

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

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The Adjutant General
Manager, CZM

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

**Before the House Committee on
ENERGY & ENVIRONMENTAL PROTECTION**

**Tuesday, January 31, 2023
8:30 AM**

State Capitol, Via Videoconference, Conference Room 325

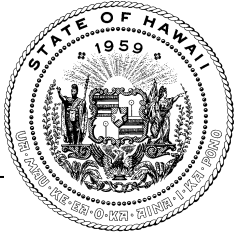
**In support of
House Bill 346
RELATING TO ELECTRIC VEHICLE CHARGING
INFRASTRUCTURE**

House Bill 346 requires 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 (DAGS) and department of transportation, to evaluate the cost for retrofitting existing state facilities to make them electric vehicle charger-ready. Requires DAGS to install or contract for the installation of retrofits and electric vehicle charging systems at selected state facilities 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 policies 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 comment in support of this measure.



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

Testimony of
MARK B. GLICK, Chief Energy Officer

before the
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Tuesday, January 31, 2023
8:30 AM
State Capitol, Conference Room 325 and Videoconference

In SUPPORT of
HB 346

RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

Chair Lowen, Vice Chair Cochran, and Members of the Committee, the Hawaii State Energy Office (HSEO) supports HB 346, which would require that the design of new State facilities are electric vehicle charger ready, evaluate the cost for retrofitting existing state parking facilities to make them electric vehicle charger-ready, and identify and fund at least two state facilities where retrofits can be undertaken to accommodate workplace charging. HSEO's testimony is guided by its mission to promote energy efficiency, renewable energy, and clean transportation to help achieve a resilient, clean energy, decarbonized economy.

In order to decarbonize our economy and meet Hawaii'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 of Hawaii's light-duty fleets to zero-emission vehicles by 2035. The State would continue to lead by example with HB 346 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.

HSEO would suggest including the study of state facilities as an authorized expense for the appropriated funds. 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.

Thank you for the opportunity to testify.

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 HAWAI'I | KA MOKU'ĀINA O HAWAI'I
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 ENERGY AND ENVIROMENTAL PROTECTION

H.B.346

JANUARY 31, 2023, 8:30 AM
CONFERENCE ROOM 325 AND VIA VIDEOCONFERENCE, STATE CAPITOL
RELATING TO ELECTRICAL VEHICLE CHARGING INFRASTRUCTURE.

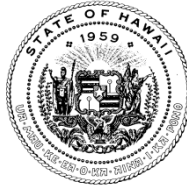
Chair Lowen, Vice Chair Cochran and Members of the Committee, thank you for the opportunity to testify on H.B. 346.

The Department of Accounting and General Services (DAGS) offers comments for H.B. 346, which requires that the design of new state facilities be electric vehicle charger ready, evaluates the cost of retrofitting existing state parking facilities to make them electric vehicle charger-ready and identify and fund at least two state facilities where retrofits can be undertaken to accommodate workplace charging.

DAGS supports having new state facilities be electric vehicle charger ready where feasible and cost effective. In addition, DAGS requests that the mandate to retrofit at least two state parking facilities be amended to be a goal since the DAGS Public Works Division has collaborated and will continue to collaborate with DAGS Automotive Management Division to identify facilities to retrofit where feasible.

Thank you for this opportunity to testify on this matter.

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

January 31, 2023

8:30 A.M.

State Capitol, Conference Room 325/Teleconference

H.B. 346
RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

House Committee on Energy & Environmental Protection

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.



Email: communications@ulupono.com

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Tuesday, January 31, 2023 — 8:30 a.m.

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

Dear Chair Lowen 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, 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 evaluate the cost for retrofitting existing state facilities to make them electric vehicle charger-ready; and 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.

Requiring qualifying facilities to be “EV-ready” is smart future-proofing. Recently, the International Code Council (ICC) updated its building standards to include EV-ready provisos. The 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. The ICC approval only validates this State policy and market need for EV-ready policies. 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.

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. Given that our recent research shows that a typical structured parking space can cost \$42,000–\$57,000 per space to build, this

Investing in a Sustainable Hawai'i

relatively low incremental amount seems worth the option to expand EV access.¹ Otherwise, the State will have to pay tens of thousands of dollars to install an EV charger at a later date—or worse yet, will simply not have access to charging.

