EV chargers adds up into the tens of thousands of dollars. Some of the EV chargers are not owned by the retailer or shopping center but a third party who is responsible for the maintenance.

**We question if enforcement officers are really going to determine if parking lots are complying when the larger problem that is facing retailers and the community is theft, homelessness and safety issues. Are they going to physically count all the stalls to determine if the lot is complying? Who is these volunteer enforcement officers and who is going to be liable for them in the private parking lots? Why are the enforcement officers not concentrating on catching those who are deliberately breaking the EV chargers or who are not customers of the center or who have overstayed in the stall?**

We ask you to hold this measure

Mahalo for this opportunity to testify.

**HB-2722-HD-1**

Submitted on: 3/7/2020 11:46:58 AM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Roy Skaggs	Individual	Support	No

Comments:

I support HB2722 as an EV driver who has been unable to park in EV stalls before.

**HB-2722-HD-1**

Submitted on: 3/7/2020 12:06:02 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ronald FitzGerald	Individual	Support	No

Comments:

Please support this bill so we can increase the ownership and use of EV cars and trucks.

**HB-2722-HD-1**

Submitted on: 3/7/2020 1:21:54 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Debbie McMenemy	Individual	Support	No

Comments:

Please support this bill which will allow EV parking only to be enforced. Any incentive that has people buying EV's helps us reach our 100% sustainability goals. Having EV charging and parking is critical to this process, and enforcement is needed.



**HB-2722-HD-1**

Submitted on: 3/7/2020 2:59:38 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Fernando L Alvarado	Individual	Support	No

Comments:

I drive an EV. I think it is important to enforce designated EV designated parking spots, in particular those that have chargers, but all spots need to be enforced. That said, I think it is time for the legislature to remove EV designation from vehicles that are not 100% electric (such as plug-in hybrids). Just my opinion.

**HB-2722-HD-1**

Submitted on: 3/7/2020 3:11:51 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dean Shimabukuro	Individual	Support	No

Comments:

I am strongly in favor of this measure because as an owner/driver of an electric vehicle it is very frustrating to come upon a designated EV stall that has been taken by a non-EV vehicle, especially one that is intended for the use of recharging a vehicle like mine.

Please pass this bill and assist the effort of new owners and those who may be considering an EV as an alternative in the near future.

Thank you

**HB-2722-HD-1**

Submitted on: 3/7/2020 8:08:03 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kenneth Eisner	Individual	Support	No

Comments:

This would hopefully help at the Daniel K Inouye airport with gasoline-powered cars parking in EV only parking stalls.

**HB-2722-HD-1**

Submitted on: 3/7/2020 9:44:47 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Larry Saltzman	Individual	Support	No

Comments:

I'm in support of this bill has an electric car owner is quite important an event a person needs to charge their car that they have access to a location that they can do so. These sites should be treated the same as handicapped spaces and people who do not have electric cars should not be allowed to park in them. And if they do they should be fined the same as if they were parking illegally in a handicapped spot.

**HB-2722-HD-1**

Submitted on: 3/8/2020 5:57:04 AM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Michelle Matson	Individual	Support	No

Comments:

**HB-2722-HD-1**

Submitted on: 3/8/2020 6:48:18 AM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Ron Reilly	Individual	Support	No

Comments:

Dera Committee Members,

I am in full support of this measure. In Hilo I have often been unable to find a open charging station for example at the TARGET store at one of their several EV charging stalls.

It is unfortunate to find gas vehicles parked in these stalls in open defiance of the clear signage. This situation should be enforceable by police ticketing. It should not be a store responsibility to monitor this irresponsible behaviour.

After education has failed, as in this case, enforcement becomes necessary.

Thank you for your support,

Ron Reilly, Volcano Village

**HB-2722-HD-1**

Submitted on: 3/8/2020 8:00:56 AM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
G Tom	Individual	Support	No

Comments:

I am an individual EV owner/driver and I constantly see non-EV vehicles parked in spaces designated or reserved for EV vehicles. If the state of Hawaii wants to get serious about clean energy, then existing laws, rules and regulations should be enforced!

**HB-2722-HD-1**

Submitted on: 3/8/2020 12:42:29 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Tamlyn Hunt	Individual	Support	No

Comments:

I'd like to offer STRONG SUPPORT of HB2722 HD1.

HB2722 HD1 will enable enforcement of electric vehicle (EV) parking standards that were

established with 291-71, HRS. These standards called for the provision of EV charging stalls and

charging stations. HB2722 HD1 seeks to better operationalize these rules by enforcing the

standards, securing access to the EV parking stalls and operational charging stations.

As it stands, EV parking and the associated EV charger access is inadequate to support the

state's growing EV fleet. Non-compliance with EV parking stall rules, e.g., non-EVs (or EVs that

are not plugged in) parked in EV parking stalls, exacerbate the problem of poor infrastructure.

This is especially problematic for owners of low range EVs and those who live in apartments and

condos (those without access to home charging).

Additionally, while 291-71 resulted in the installation of charging stations in order to meet

requirements, some of the stations have not been maintained appropriately; some have been

broken for a long while. (On Hawaii Island, stations at two big-box stores have been inoperable



for up to 4 years!)

Enforcement of an existing standard will help Hawaii support its growing fleet of EVs and

encourage further adoption of clean, efficient, and cost-effective transportation.

Thank you for the opportunity to provide testimony on HB2722 HD1.

**HB-2722-HD-1**

Submitted on: 3/8/2020 12:51:50 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Keith Neal	Individual	Support	No

Comments:

Dear Chair Inouye, Vice Chair Harimoto, and members:

I urge **STRONG SUPPORT** of **HB2722 HD1**.

