



# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

DAVID Y. IGE  
GOVERNOR

SCOTT J. GLENN  
CHIEF ENERGY OFFICER

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

before the  
**HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION**

Thursday, March 17, 2022  
9:00 AM  
State Capitol, Conference Room 325 & Videoconference

**SUPPORT  
SB 2196 SD2  
RELATING TO ELECTRIC VEHICLE CHARGING STATIONS.**

Chair Lowen, Vice Chair Marten, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports SB 2196, SD2, which requires cooperative housing corporations, homeowners associations, planned community associations, and condominium associations to develop plans to incorporate zero-emissions fueling stations, including electric vehicle charging stations, onto any of its residential properties that are constructed after January 1, 2023.

To achieve a decarbonized economy, it is necessary for Hawai'i's vehicles to be less reliant on fossil fuels. Developing plans to integrate zero-emission fueling options, including electric vehicle charging stations into new residential parking areas, ensures that our new communities are prepared for and able to support the state's clean energy transformation.

The requirements of SB 2196, SD2 are consistent with existing requirements, such as those in [Chapter 32. Building Energy Conservation Code](#) of the City and County of Honolulu, which includes a subsection entitled, "[C406.8 Electric vehicle infrastructure](#)," requiring parking stalls for newly-constructed residential and multi-unit and commercial buildings to comply with an electric vehicle readiness compliance pathway.

The same code also includes subsection “[R404.3, Electric Vehicle Readiness](#),” requiring that when a building permit application involves the installation of a residential electrical panel and parking area, a dedicated receptacle for an electric vehicle must be provided with a minimum AC Level 2 charge in each enclosed attached garage.

HSEO’s support is guided by its mission to promote energy efficiency, renewable energy and clean transportation to help achieve a resilient, clean energy, decarbonized economy.

Thank you for the opportunity to testify.

**SB-2196-SD-2**

Submitted on: 3/14/2022 5:22:45 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Richard Emery	Associa	Comments	Written Testimony Only

Comments:

We support ther position of CAI.

**SB-2196-SD-2**

Submitted on: 3/14/2022 8:53:44 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
laurel brier	Kauai women's caucus	Support	Written Testimony Only

Comments:

If we are going to decarbonize our transportation and go to electric vehicles everyone needs access to charging stations. This Bill is a step in the right direction. Imua

**SB-2196-SD-2**

Submitted on: 3/14/2022 11:54:12 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Ted Bohlen	Climate Protectors Hawaii	Support	Written Testimony Only

Comments:

Multi-family housing needs charging infrastructure to be installed in order to serve electric vehicle. Without that infrastructure, the transition Hawaii needs to electric vehicles will be delayed.

Please pass this bill!

Mahalo!

Climate Protectors Hawaii (by Ted Bohlen)

**SB-2196-SD-2**

Submitted on: 3/15/2022 7:46:00 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Rob Weltman	Maui Nui EV Association	Support	Written Testimony Only

Comments:

Single family home owners can often install an EV charger in their garage while the many people living in multi-family dwellings cannot, but rather are dependent on the owner or management associations of their homes. Those associations must take the steps required to allow their residents to charge at home, starting by planning the deployment of charging infrastructure.



P.O. Box 976  
Honolulu, Hawaii 96808

March 15, 2022

Chair Nicole E. Lowen  
Vice Chair Lisa Marten  
Committee on Energy & Environmental Protection  
415 South Beretania Street  
Honolulu, Hawaii 96813

Re: SB 2196 SD2 SUPPORT INTENT

Dear Chair Lowen, Vice-Chair Marten and Committee Members:

The Community Associations Institute ("CAI") supports the intent of SB 2196 SD2. CAI also supports the broader 100% renewable energy goal in and for the State of Hawaii.

SB 2196 SD2 provides that certain entities "shall have plans to incorporate zero-emission fueling stations, including electric vehicle charging stations, onto any of its residential properties that are constructed after January 1, 2023." Several amendments should be considered.

First, the bill should be amended to only reference "electric vehicle charging stations". This is because it is the only presently tangible technology that covered entities can plausibly consider. Covered entities cannot reasonably be expected to even know what the phrase zero-emission fueling stations encompasses.