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

¹ <https://ulupono.com/media/ivcfs2pu/the-cost-of-parking-in-hawaii-report-2020-08.pdf?sha=27ef1b3a>

HB-346

Submitted on: 1/29/2023 8:36:34 PM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Steve Parsons	Kauai Climate Action Coalition	Support	Written Testimony Only

Comments:

Aloha Trusted Leaders,

FAST EV CHARGERS are important to FAST EV (Electric Vehicles) adoption! The faster we can electrify everything and STOP Climate Pollution that is Killing us and the species we share the planet with, the better! Please vote YES on this one!

Mahalo,

Steve Parsons, Kauai Climate Action Coalition!

Hanapepe Kauai



HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

January 31, 2023, 8:30 AM

Room 325

TESTIMONY IN SUPPORT OF HB 346

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

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

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.¹ 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 2024.²

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

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

² 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/>).

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

info@blueplanetfoundation.org

126 Queen Street, Suite 204 • Honolulu, Hawai'i 96813 • 808-954-6161 • blueplanetfoundation.org

The lack of EV charging is a significant barrier to adoption

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.”⁴ Unlike gasoline car owners, 80% of EV drivers charge their cars at home or at work.⁵ 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

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.⁶ 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

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—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.

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

⁵ *Ibid.*

⁶ *See*

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

Suggested Amendment

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.⁷

Conclusion

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.

⁷ “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)

HB-346

Submitted on: 1/29/2023 10:22:46 PM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Ted Bohlen	Climate Protectors Hawaii	Support	Written Testimony Only

Comments:

The Climate Protectors Hawaii **strongly supports** this bill.

Hawaii needs to electrify its ground transportation in order to meet its climate and environmental goals. The State should lead by example by having its buildings ready with electric vehicle charging infrastructure.

Please pass this bill, which will help the State's achieve its goals for electrifying ground transportation.

Climate Protectors Hawaii (by Ted Bohlen)



To: The House Committee on Energy and Environmental Protection
From: Sherry Pollack, 350Hawaii.org
Date: Tuesday, January 31, 2023, 8:30am

In support of HB346

Aloha Chair Lowen, Vice Chair Cochran, and Energy and Environmental Protection 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** that requires the design of new state facilities be electric vehicle charger-ready. This measure further 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, and 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.

The State should 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



**Hawaiian
Electric**

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

HB 346

Relating to Electric Vehicle Charging Infrastructure

January 31, 2023

8:30 AM, Agenda Item #9

Conference Room 325, VIDEO CONFERENCE

June Chee

Program Manager, Electrification of Transportation

Hawaiian Electric

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

My name is June Chee, and I am testifying on behalf of Hawaiian Electric **in support of and providing suggested amendments for HB 346**, 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. 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. Additionally, the company supports the intent to retrofit prioritized facilities with make-ready infrastructure, and provides the suggested amendment to page 4, lines 4-13, to retrofit existing state parking facilities with EV charging equipment:

- (4) Select at least two existing state facilities to install electric vehicle charging equipment to accommodate workplace charging. ~~retrofit to be electric vehicle charger-ready;~~ ~~6 provided that “electric vehicle charger-ready” means~~ ~~7 having sufficient wire,~~

~~conduit, raceway, termination 8 point to support a minimum of 40-ampere, 208 or 240-9
voltage branch circuits, and electrical panel capacity 10 suitable to provide Level 2 charging
consistent with 11 an “alternating current Level 2 charging station” as 12 that term is
defined in section 269-72, Hawaii Revised 13 Statutes.~~

Workplace charging is a strategic initiative that creates equitable transportation options for employees and shifts energy demand. Hawaiian Electric 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 supports this bill and the decarbonization of Hawaii's ground transportation. Thank you for this opportunity to testify.

Hawaii Electric Vehicle Association

hawaiiev.org
info@hawaiieva.com



January 30, 2023

Dear Chair Lowen, Vice Chair Cochran, and members of the Committee,

The Hawaii Electric Vehicle Association (Hawaii EV) supports HB346 but has suggested revisions discussed herein.

We strongly support the purpose of HB346 to increase EV charger-readiness of state facilities.

The draft bill states that at least two “existing state facilities” shall be selected for a pilot retrofit to be EV charge ready. We recommend changing this, given the needed pace of change to accommodate the EV revolution, “at least ten” existing state facilities.

We will likely have additional recommendations in future testimony on this bill.

Thank you for this opportunity to testify.

Sincerely,

A handwritten signature in black ink, appearing to read "TH", is written over a light gray horizontal line.

