

JOSH GREEN, M.D.  
GOVERNOR



**TESTIMONY BY:**

EDWIN H. SNIFFEN  
DIRECTOR

Deputy Directors  
DREANALEE K. KALILI  
TAMMY L. LEE  
ROBIN K. SHISHIDO  
JAMES KUNANE TOKIOKA

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

February 16, 2023

2:00 P.M.

State Capitol, Conference Room 224 & Videoconference

**H.B. 346 HD1**  
**RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE**

House Committee on Consumer Protection & Commerce

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The Department of Transportation (DOT) **supports** this measure which seeks to require that the design of new state facilities be electric vehicle charger ready. Requires the Hawaii state energy office, in consultation with the department of accounting and general services and department of transportation, to evaluate the cost for retrofitting existing state facilities to make them electric vehicle charger ready. Requires the department of accounting and general services to install or contract for the installation of retrofits and electric vehicle charging systems at selected state facilities; and appropriates funds.

Thank you for the opportunity to provide testimony.



STATE OF HAWAII  
HAWAII CLIMATE CHANGE MITIGATION & ADAPTATION  
COMMISSION  
POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**Co-Chairs:**  
Chair, DLNR  
Director, OPSD

**Commissioners:**  
Chair, Senate AEN  
Chair, Senate WTL  
Chair, House EEP  
Chair, House WAL  
Chairperson, HTA  
Chairperson, DOA  
CEO, OHA  
Chairperson, DHHL  
Director, DBEDT  
Director, DOT  
Director, DOH  
Chairperson, DOE  
Director, C+C DPP  
Director, Maui DP  
Director, Hawaii DP  
Director, Kauai DP  
The Adjutant General  
Manager, CZM

**Testimony of  
Leah Laramee  
Coordinator, Hawai'i Climate Change Mitigation and Adaptation Commission**

**Before the House Committee on  
CONSUMER PROTECTION & COMMERCE**

**Thursday, February 16, 2023  
2:00 PM**

**State Capitol, Via Videoconference, Conference Room 329**

**In support of  
HOUSE BILL 346 HOUSE DRAFT 1  
RELATING TO ELECTRIC VEHICLE CHARGING  
INFRASTRUCTURE**

House Bill 346 HD1 Requires that the design of new state facilities be electric vehicle charger-ready. Requires the Hawai'i state energy office, in consultation with the department of accounting and general services and department of transportation, to determine a priority order for retrofitting state facilities based on certain factors. Establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready and appropriates funds. **The Hawai'i Climate Change Mitigation and Adaptation Commission (Commission) supports this measure.**

Emissions from ground transportation account for over half of energy emissions as noted in the 2017 Greenhouse Gas Inventory. Reducing emissions from ground transportation is one of the major focuses of the Commission, and a transition to clean renewable fueled vehicles is a crucial strategy to achieve state goals.

In its November 2018 statement, the Commission emphasized that the state must explore and develop statewide polices and partner with counties to modernize parking policies and parking management, which will reduce overall emissions, congestion and vehicle miles travelled (VMT) from driving, and increase biking, walking, and transit use, to achieve state goals. It also identifies the need for the state and county to timely develop the infrastructure necessary to meet the anticipated demands to charge electric vehicles and this bill addresses this requiring charger ready infrastructure throughout State facilities.

Mahalo for the opportunity to testify in support of this measure.

JOSH GREEN, M.D.  
GOVERNOR  
KE KIA'ĀINA



KEITH A. REGAN  
COMPTROLLER  
KA LUNA HO'OMALU HANA LAULĀ

MEOH-LENG SILLIMAN  
DEPUTY COMPTROLLER  
KA HOPE LUNA HO'OMALU HANA LAULĀ

**STATE OF HAWAII | KA MOKU'ĀINA O HAWAII'**  
**DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES | KA 'OIHANA LOIHELU A LAWELAWE LAULĀ**  
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY  
OF  
KEITH A. REGAN, COMPTROLLER  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
TO THE  
**COMMITTEE ON CONSUMER PROTECTION & COMMERCE**

H.B.346 HD1

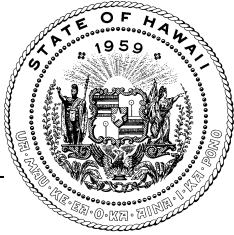
FEBRUARY 16, 2023, 2:00 P.M.  
CONFERENCE ROOM 329 AND VIA VIDEOCONFERENCE, STATE CAPITOL  
RELATING TO ELECTRICAL VEHICLE CHARGING INFRASTRUCTURE.