Second, the bill should only apply to projects that are initially developed after January 1, 2023. Application to existing projects with respect to "any of its residential properties that are constructed after January 1, 2023" is impossibly vague.

If the Committee intends for maintenance, repair and/or replacement activities to trigger compliance obligations then that would endanger safety. Needed work will be deferred.

Consumers who own property within the covered entities pay the bills. If a dollar must be spent, the owners pay the dollar. If \$100,000 or \$1,000,000 must be spent, then the owners/consumers must pay the entire amount to be spent.

Some owners are on fixed budgets. In all events, it is hard enough to impose special assessments on owners for critical life safety matters. The risk of pushing owners out of housing by the creation of an unfunded mandate, or of placing them under serious financial pressure, is real. A mandate of this sort should be subsidized by taxpayers generally if it is of sufficient importance.

SB 2196, originally, at least provided time for compliance. SB 2196 SD2 leaves no time for budgeting for compliance. All covered entities will need time to budget.

The original January 1, 2030 compliance date should be restored if the mandate is to apply to existing projects. The January 1, 2023 date could still apply to projects that are initially developed on or after that date.

Third, the vague and ambiguous proviso that the entity "has sufficient and adequate common area<sup>1</sup> infrastructure and boundaries" is apparently intended to address concerns identified by the Working Group<sup>2</sup> about inherent limitations found at some projects. That proviso should, at minimum, be amended to add the words "**as reasonably determined by the board of directors.**" Directors are fiduciaries and are obliged to follow the law.

Fourth, the bill provides no guidance on how many "charger ready stalls" are required. Moreover, parking stalls are typically either owned by, or subject to exclusive use by, unit owners. Covered entities may have few or no parking spaces within their ownership or control. The bill takes no account of such basic facts.<sup>3</sup> The bill should be amended to provide that the obligation of covered entities only applies to parking stalls that are under common ownership and within the exclusive control of the board.

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<sup>1</sup> As to condominiums, the reference should be to common "elements".

<sup>2</sup>See, <https://energy.hawaii.gov/wp-content/uploads/2013/07/Act-164-EV-Working-Group-Report-FINAL.pdf>

<sup>3</sup> The Committee should determine whether the accessibility requirements of the Fair Housing Act would be triggered by the mandate. No opinion is offered here due to time restraints. Something as simple as restriping parking stalls can, however, trigger such obligations. See, <https://www.ada.gov/restripe.pdf>.



Chair Nicole E. Lowen  
Vice Chair Lisa Marten  
March 15, 2022  
Page 3 of 3

Language providing a formula (like that there shall be at least one charging station per 50 stalls) should also be considered. It would be unreasonably burdensome and likely both economically and technically infeasible to require a charging station at every stall. The Committee is respectfully requested to have an empirical basis for whatever formula may be adopted.

Very truly yours,

*Philip Nerney*

Philip Nerney

## Testimony in Favor of SB2196

Aloha Chairs and Committee Members,

My name is Helen Cox, and I am writing on behalf of Kauai Climate Action Coalition, a large group of Kauai residents who recognize the need for urgent action to address the climate crisis. We support SB2196.

This bill is for HOAs and other groups defining a plan on how to incorporate charging at their facilities. As such, it supports expanding charging infrastructure where it is badly needed.

However, we acknowledge that there will be situations where compliance is not feasible or would require heavy investment in infrastructure. A sample exception - subdivisions without common areas. HOAs should not be allowed to prevent or create unreasonable requirements for the installation of chargers in private spaces.

Please support SB2196. Mahalo!

Helen A Cox, Chair  
Kauai Climate Action Coalition



**Hawaiian  
Electric**

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

**SB 2196, SD2**

**Relating to Electric Vehicle Charging Stations**

March 17, 2022

9:00 AM, Agenda Item # 3

State Capitol, VIDEO CONFERENCE

June Chee

Program Manager, Electrification of Transportation  
Hawaiian Electric Company

Aloha Chair Lowen, Vice Chair Marten, and Committee Members,

My name is June Chee, and I am testifying on behalf of Hawaiian Electric Company in **support of and providing comments on SB2196 SD2**, Relating to Electric Vehicle Charging Stations, as it supports the installation of additional and reliable electric vehicle (EV) charging for future residential properties. Retrofits for EV charging infrastructure are significantly more expensive because they require the addition of electrical capacity, labor, boring, trenching, and re-filling with concrete. Developing plans to incorporate EV charging stations during the pre-construction phase dramatically decreases the costs to install EV charging infrastructure down the road.