Tam Hunt
Board Member and Policy Manager
Hawaii EV Association

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.

Hawaii EV Board

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

Hawaii EV Clubs

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



Rob Weltman – Director



Environmental Caucus of The Democratic Party of Hawai'i

To: The Honorable Nicole E. Lowen, Chair; The Honorable Elle Cochran, Vice Chair; and members of the Committee on Energy & Environmental Protection

Re: **HB 346 – RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE**
Hearing: Tuesday, January 31, 2023, 8:30 a.m., Conference 325, via videoconference

Position: **Strong Support**

Aloha, Chair Lowen, Vice Chair Cochran and Members of the Committee on Energy & Environmental Protection:

The Environmental Caucus of the Democratic Party of Hawai'i stands in strong support of HB 346. This measure requires 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; and 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.

The Platform environmental policies of the Democratic Party of Hawai'i are to “protect and preserve Hawai'i's environment and achieve energy sustainability, advance measures to re-establish a healthy climate and environment for humans and fellow species, including actions to urgently address climate change, and work towards 100% renewable energy goals.

We believe that all people have the right to live in a clean, healthy and safe environment. We believe that the preservation of our natural environment and its ecological well-being is essential to ensuring a safe, healthy, bountiful life for future generations in Hawai'i. We support policies that create a more sustainable society. We support the restoration, preservation, and protection of native ecosystems.

We believe in the resource management principles outlined in the Public Trust doctrine of [Article XI, Section 1 of the] Hawai'i State Constitution.

We believe that a key part of a sustainable and self-sufficient future for Hawai'i lies in achieving energy independence through a transition to clean renewable energy sources. We support policy that eliminates our dependence on fossil fuels and other dirty energy sources.” [OUR PLATFORM | DPH \(hawaiidemocrats.org\)](#)

Requiring (1) the design of new state facilities to be electric vehicle charger-ready; (2) the Hawaii state energy office to evaluate the cost for retrofitting existing state facilities to make them electric vehicle charger-ready; and (3) 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 are consistent with the Public Trust Doctrine and the environmental policies of the Democratic Party of Hawaii in achieving fossil fuel independence through the transition to clean renewable energy sources, including the use of EVs and EV charging stations.

/s/ Melodie Aduja and Alan Burdick, Co-Chairs, DPH Environmental Caucus

HB-346

Submitted on: 1/27/2023 9:43:54 PM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Gerard Silva	Individual	Oppose	Written Testimony Only

Comments:

Elictric Vehecals are Useless the battery cost more then the Car. Chargenig takes to long and most of the Cars cannot Travel 100 miles with out Chargeing. This is just a wast of time and a wast of our TAX payer moneys!!!!

HB-346

Submitted on: 1/29/2023 1:15:09 PM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Douglas Perrine	Individual	Support	Written Testimony Only

Comments:

I support HB346. Adoption of electric vehicles in Hawaii is being hampered by a shortage of operable charging stations. Passage of this bill should help to alleviate that situation and help Hawaii achieve its goals with regard to decarbonization of the transportation sector.

HB-346

Submitted on: 1/30/2023 7:58:54 AM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Christine Kinimaka	DAGS	Comments	Remotely Via Zoom

Comments:

Attending on behalf of Comptroller Regan. Written testimony submitted separately for DAGS; available to answer questions.

HB-346

Submitted on: 1/30/2023 8:01:53 AM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Nanette Vinton	Individual	Support	Written Testimony Only

Comments:

Aloha Chair Lowen, Vice-Chair Cochran and EEP committee members,

I am writing in support of House Bill 346, relating to electric vehicle charging infrastructure. This bill represents a significant step forward in our state's efforts to promote sustainability and reduce our dependence on fossil fuels.

As a long-time EV owner, I have seen the growing demand for electric vehicles and the need for accessible and convenient charging options. The requirement for new state facilities to be electric vehicle charger-ready and the evaluation of the cost for retrofitting existing facilities to accommodate electric vehicle charging is commendable and necessary to further the State's clean transportation goals.

I strongly support this bill and urge you to pass it into law. The investment in electric vehicle charging infrastructure is an investment in the future of our state and the health of our planet. Thank you for your consideration.

Sincerely,

Nanette Vinton

Mililani, HI

HB-346

Submitted on: 1/30/2023 7:31:16 PM

Testimony for EEP on 1/31/2023 8:30:00 AM

Submitted By	Organization	Testifier Position	Testify
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.