HB2722 HD1 will enable enforcement of laws governing electric vehicle (EV) and parking stall standards.

291-71, HRS established EV charging stalls and charging stations. HB2722 HD1 provides needed rules for enforcement of standards, securing access to the EV parking stalls, and functional operation of charging stations.

The state's EV fleet is continuing to grow. However, EV parking and EV charger access is increasingly inadequate. This condition is counter to the stated 100% renewable goals for Hawaii.

While 291-71 provided for the installation of charging stations, many of these stations have not been maintained adequately. Some charging stations have been nonfunctional for a long time, some for years!

Enforcement of an existing standards will help Hawaii support its growing fleet of EVs and encourage further adoption of clean, efficient, and low impact transportation.

Sincerely,

Keith Neal

**HB-2722-HD-1**

Submitted on: 3/8/2020 1:12:02 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Nanette Vinton	Individual	Support	No

Comments:

Aloha Honorable Chair Inouye, Vice Chair Harimoto, and committee members,

I am writing in support of HB2722 which allows counties to enforce EV parking violations.

As a long time EV owner, it disappoints me when a gas-powered vehicle ignores the law and parks in an EV only stall. Just as with handicap stalls or other restricted use stalls, residents should oblige and obey the law. Enforcement of these violations has been minimal, if any, and I am happy that this bill is moving forward to address this issue.

Enforcement of this law is even more pressing as the number of EVs in the State is growing and there are more owners seeking charging opportunities. Especially as charger infrastructure has failed to grow at the same rate.

Thank you for your consideration.

Respectfully submitted,

Nanette Vinton

Mililani, HI

**HB-2722-HD-1**

Submitted on: 3/8/2020 1:14:14 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Henri Etta Schmitz	Individual	Support	No

Comments:

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 1:43:58 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Douglas Perrine	Individual	Support	No

Comments:

The standards established in 291-71 HRS are ineffective and widely ignored. Passing HB2722 will help enable those standards to be achieved and assist Hawaii's transition to a clean energy and energy-secure future.

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 1:49:51 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lorn	Individual	Support	No

Comments:

Aloha,

I appreciate the very adoption of (supposedly) mandatory charging stations because I have been driving electric cars since 2006. Now its time to take action to put some teeth into what will be an important infrastructure for our states goals... your support is greatly appreciated...

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 2:40:45 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Peter Sternlicht	Individual	Support	No

Comments:

March 8, 2020

Dear Chair Inouye, Vice Chair Harimoto, and members:

I'd like to offer STRONG SUPPORT of HB2722 HD1.

As an EV owner i find it difficult to reliably find working charging stations on Hawaii Island. Many only have Level 3 (Fast) charging. More level 2 chargers are needed to make electrification of transportation acceptable to the public, a necessary component to achieving 100 RFS by 2045. Thank

you,

ter Sternlicht, Pepeekeo, HI 96783

Pe

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 3:39:21 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Phil Barnes	Individual	Support	No

Comments:

The state was well ahead of the curve when legislation was passed over a decade ago mandating the creating of charging stations in all new parking lots. Unfortunately the law has never been enforced. There is a rapidly expanding number of electric vehicles in the state including my Chevy Bolt. We need more charging stations and real enforcement of parking regulations in the few existing stations. Thank you for your consideration.



**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 4:14:36 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Martin Kay	Individual	Support	No

Comments:

Please enable the counties to prevent drivers of regular cars from sabotaging EV charging parking places

# TESTIMONY In SUPPORT of HB 2722, HD 1 RELATING TO ELECTRIC VEHICLES

March 9, 2020

Dear Committee Members,

**LATE**

I am writing in support of HB2722 HD1.

I own and drive an EV, and have frequently experienced the frustration of getting “ICEd,” unable to access a charger because it’s blocked by an Internal Combustion Engine vehicle. Currently there is no consequence for drivers of non-EVs who take EV spots.



HB2722 HD1 will allow access to the EV parking stalls and charging stations. Enforcement of our existing standard will help Hawaii support its growing fleet of EVs and encourage Hawaii residents to use electric vehicles.

Thank you for your consideration.

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 8:37:58 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Renata Walczuk	Individual	Support	No

Comments:

I am an electric car owner and I see often a violation of EV parking spot by gas driving cars.

**LATE**

**HB-2722-HD-1**

Submitted on: 3/8/2020 11:32:10 PM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Andrew Richard Kass	Individual	Support	No

Comments:

Aloha Committee members,

I am writing in strong support of HB2722. Since 2014 I have been driving an electric car on Kauai, and usually only half of our public chargers on Kauai are in working order.

While §291-71 resulted in the installation of charging stations, some of the charging stations have been "installed" and not turned on - in one case for almost 2 years. Several others have been in disrepair for months or years. People who live in condos, or rent had to sell their EVs again, because the public charging situations is impossible for them.

Another big problem is that the charging stations are often blocked - mostly by gas cars, but sometimes by EVs that are not plugged in. Once I sat next to a charging station for over an hour because it was blocked by a gas pickup truck, and I did not have enough charge to get home.

HB2722 HD1 would allow the counties to address both problems.

Enforcement of the existing laws is necessary to encourage further adoption of clean, efficient, and cost-effective transportation and to reach our sustainable transportation goals.

Mahalo

Andy Kass  
302 Makani Rd,  
Kapaa, HI 96746

808-822-1794

Hawaii resident since 2003, EV driver since 2014



**LATE**

**HB-2722-HD-1**

Submitted on: 3/9/2020 11:53:45 AM

Testimony for TRS on 3/9/2020 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
debra allen	Individual	Support	No

Comments:

Yes, I have often witnessed non EV vehicles parked in designated EV spots