The Company would encourage the committee to amend the following language on page 1, lines 9-10; page 2, lines 9-10; and page 3, lines 3-4 to provide more clarity on who is required to develop zero-emission vehicle fueling station plans:

provided that the association has ~~sufficient and adequate~~  
~~common area~~ **on-site parking** ~~infrastructure and boundaries.~~

Hawaiian Electric's Electric Vehicle Critical Backbone Study looked at the forecasted need for public and private EV charging infrastructure in the next 10 years. The backbone study projected a need of seven-times more public charging by 2030 and an even greater need for private commercial and residential charging. This insight helped the Company focus its support and momentum for electrification of transportation through programs and initiatives such as EV-specific rates to encourage daytime charging, the Charge Up eBus make ready pilot, a proposal to expand our public charging network, and our recently approved Charge Ready Hawaii pilot. Hawaiian Electric is supportive of efforts that encourage the planning for and installation of residential EV charging as it will supplement the Company's public EV infrastructure programs and serve EV charging needs of current and future EV drivers. Accordingly, Hawaiian Electric Company supports SB2196 SD2. Thank you for this opportunity to testify.



KauaiEV

Kauai Electric Vehicle Association  
302 Makani Rd, Kapaa, HI 96746  
808-652-0591

2022/03/15

**Strong Support for SB2196 (RELATING TO ELECTRIC VEHICLE CHARGING STATIONS)**

Dear Chair Lowen, Vice Chair Marten, and EEP Committee members,

On behalf of KauaiEV, a grassroots organization with over 100 members on Kauai, I write in **support of SB2196 SD2.**

Several of our members live in condos, apartments and other multi unit dwellings and do not have access to charging stations. In general 80% of EV charging takes place at home, for many busy people public charging is not feasible.

HOAs frequently make it almost impossible or cost prohibitive for their members to install their own chargers. On Kauai not one regular multi unit dwelling has a charging station for the EV owners living there even though multiple people tried to install their own, and / or start a dialogue with the HOAs.

In our opinion the best solution for the problem is that the HOAs themselves are required to install the chargers. Please move the date closer, sooner is better as the problem exists already, and more and more EV drivers will be affected.

Mahalo for your consideration.

Sincerely,

Sonja Kass  
Kauai EV President

**SB-2196-SD-2**

Submitted on: 3/16/2022 8:12:07 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Noel Morin	Big Island Electric Vehicle Association	Support	Written Testimony Only

Comments:

Dear Chair Lowen, Vice-Chair Marten, and Committee members,

**Big Island EV Association (BIEVA) supports SB2196 SD2.**

This measure will facilitate the expansion of charging infrastructure in multi-unit dwellings. Hawaii has many condos and apartments, and residents and visitors who live or stay in these dwellings cannot effectively utilize electric vehicles. This measure establishes rules that will enable charging in existing complexes and allow future-proofing new projects with the charger-ready requirements.

Thank you for this opportunity to testify.

Noel Morin

President - BIEVA

[bigislandev.org](http://bigislandev.org)

**TESTIMONY REGARDING SENATE BILL 2196 SD 2****House Committee on Energy & Environmental Protection****Thursday, March 17, 2022 at 9:00 AM**

Aloha Chair Lowen, Vice Chair Marten, and Members of the Committee:

Thank you for the opportunity to provide testimony regarding SB 2196 SD 2, which would direct residential properties to develop plans to consider electric vehicle (EV) charging readiness in new construction to ensure sufficient wiring and electrical capacity to support current and future EV drivers.