Chair Nakashima, Vice Chair Sayama and Members of the Committee, thank you for the opportunity to testify on H.B. 346 HD1.

The Department of Accounting and General Services (DAGS) supports H.B. 346 HD1, which requires that, where feasible and cost-effective, the design of all new state building construction shall include parking areas that are electric vehicle charger ready.

DAGS also supports the requirement that the Hawaii state energy office, in consultation with the department of accounting and general services and the department of transportation, shall evaluate existing state facilities statewide that include parking and determine a priority order for retrofitting state facilities based on certain factors. We also support the establishment of the goal for the State to retrofit state facilities to be electric vehicle charger ready.

Thank you for this opportunity to testify in support on this matter.



# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

JOSH GREEN, M.D.  
GOVERNOR

MARK B. GLICK  
CHIEF ENERGY OFFICER

235 South Beretania Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-3807  
Web: [energy.hawaii.gov](http://energy.hawaii.gov)

Testimony of  
**MARK B. GLICK, Chief Energy Officer**

before the  
**HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE**

Thursday, February 16, 2023  
2:00 PM  
State Capitol, Conference Room 329 and Videoconference

In SUPPORT of  
**HB 346, HD1**

## **RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.**

Chair Nakashima, Vice Chair Sayama, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports HB 346, HD1, which requires that the design of new state facilities be electric vehicle charger-ready, the Hawai'i state energy office, in consultation with the department of accounting and general services and department of transportation, to determine a priority order for retrofitting state facilities based on certain factors, and establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready.

In order to decarbonize our economy and meet Hawai'i's goal of net negative carbon economy by 2045, our State government must lead by example. In 2021, the Governor signed ACT 74 to transition the State's light-duty fleets to zero-emission vehicles by 2035. The State's builds on this leadership with HB 346, HD1, by expanding access to workplace electric vehicle charging in State facilities. Workplace charging helps shift electric vehicle charging demand from peak hours – typically in the early evening – to times during the day when renewable energy is more economical and plentiful. Workplace charging also promotes equity by providing access to charging for residents of multi-unit dwellings and other locations where electric vehicle charging poses greater logistical challenges.

In line with HSEO's testimony on HB 346 which identified the need for funding to conduct a study, we suggested adding a section to appropriate funds for the study and authorizing HSEO to expend those funds as HB 346, HD1, includes an amendment directing HSEO to conduct the study. HSEO would also suggest that the amendment adding a deadline to submit the report to the legislature identified in Section 3. (b) be moved to twenty days prior to the convening of the regular session of 2025. Completing the necessary procurement, project execution, and final report in the few months between the legislative sessions will be very challenging. HSEO stands ready to collaborate with our partners at the Department of Transportation and the Department of Accounting and General Services to evaluate and prioritize existing state parking facilities as needed to meet the goals of HB 346, HD1.

Thank you for the opportunity to testify.



**Hawaiian  
Electric**

**TESTIMONY BEFORE THE HOUSE COMMITTEE ON  
CONSUMER PROTECTION & COMMERCE**

**HB 346 HD1**

**Relating to Electric Vehicle Charging Infrastructure**

February 16, 2023

2:00 PM, Agenda Item #5

Conference Room 329, VIDEO CONFERENCE

June Chee

Program Manager, Electrification of Transportation  
Hawaiian Electric

Aloha Chair Nakashima, Vice Chair Sayama, and Committee Members,

My name is June Chee, and I am testifying on behalf of Hawaiian Electric **in support of HB 346 HD1**, which seeks to encourage workplace charging by requiring state facilities to become electric vehicle (EV) charger-ready. Hawaiian Electric commends the legislature's proposal to encourage the State to lead by example by requiring all new state facilities to be EV-ready and evaluate existing state facilities to retrofit with EV charging. Increased access to workplace charging is a strategic initiative that creates equitable transportation options for employees and shifts energy demand. Additionally, these efforts will generate Hawaii-based data and costs for EV-ready infrastructure and make-ready infrastructure leading to more informed planning and budget assumptions statewide.