Tesla supports SB 2196 SD 2 as it encourages planning for EV charging in new residential construction which would reduce the costs of EV charging for Hawaii residents and help accelerate the adoption of EVs. Planning for and providing electric vehicle infrastructure readiness in new residential construction is significantly less expensive than in retrofits. A study analyzing the cost implications of California's EV infrastructure building codes found that each EV-Capable parking space installed in a multi-unit dwelling during new construction saves \$2,040 - \$4,635 over the retrofit scenario.<sup>1</sup>

Compared to single-family homes, the cost and complexity to retrofit an existing building with EV charging can be most significant for those in multi-unit dwellings who must navigate a myriad of obstacles from coordinating with the building owner or association, overseeing utility and electrical site work, gaining approval to construct in shared spaces, and more costly installations due to parking structure design. To reduce the costs of EV adoption to Hawaii residents in new multi-family buildings and support an equitable transition to EVs, passage of SB 2196 SD 2 is an important first step to direct planning for EVs in new residential properties.

Thank you for the opportunity to submit this testimony.

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<sup>1</sup> <https://caletc.aodesignsolutions.com/assets/files/CALGreen-2019-Supplement-Cost-Analysis-Final-1.pdf>



**HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION  
State Capitol, Via Videoconference  
415 South Beretania Street  
9:00 AM**

**March 17, 2022**

RE: SB 2196 SD2 - RELATING TO ELECTRIC VEHICLE CHARGING STATIONS

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

My name is Daryl Takamiya, 2022 President of the Building Industry Association of Hawaii (BIA-Hawaii). Chartered in 1955, the Building Industry Association of Hawaii is a professional trade organization affiliated with the National Association of Home Builders, representing the building industry and its associates. BIA-Hawaii takes a leadership role in unifying and promoting the interests of the industry to enhance the quality of life for the people of Hawaii. Our members build the communities we all call home.

**BIA-Hawaii is in opposition to SB 2196 SD2, Relating to Electric Vehicle Charging Stations.** This bill would require cooperative housing corporations, homeowners associations, planned community associations, and condominium associations to develop plans to incorporate zero-emissions fueling stations, including electric vehicle charging stations, onto any of its residential properties that are constructed after January 1, 2023.

While we understand the need for zero-emission transportation infrastructure, we disagree that the cost should be placed upon builders of housing developments, and future homeowners. Financial impact needs to be analyzed and addressed when mandating further cost onto homebuilding in our state.

Further, this proposed legislation does not address compliance or enforcement, which is a key component to its function. Also, this requirement may not be necessary since most counties already have electric vehicle infrastructure requirements on new construction.

Hawaii is in a major housing crisis, which has only worsened over time. Rather than placing more costly mandates on construction, perhaps the Legislature should look for creative ways to incentivize the market to move further in that direction, without negatively impacting local families. The cost of housing in Hawaii is extremely high, with Oahu's median price of homes being currently over \$1 million. Adding to the cost of building will further raise this price.

Thank you for the opportunity to share our concerns.



**Hawaii Electric Vehicle Association**

hawaiiev.org  
info@hawaiieva.com



March 16, 2022

Dear Chair Lowen, Vice-Chair Marten, and members of the Energy and Environmental Protection Committee,

**Hawaii Electric Vehicle Association supports SB2196 SD2 (RELATING TO ELECTRIC VEHICLE CHARGING STATIONS).**

Hawaii EV is supportive of the intent of this measure. It “requires cooperative housing corporations, homeowners associations, planned community associations, and condominium associations to develop plans to integrate electric vehicle charging stations onto their properties and make funds available for that purpose.”

This measure will expand the much-needed charging infrastructure, particularly in projects where access to home charging is not feasible, e.g., condos and apartments. SD2 introduces exceptions for situations where compliance is not technically possible due to the inadequacy of common area boundaries and infrastructure. The inclusion of EV charger-ready requirements in new construction and renovations will allow futureproofing of projects and enable cost-effective installation of future chargers.

Please support and pass SB2196 SD2.

Thank you for this opportunity to testify.

Sincerely,

Noel Morin  
President  
Hawaii EV Association

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**Hawaii EV Association** is a grassroots non-profit group representing electric vehicle owners in Hawaii. Our mission is to accelerate the electrification of transportation through consumer education, policy advocacy, and electric vehicle charging infrastructure expansion. For more information, please visit [hawaiiev.org](http://hawaiiev.org).