The Company is committed to supporting workplace charging by providing customer-focused charging infrastructure to incentivize the adoption of EVs and commercial EV charging time-of-use rates that encourage daytime charging. Hawaiian Electric is excited to work with the Department of Accounting and General Services to

evaluate power needs for additional EV charging at state facilities. Thank you for this opportunity to testify.



DATE: February 16, 2023  
TIME: 2:00 PM  
PLACE: VIA VIDEOCONFERENCE and Conference Room 329  
BILL: HB 346, HD1, Relating to Electric Vehicle Charging Infrastructure

Aloha Chair Nakashima, Vice Chair Sayama and members of the committee!

On behalf of the Hawai'i Automobile Dealers Association (HADA), we are writing to **support** HB 346, HD1, relating to electric vehicle charging infrastructure. This bill requires that the design of new state facilities be electric vehicle charger-ready. It requires the Hawaii State Energy Office, in consultation with the Department of Accounting and General Services and Department of Transportation, to determine a priority order for retrofitting state facilities based on certain factors and establishes a goal of the State to retrofit State facilities to be electric vehicle charger-ready.

HADA supports working collaboratively with policy leaders to ensure that the state's clean energy goals are met. HADA is presently proactively discussing with stakeholders, including state agency leaders, many of the issues addressed in this bill. For example, we believe that infrastructure to support electric vehicle deployment is critical to support electric vehicle growth in Hawaii. We support measures that facilitate workplace charging and other public charging options which will allow more people to consider an electric vehicle.

HADA seeks to engage with legislators on issues of importance relevant to motor vehicles, our state's clean energy future, and safety. We thank you for the opportunity to testify.

The Hawai'i Automobile Dealers Association is the voice of more than 60 new car dealerships across the islands, accounting for over 4,000 direct jobs, \$6 billion total sales and more than \$250 million in general excise taxes paid.





## HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE

February 16, 2023, 2:00 P.M.

Conference Room 329

### TESTIMONY IN SUPPORT OF HB 346 HD1

Aloha Chair Nakashima, Vice Chair Sayama, and members of the Committee:

Blue Planet Foundation **supports HB 346**, which requires that new state buildings be electric vehicle charger-ready, evaluates the cost of retrofitting existing state parking facilities to be EV-ready, and funds the retrofits of at least two state facilities. This bill would increase access to workplace EV charging for state employees and save the state money on future EV charger installation costs.

### Electric vehicles are shaping the future of transportation

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Electric vehicles are the fastest growing segment of new cars in Hawai'i. In 2022, the number of registered electric vehicles in Hawai'i increased more than 25%, compared to only a 1% increase in registered gasoline-powered vehicles.<sup>1</sup> There are currently over 22,000 electric vehicles registered in the state, a number that is expected to rise exponentially as more electric vehicles come to market, vehicle ranges increase, and the cost of electric vehicles decreases.

Battery costs have fallen precipitously over the past several years so that in many cases, the total cost of ownership for EVs is lower than for gasoline-powered vehicles. Experts expect battery prices to continue to fall, and as automakers increase the number of models and volume of EVs in the next few years, the upfront cost of EVs is expected to reach cost parity with conventional vehicles by 2024.<sup>2</sup>

In part due to falling costs and increasing consumer demand, and in part due to government policies encouraging the transition towards EVs, nearly all of the world's leading automakers have announced aggressive strategies and investments in electric and plug-in hybrid vehicles

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<sup>1</sup> "Monthly Energy Trends", *DBEDT*, December 2022 (<https://dbedt.hawaii.gov/economic/energy-trends-2/>).

<sup>2</sup> Slowik, Peter, et. al. "Assessment of Light-duty Electric Vehicle Costs and Consumer Benefits in the United States in the 2022-2035 Time Frame." *The International Council on Clean Transportation*. October 2022. (<https://theicct.org/publication/ev-cost-benefits-2035-oct22/>).

over the past two years.<sup>3</sup> **This bill helps to prepare Hawai'i for the future demand for electric vehicles in our state.**

## **The lack of EV charging is a significant barrier to adoption**

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The International Energy Agency found that “the availability of chargers emerged as one of the key factors for contributing to the market penetration of EVs.”<sup>4</sup> Unlike gasoline car owners, 80% of EV drivers charge their cars at home or at work.<sup>5</sup> Residents in multi-unit dwellings or condos, however, are often unable to find a place to charge, preventing them from receiving the benefits of EVs. This is a fundamental equity issue in Hawai'i: a large segment of residents in Hawai'i live in multi-family housing, in part because single-family homes are financially out of reach for many. Because Hawai'i's public charging network is still inadequate, workplace charging options are few and far between. **This bill helps to expand workplace charging options for employees that don't have the luxury of charging their EVs at home.**

## **Installing EV-ready wiring is cheaper pre-construction**

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The most challenging aspect of EV charger installation is the common lack of electrical capacity and distributed subpanels to support broad deployment of charging infrastructure. Studies have shown that installing EV infrastructure at the time of construction can be 91% less expensive than post-construction retrofits, and that per stall installation costs can be reduced through economies of scale, by deploying more stations at time of construction.<sup>6</sup> Requiring that the power capacity and conduit be set up during construction would dramatically reduce retrofit costs at the time of installation, creating significant cost savings for taxpayers.

By choosing not to plan for EV charging infrastructure in new construction, the state would be forced to pay expensive retrofit costs to upgrade power capacity later when their fleets have changed to EVs and their employees are driving EVs—a transition that is already well underway. **This bill is about future proofing our new state buildings and encouraging the state “lead by example” for workplace charging.**

## **Expanding EV charging infrastructure benefits all electricity users**

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Expanding access to EV charging is critical to unlock benefits for all electricity users, not just for EV drivers. **Enabling EV charging during the middle of the day allows more low-cost solar to be added to the grid and helps the overall energy system.** When large numbers of EVs—

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<sup>3</sup> Motavalli, Jim. “Every Automaker's EV Plans Through 2035 and Beyond.” *Forbes*, October 2021. (<https://www.forbes.com/wheels/news/automaker-ev-plans/>).

<sup>4</sup> *Global EV Outlook 2017*, International Energy Agency, June 2017, <https://www.iea.org/reports/global-ev-outlook-2017>.

<sup>5</sup> Ibid.

<sup>6</sup> See <http://evchargingpros.com/wp-content/uploads/2017/04/City-of-SF-PEV-Infrastructure-Cost-Effectiveness-Report-2016.pdf>.

which are essentially batteries on wheels—are connected to the electricity grid simultaneously, they could be used to help manage the system through demand response, load shifting, and other grid services.

## Suggested Amendment

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HB 346 is currently written to require EV-ready charging infrastructure to support “Level 2” charging in new state facilities. To ensure this legislation achieves its intended impact of expanding access to EV-ready parking and meeting future EV demand, **Blue Planet recommends the bill be amended to require that at least 25% of new parking stalls be EV-ready.**

A similar requirement was enacted in the City and County of Honolulu via Ordinance 20-10 (Bill 25 (2019)), which was adopted in June 2020 and requires that 25% of new stalls for commercial and multi-residential buildings be EV-ready for Level 2 chargers.<sup>7</sup>

## Conclusion

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Blue Planet strongly supports requiring EV-ready new construction to reduce barriers to EV adoption and address the expansive and urgent challenge of reducing carbon emissions from ground transportation in Hawai‘i.

By recognizing that automakers are rapidly moving towards electric vehicles and that a lack of charging infrastructure remains a barrier to more widespread adoption of electric vehicles in Hawai‘i, lawmakers should incentivize the installation of publicly available charging stations for state employees to meet future demand and reduce unnecessary financial costs to the state.

For these reasons, Blue Planet is in strong support of HB 346.

Thank you for the opportunity to provide testimony.

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<sup>7</sup> “Get your building ready for electric vehicles: Ordinance 20-10 Compliance Guide”, *City and County of Honolulu*, June 2021, ([https://static1.squarespace.com/static/5e3885654a153a6ef84e6c9c/t/6139768b7192cb11bb99ce90/1631155852707/EV-Ready+Compliance+Guide+%26+FAQ\\_Combined+%28September+2021%29.pdf](https://static1.squarespace.com/static/5e3885654a153a6ef84e6c9c/t/6139768b7192cb11bb99ce90/1631155852707/EV-Ready+Compliance+Guide+%26+FAQ_Combined+%28September+2021%29.pdf))



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

HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE  
Thursday, February 16, 2023 — 2:00 p.m.