**Hawaii EV Board**

Noel Morin, President  
Nanette Vinton, Secretary, and Treasurer  
Bill Bugbee – Director  
Tam Hunt - Director  
Sonja Kass – Director  
Rob Weltman – Director

**Hawaii EV Clubs**

Big Island EV Association  
Kauai EV  
Maui Nui EV  
Tesla Hawaii Club



DATE: March 17, 2022

TO: Representative Nicole Lowen  
Chair, Committee on Energy and Environmental Protection

FROM: Tiffany Yajima

RE: **S.B. 2196, S.D.2 – Relating to Electric Vehicle Charging Stations**  
**Hearing Date: Thursday, March 17, 2022 at 9:00 a.m.**  
**Conference Room: 325**

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

On behalf of the Alliance for Automotive Innovation (“Auto Innovators”) we submit these **comments** supporting the intent of S.B. 2196, SD2, Relating to Electric Vehicle Charging Stations.

The Alliance for Automotive Innovation is the singular, authoritative and respected voice of the automotive industry. Focused on creating a safe and transformative path for sustainable industry growth, the Alliance for Automotive Innovation represents the manufacturers producing nearly 99 percent of cars and light trucks sold in the U.S. Members include motor vehicle manufacturers, original equipment suppliers, technology, and other automotive-related companies and trade associations.

Hawaii has one of the highest rates of adoption of passenger electric vehicles in the nation with more than 17,700 passenger electric vehicles registered in the state. This number, however, represents only a small percentage of the total number of registered vehicles in Hawaii. While there is a growing interest in electric vehicles, Hawaii’s charging infrastructure is lacking, and presents a key barrier to broader EV adoption. Many Hawaii residents live in apartments, condominiums and multi-unit dwellings that cannot support electric vehicle charging at home, and without sufficient at-home charging infrastructure these drivers remain hesitant to invest in electric vehicles that cannot be easily refueled.

Automobile manufacturers are already transitioning toward an electric future and a new generation of ZEVs is coming with 130 models expected for sale in the U.S. market by 2026, up from over 50 models today. This measure supports the build-out of EV charging infrastructure in new residential properties to prepare communities for the transition to electric vehicles.

Thank you for the opportunity to submit this testimony.



March 16, 2022

Representative Nicole E. Lowen, Chair  
Representative Lisa Marten, Vice Chair  
Members of the Committee on Energy and  
Environmental Protection

RE: **SB 2196 SD2 – RELATING TO ELECTRIC VEHICLE CHARGING STATIONS**  
**Hearing date – March 17, 2022 at 9:00 a.m.**

Aloha Chair Lowen, Vice Chair Marten and members of the committee,

Thank you for allowing NAIOP Hawaii to submit testimony in **OPPOSITION** to SB 2196 SD2 – RELATING TO ELECTRIC VEHICLE (EV) CHARGING STATIONS. NAIOP Hawaii is the Hawaii chapter of the nation's leading organization for office, industrial, retail, residential and mixed-use real estate. NAIOP Hawaii has over 200 members in the State including local developers, owners, investors, asset managers, lenders and other professionals.

SB 2196 SD2 requires cooperative housing corporations, homeowners' associations, planned community associations, and condominium associations to develop plans to incorporate zero-emissions fueling stations, including electric vehicle charging stations, onto any of its residential properties that are constructed after January 1, 2023. Further, the measure mandates the plans include charger ready stalls for parking stalls constructed, including details on sufficient wiring, electrical conduit, electrical panel service capacity, overcurrent protection devices, suitable termination points to connect to a charging station, and 120-to-240-volt outlets. NAIOP opposes this requirement because it is an unnecessary and would have negative unintended consequences on affordable housing projects.

Primarily, NAIOP is concerned with requiring EV charging stations as it will raise the cost of affordable housing. Most developers are required to build 30% of their development to be affordable housing. The increased cost associated with installation of the EV stalls in new construction will be reflected in the cost of affordable housing units or prevent a project from penciling out altogether.