**Ulupono Initiative supports HB 346 HD1, Relating to Electric Vehicle Charging Infrastructure.**

Dear Chair Nakashima and Members of the Committee:

My name is Micah Munekata, and I am the Director of Government Affairs at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve the quality of life throughout the islands by helping our communities become more resilient and self-sufficient through locally produced food, renewable energy and clean transportation choices, and better management of freshwater resources.

**Ulupono supports HB 346 HD1**, which requires that the design of new state facilities be electric vehicle (EV) charger-ready; requires the Hawai'i State Energy Office, in consultation with the Department of Accounting and General Services and Department of Transportation, to determine a priority order for retrofitting state facilities based on certain factors; and establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready.

Requiring qualifying facilities to be “EV-ready” is smart future-proofing. In 2021, the International Code Council (ICC) updated its building standards to include EV-ready provisions. One main rationale was that the cost of retrofits is significantly more expensive than when installed upfront, and such an upfront investment is a relatively small part of the total building cost. A recent case study in San Francisco estimated the costs of EV-readiness at the time of construction to be less than \$1,000 per parking spot.<sup>1</sup> Given that our recent research shows that a typical structured parking space can cost \$42,000–\$57,000 per space to build, this relatively low incremental amount seems worth the option to expand EV access.<sup>2</sup>

Additionally, the City and County of Honolulu passed Ordinance 20-17 requiring EV-readiness for certain new construction. Passing this State policy will ensure a consistent policy is applied statewide and that the State is leading by example with the least cost to taxpayers.

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<sup>1</sup> <https://energy-solution.com/wp-content/uploads/2016/09/PEV-Infrastructure-Cost-Effectiveness-Summary-Report-2016-07-20b.pdf>

<sup>2</sup> <https://ulupono.com/media/ivcfs2pu/the-cost-of-parking-in-hawaii-report-2020-08.pdf?sha=27ef1b3a>



However, relying exclusively on new facilities means that the network will potentially remain incomplete. A comprehensive effort to develop a retrofit plan is also very prudent.

As our 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 the opportunity to testify.

Respectfully,

Micah Munekata  
Director of Government Affairs

## Big Island Electric Vehicle Association

hawaiidriveelectric@gmail.com

bigislandev.org



February 15, 2023

SUPPORT for HB346 HD1 - RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

Dear Chair Nakashima, Vice Chair Sayama, and Consumer Protection and Commerce Committee members,

Big Island EV Association supports HB346 HD1, which ***“Requires that the design of new state facilities be electric vehicle charger-ready. Requires the Hawai‘i state energy office, in consultation with the department of accounting and general services and department of transportation, to determine a priority order for retrofitting state facilities based on certain factors. Establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready.”***

The electrification of transportation is inevitable and accelerating. Many manufacturers have declared their intention to stop producing internal combustion engine vehicles in response to global efforts to decarbonize, growing consumer demand for electric vehicles, and competition from Electric Vehicle (EV)-only manufacturers. As a result of competition, technical breakthroughs in batteries, and economies of scale, EVs are reaching price parity with gas vehicles.

These factors are leading more Hawaii residents to transition to EVs. There are now over 20,000 EVs in the state (around 2% of the passenger vehicles), and we expect that adoption will accelerate. To facilitate this transition, **we must focus our attention on the creation of a robust network of public charging stations.** This will help residents who don't have access to home charging or the means to purchase long-range EVs to drive electric.

HB346 HD1 helps as it will ensure that new state facilities can readily expand charging infrastructure while avoiding costly retrofits. HB346 HD1 will also enable the creation of a strategy for the retrofitting of state facilities. These will allow more residents to own electric vehicles.

### Suggested Amendments

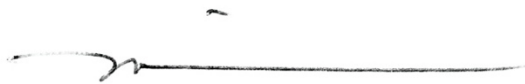
I recommend that **HB346 HD1** be amended to call for the State Energy Office analysis to include a systemic assessment of the EV charging infrastructure, one that considers the existence or

planned deployment of charging equipment outside of state structures by the utility, private entities, and programs such as NEVI.

Additionally, workplace charging facilities can benefit from less expensive and easily deployed Level 1 (110V) charging. These allow for the 'topping off' of vehicles parked for a long work shift and will be valuable for electric bikes and mopeds. This lighter-weight infrastructure should be considered in the retrofit plan, in addition to supporting Level 2 (240V) or DCFC (400V+) charging to support a variety of vehicle and usage scenarios.

Thank you for this opportunity to testify in support of HB346 HD1.

Sincerely,

A handwritten signature in black ink, appearing to read 'Noel Morin', with a long horizontal line extending to the right.

Noel Morin - President

**Big Island Electric Vehicle Association** ([bigislandev.org](http://bigislandev.org)), established in 2011, is a grassroots non-profit group dedicated to accelerating EV adoption on Hawaii Island. Our members are EV owners and supporters.



To: The House Committee on Consumer Protection & Commerce (CPC)  
From: Sherry Pollack, 350Hawaii.org  
Date: Thursday, February 16, 2023, 2:00pm

**In support of HB346 HD1**

Aloha Chair Nakashima, Vice Chair Sayama, and Consumer Protection & Commerce Committee members,

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org **supports HB346 HD1** that requires the design of new state facilities be electric vehicle charger-ready, and that the Hawaii state energy office, in consultation with the department of accounting and general services and department of transportation, determine a priority order for retrofitting state facilities based on certain factors. In addition, this measure establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready.

The State should lead by example by expanding workplace charging availability in facilities. Adequate public charging is critical for the democratization of transportation. While there are many in our community who have the benefit of home EV charging, many of our residents live in apartments, condos, or rentals and don't have this convenience. For them to adopt electric cars, they must have access to reliable and ubiquitous public charging, including workplace charging.

Workplace charging is a very effective strategy to accelerate Hawaii towards our clean transportation future. Please support and pass this important measure.

Mahalo for the opportunity to testify.

Sherry Pollack  
Co-Founder, 350Hawaii.org



**HB-346-HD-1**

Submitted on: 2/14/2023 9:15:33 PM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Matthew Geyer	Individual	Support	In Person

Comments:

Thank you for hearing HB346 which requires new State buildings to be electric vehicle charger-ready.

This bill could help various departments within the state switch their fleets to electric, which will save them money, along with a host of other benefits.

There have been recent reports of police departments around the continent switching to electric vehicles, and even though they are more expensive in the beginning, withing a few years end up saving more money than if they had purchased gas vehicles.

This could also support state workers who commute to their jobs in electric vehicles.

Please support HB346 HD1

Mahalo

Matthew Geyer

**HB-346-HD-1**

Submitted on: 2/13/2023 2:56:07 PM

Testimony for CPC on 2/16/2023 2:00:00 PM

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

Comments:

The State needs to lead by example with electric vehicle adoption, including the provision of charging infrastructure.

**HB-346-HD-1**

Submitted on: 2/13/2023 5:59:17 PM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
B.A. McClintock	Individual	Support	Written Testimony Only

Comments:

Please support this bill.

**HB-346-HD-1**

Submitted on: 2/13/2023 7:25:51 PM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Will Caron	Individual	Support	Written Testimony Only

Comments:

Adoption of electric vehicles in the state is expected to continue to grow at increasing rates. There is a need for a network of charging infrastructure to support this growth and ensure that there is an equitable transition to clean transportation.

The clean energy transition will be facilitated by shifting energy demand from peak times to times during the day when renewable energy is abundant. In order to facilitate this shift, electric vehicle drivers will need access to workplace charging. In addition, workplace charging will offer a convenient option for charging, which may open up the possibility to purchase an electric vehicle for people who may not have access to charging at home, including many low- and moderate-income families.

For these reasons, the state should expand workplace charging availability in state facilities. Please pass HB346 HD1.

**HB-346-HD-1**

Submitted on: 2/14/2023 12:24:49 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Clair Mason	Individual	Support	Written Testimony Only

Comments:

Aloha chair, vice chair, and members of the committee,

My name is Clair Mason, I am from Kailua-Kona, and I stand in **strong support of HB346**. This bill is imperative to catching up to our climate crisis deadlines. Green infrastructure is not nearly as prevalent in our neighborhoods as it should be. Please pass HB346 so that our communities have access to participating in a cleaner, greener future for Hawai'i. Mahalo for your work and fit considering my testimony.