Moreover, most residential properties are privately owned and maintained by an association. Therefore, mandating installation of EV charging stations will significantly raise the monthly maintenance costs for each homeowner. This will

Representative Nicole E. Lowen, Chair  
Representative Lisa Marten, Vice Chair  
Members of the Committee on Energy and  
Environmental Protection  
March 17, 2022  
Page 2

be especially problematic if the current association maintenance fees are already costly.

Furthermore, the rising costs associated with installing the required EV stations will prevent projects from penciling out. Ultimately, in order for projects to be constructed developers will need to pass on the costs to buyers. In conjunction with the rising interest rates, an increase in price of affordable housing will result in less residents that can afford to buy a house or unit. Accordingly, this bill would be inconsistent with addressing the need to create more affordable housing which is a priority of the legislature.

For these reasons we urge you to defer SB 2196 SD2. Thank you for the opportunity to testify on this measure.

Mahalo for your consideration,

A handwritten signature in black ink, appearing to read "J Camp", with a small flourish at the end.

Jennifer Camp, President  
NAIOP Hawaii

TESTIMONY OF

**LARRY S VERAY**

CITY AND COUNTY OF HONOLULU  
CITY COUNCIL RESOLUTION 21-188

***MOST STRONGLY SUPPORT***

**RELATING TO COMMERCIAL HELICOPTER NOISE**

**March 14, 2022**

Aloha, Chair Waters and City Council members. Thank you for allowing me the opportunity to provide testimony on Resolution 21-188.

I am Chair for the Pearl City Neighborhood Board No. 21 representing our board and all our residents, families and pets negatively impacted by commercial tour helicopter noise. Our board unanimously approved our resolution on tour helicopter noise at our September 24, 2019 Neighborhood Board meeting.

We totally concur with this resolution that the State Department of Transportation should revoke the use privilege permits of commercial helicopters to land at state airports until noise concerns are addressed based on the numerous community complaints that have been submitted over the past few years. We, in Pearl City, continue to be negatively impact by tour helicopter noise since some tour companies have been landing their aircraft on Waiawa Ridge close to the Pacific Palisades residential area.

I most strongly urge you to approve Resolution 21-188. Mahalo!

Very respectfully,

*Larry S. Veray*

**SB-2196-SD-2**

Submitted on: 3/14/2022 11:43:14 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Janet L Pappas	Individual	Support	Written Testimony Only

Comments:

Dear EEP committee members,

We strongly support Bill SB2196 SD2 requiring condominiums and other multi-dwelling home associations to develop plans for EV charging systems in their parking areas. If people cannot charge their EVs "at home", the inconvenience of searching for a station will be a disincentive to owning a zero-emission vehicle and slow Hawaii's progress toward being fossil fuel free by 2045.

In a few years nearly every U.S. carmaker will have at least one electric model vehicle on their salesroom floor. Electric cars cost less to operate than fossil fuel vehicles and are nearly maintenance-free. Range anxiety is no longer an issue. These vehicles will become the norm.

Let's not have a bottleneck (not having enough charging stations) be the reason people don't chose a zero-emission vehicle in Hawaii.

Please pass this bill to encourage 100% zero-emission vehicle adoption in Hawaii.

We love our 2011 Leaf. Thank you for listening.

Jan Pappas and Ronald Yasuda

Aiea, Hawaii 96701

**SB-2196-SD-2**

Submitted on: 3/15/2022 6:35:13 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Stephanie Hall Morin	Individual	Support	Written Testimony Only

Comments:

Aloha,

Yes in preparing for the future with this bill. We also need to figure out how to retrofit the older buildings as many lower-income residents reside in older buildings where charging isn't feasible. I think this bill is a good step forward - no brainer - in my view. Mahalo.

**SB-2196-SD-2**

Submitted on: 3/15/2022 6:43:21 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Lorn Hoku Douglas	Individual	Support	Written Testimony Only

Comments:

In order to meet our State's goal for clean transportation, people living in multi family condos and apartment have to have access to charging facilities to make them using electric vehicles practical. Your support here is apprecaiated.