Clair Mason

**HB-346-HD-1**

Submitted on: 2/14/2023 7:08:03 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Michael Koster	Individual	Support	Written Testimony Only

Comments:

An obvious area to expand EV infrastructure and lower our state's carbon footprint. The bottleneck is coming: lots of EVs and not enough charging stations. Let's work hard to avoid a mess by quickly building as much EV infrastructure as possible.

**HB-346-HD-1**

Submitted on: 2/14/2023 8:44:48 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Patrick Lum	Individual	Support	Written Testimony Only

Comments:

I support this measure.

Thanks.

**HB-346-HD-1**

Submitted on: 2/14/2023 8:48:47 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Brenden chun	Individual	Support	Written Testimony Only

Comments:

*I support this measure*



**HB-346-HD-1**

Submitted on: 2/14/2023 9:38:31 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

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

Comments:

Aloha Chair Nakashima and members of the CPC committee:

I'm writing in support of HB346 HD1. This bill should be part of a holistic effort to require all new construction be EV ready. The additional cost is small, especially compared to the retrofit costs. Also, this bill would facilitate the State's transition to cleaner transportation solutions.

Respectfully,

Paul Bernstein

**HB-346-HD-1**

Submitted on: 2/14/2023 10:06:34 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

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

Comments:

I support new and retrofit state facilities to be electric vehicle charger-ready.

Keith Neal

Waimea

**HB-346-HD-1**

Submitted on: 2/14/2023 10:07:19 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
David Durazzo	Individual	Support	Written Testimony Only

Comments:

*I support this measure*

**HB-346-HD-1**

Submitted on: 2/14/2023 10:08:26 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Keaton S Woods	Individual	Support	Written Testimony Only

Comments:

The State should lead the way in providing EV charging at their facilities to encourage the adoption of EVs.

**HB-346-HD-1**

Submitted on: 2/14/2023 1:41:23 PM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Virginia Tincher	Individual	Support	Written Testimony Only

Comments:

As an EV owner and supported I am testifying in support of HB346 HD1 to require new state facilities to be electric vehicle charger-ready.

Virginia Tincher

Aina Hain, Oahu

**HB-346-HD-1**

Submitted on: 2/15/2023 2:08:31 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Ruth Love	Individual	Oppose	Written Testimony Only

Comments:

Let people charge their own vehicles at home with their own \$1300-1800.00 charging station.

If you put one at each state building-who gets to use it?

Are you planning one, five or 10 at each building? So \$1500.00, \$7500.00 or \$15,000.00 per building, times how many buildings?

And then you'd have to maintain them.

Are you planning on setting up free gas pumps, too? Or do you plan on discrimination against those without an electric vehicle?

Heartfelt NO to this. Money is already tight post covid.

Thank you

Mrs Ruth Love

**HB-346-HD-1**

Submitted on: 2/15/2023 7:32:10 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Caroline Azelski	Individual	Support	Written Testimony Only

Comments:

In support of HD1. Thank you.

**HB-346-HD-1**

Submitted on: 2/15/2023 10:07:07 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

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

Comments:

Dear Chair Nakashima, Vice Chair Sayama, and CPC committee members,

I am writing in support of Bill HB346 HD1, which requires that the design of new state facilities be electric vehicle charger-ready and establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready.

By requiring that new state facilities be electric vehicle charger-ready, we are ensuring that future infrastructure is prepared for the growing demand for electric vehicles. It was disappointing to hear that the DOT did not include any EV ready stalls in the new rental car facility at the Daniel K. Inouye International Airport. Being proactive with charging infrastructure will help to save taxpayer monies down the road as it is cheaper to install EV chargers with infrastructure in place vs retrofitting the building.

With that said, the establishment of a goal to retrofit existing state facilities to be electric vehicle charger-ready is also important. This will make it easier for government employees, residents, and visitors to access electric vehicle charging infrastructure while on state property, promoting the use of clean energy and reducing our reliance on fossil fuels.

Thank you for your consideration.

Sincerely,

Nanette Vinton

Mililani, HI



**HB-346-HD-1**

Submitted on: 2/15/2023 9:07:58 AM

Testimony for CPC on 2/16/2023 2:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Testify</b>
Barbara Best	Individual	Support	Written Testimony Only

Comments:

Electric vehicles are an important step in lowering fossil fuel emissions. In this climate emergency, it is important to have charging stations to make EVs feasible for as many drivers as possible.