**SB-2196-SD-2**

Submitted on: 3/15/2022 7:20:24 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Gary Miller	Individual	Support	Written Testimony Only

Comments:

I support this bill to encourage electric charging stations in multiunit dwellings.

It will help us to reach more people and provide opportunities for those reluctant to purchase EVs with a way to charge near their homes.

Mahalo for your consideration on this bill,

Gary Miller

**SB-2196-SD-2**

Submitted on: 3/15/2022 9:22:08 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Roberta Baker	Individual	Support	Written Testimony Only

Comments:

SB2196 can even the opportunites for everyone to own an EV by giving access to EV chargers in condos and multi-unit complexes.

I support this bill.

**SB-2196-SD-2**

Submitted on: 3/15/2022 9:57:38 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Keith Neal	Individual	Support	Written Testimony Only

Comments:

Support

I support expanding Hawaii's Electric Vehicle Charging Station infrastructure.

Expanding EV charging station access to apartment and condo residents is an important step to adopting electric transportation.

Respectful submitted,

Keith Neal

**SB-2196-SD-2**

Submitted on: 3/15/2022 10:07:45 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Paula Miller	Individual	Support	Written Testimony Only

Comments:

My name is Paula Miller and I am a resident of Ninole, on the Hamakua Coast of the Big Island.

I strongly urge you to support SB2196 SD2.

This will serve to expand needed charging infrastructure, particularly in projects where access to home charging is not feasible. However, it must be acknowledged that there will be situations where compliance is not technically feasible or would require heavy infrastructure investment. Exceptions must be noted, e.g., subdivisions without common areas or properties that don't have adequate infrastructure.

Additionally, HOAs should not be allowed to prevent nor create unreasonable requirements for the installation of chargers in private spaces.

Please support SB2196 SD2.

**SB-2196-SD-2**

Submitted on: 3/15/2022 10:26:31 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Ryan Christopher	Individual	Support	Written Testimony Only

Comments:

This will aid in the transition from gas cars to EVs.

**SB-2196-SD-2**

Submitted on: 3/15/2022 10:48:45 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Ron Reilly	Individual	Support	Written Testimony Only

Comments:

Dear Chairs Baker and Dela Cruz, Vice-Chairs Chang and Keith-Agaran, and members of the Commerce and Consumer Protection and Ways and Means Committees,

I support the intent of SB2196

As a former condominium owner, a former member of two HOA board of directors, and a former BOD president, I appreciate the intent of SB2196 and I can also understand some of the physical and financial constraints that a HOA may have regarding its implementation.

Ultimately condos will have to recognize and grapple with the reality of the increasing penetration of electric vehicle ownership among their owners, renters and guests. The urgent and very necessary electrification of ground transportation is a challenging and game-changing transition.

I understand that the Hawaii EV Association will submit written testimony with helpful recommendations that could be included to amend and improve SB2196 and I defer to their expertise in this regard.

Thank you for your consideration, Ron Reilly  
Volcano Village, Hawaii  
Member of the Hawaii EV Association

**SB-2196-SD-2**

Submitted on: 3/15/2022 10:56:18 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Jacob Head	Individual	Support	Written Testimony Only

Comments:

Please support this bill to help move us to energy independence!

**SB-2196-SD-2**

Submitted on: 3/15/2022 1:51:06 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Larry Stevens	Individual	Support	Written Testimony Only

Comments:

Electric vehicle numbers are increasing explosively across our islands, reducing pollution, noise and reducing our dependence on imported Russian oil.

Hawaii can further accelerate this change by ensuring that "destination" charging stations are available everywhere. This bill extends that support to rental housing complexes for locals and visitors and is long overdue. Please support this bill.



**SB-2196-SD-2**

Submitted on: 3/15/2022 2:30:20 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Paul Bernstein	Individual	Support	Written Testimony Only

Comments:

Aloha Chair Lowen, Vice Chair Marten, and Committee Members:

I'm writing in support of SB2196. We need to plan as early as possible for our necessary low carbon future as doing so will reduce the costs of transitioning our economy. This bill helps with that aim when it comes to reducing emissions from light duty vehicles. Therefore, I urge you to pass this bill out of your committee.

Respectfully,

Paul Bernstein

**SB-2196-SD-2**

Submitted on: 3/15/2022 2:57:10 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Gordon Karsin	Individual	Support	Written Testimony Only

Comments:

This is also helpful for EV charger expansion in condos and multi-unit complexes.

**SB-2196-SD-2**

Submitted on: 3/15/2022 3:33:24 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Andrea Quinn	Individual	Support	Written Testimony Only

Comments:

Dear Honorable Committee Members:

Please support SB2196.

Thank you for the opportunity to present my testimony.

Andrea Quinn

Kihei, Maui

**SB-2196-SD-2**

Submitted on: 3/15/2022 6:54:37 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
R Laree McGuire	Individual	Support	Written Testimony Only

Comments:

I support the intent behind SB 2196 but seek the amendments addressed in the testimony submitted by CAI/LAC and incorporate that testimony herein by reference.

Mahalo for the opportunity to testify.

**SB-2196-SD-2**

Submitted on: 3/15/2022 11:07:43 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Nanette Vinton	Individual	Support	Written Testimony Only

Comments:

Dear Chair Lowen, Vice-Chair Marten, and EEP Committee Members,

I am writing in **support** of SB2196 SD2 which requires coops, HOAs, planned community associations, and condominium associations to develop plans to integrate electric vehicle charging stations onto their properties and make funds available for that purpose.

As a long-time EV owner, I am happy to see the significant EV growth in our state over the past few years. However, the lack of access to home charging for those living in condos is a common reason people are hesitant to buy EVs. This bill will push community associations to establish EV charger plans for their properties which would hopefully encourage more EV adoption.

One comment is to include language in the bill that HOAs should not be allowed to prevent or create unreasonable requirements for the installation of chargers in private spaces.

Respectfully submitted,

Nanette Vinton

Mililani, HI

**SB-2196-SD-2**

Submitted on: 3/16/2022 3:59:02 AM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Priscilla Rodriguez	Individual	Support	Written Testimony Only

Comments:

This is helpful for EV charger expansion in condos and multi-unit complexes. I own a condo in Kakaako without a charging station and it is painful trying to charge my electric vehicle.

SB 2196 SD 2 TESTIMONY

To: House Committee on Energy and Environmental Protection  
Hearing on Feb. 17, 2022 at 9:00 a.m.

From: John Kawamoto

Position: Support

Transportation represents a large sector of the economy. Gas powered personal vehicles have become so popular because, among other reasons, they are convenient to refuel. There are now 168,000 retail gas outlets across the country, with 400 to 500 of them in Hawaii.

As a society, we are transitioning toward electric vehicles to eventually eliminate the emission of greenhouse gases. We are trying to avoid a global climate disaster that threatens to undermine civilization as we know it. To accelerate the transition to electric vehicles, easy access must be provided to electric vehicle charging stations.

This bill is worthy of adoption because it would ensure that electric vehicle charging stations would be installed at condominiums and other similar residential housing developments built after January 1, 2023.

**SB-2196-SD-2**

Submitted on: 3/16/2022 4:47:09 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
GORAN RAD	Individual	Support	Written Testimony Only

Comments:

PLEASE SUPPORT THIS BILL... I SUPPORT THIS BILL.

SUPER IMPORTANT THAT APARTMENT BUILDINGS, CO-OPs, etc FUNDS and GET EV INFRASTRUCTURE installed for the ease of adoption of EVs across the state. Thank you.



**SB-2196-SD-2**

Submitted on: 3/16/2022 4:58:32 PM

Testimony for EEP on 3/17/2022 9:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Steve Parsons	Individual	Support	Written Testimony Only

Comments:

Aloha Trusted Lawmakers!

PLEASE vote Yes on this. We need to accelerate off fossil Fuels and support EV drivers that Don't have garages. This is helps affordability as transportation is the 2nd highest expense for folks after housing.

EV's Fight Climate Change and Bad Players like Putin, Better Air, Help Reefs (EV's don't add to Ocean Acidification like Fossil Fuel Cars do!)

Steve Parsons, Wailua Kauai