



## DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

DAVID Y. IGE  
GOVERNOR  
MIKE MCCARTNEY  
DIRECTOR  
CHUNG I. CHANG  
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Statement of  
**MIKE MCCARTNEY**  
Director  
Department of Business, Economic Development, and Tourism  
before the  
**HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION**

Tuesday, February 8, 2022  
8:50 AM  
State Capitol, Conference Room 325

In consideration of  
**HB 2090**  
**RELATING TO ZERO EMISSION TRANSPORTATION.**

Chair Lowen, Vice Chair Marten, and Members of the Committee.

The Department of Business, Economic Development and Tourism (DBEDT) strongly supports this Administrative measure, HB 2090, which establishes a zero-emission transportation rebate program within the Public Utilities Commission to enable low- and moderate-income families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

This bill will support the equitable decarbonization of ground transportation by providing financial assistance to low- and moderate-income families to adopt zero emission vehicles. It is important that we design programs that support participation of harder to reach customer segments as we will need everyone engaged if we are to achieve a net-negative carbon economy as soon as practicable but no later than 2045.

Thank you for the opportunity to testify.

TESTIMONY OF  
JAMES P. GRIFFIN, Ph.D.  
CHAIR, PUBLIC UTILITIES COMMISSION  
STATE OF HAWAII

TO THE  
HOUSE COMMITTEE ON  
ENERGY AND ENVIRONMENTAL PROTECTION

February 8, 2022  
8:50 a.m.

Chair Lowen and Members of the Committee:

**MEASURE:** H.B. No. 2090

**TITLE:** RELATING TO ZERO EMISSION TRANSPORTATION.

**DESCRIPTION:** Establishes a zero-emission transportation rebate program within the Public Utilities Commission to enable low- and moderate-income families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

**POSITION:**

The Public Utilities Commission (“Commission”) supports this administration bill and offers the following comments.

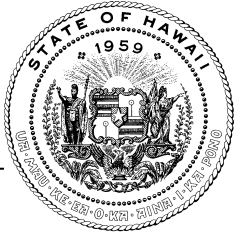
**COMMENTS:**

The Commission supports this measure and believes that it would help to improve access to zero-emission transportation for low- and moderate-income residents.

Since 2019, the Commission has managed the Electric Vehicle Charging System (“EVCS”) Rebate Program in consultation with electric vehicle stakeholders and in cooperation with the program’s administrator, Hawaii Energy. The program has been met with a robust response and has efficiently allocated funds to expand public charging infrastructure in the state. According to Hawaii Energy, the program to date has issued rebates for 43 new Level 2 EVCS installations, 62 Level 2 retrofits, 1 DC fast charger (“DCFC”) installation, and 1 DCFC retrofit. The program also has 30 projects in the pipeline, totaling nearly \$200,000 in rebates.

The Commission believes that a similar rebate program for zero-emission vehicles could help to facilitate state energy goals, while allowing more Hawaii residents to participate in the financial, environmental, and other benefits of zero-emission transportation. Should this measure be adopted, the Commission will work with Hawaii Energy, the Hawaii State Energy Office, and other stakeholders to ensure that the program is efficiently implemented.

Thank you for the opportunity to testify on this measure.



# 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**

Tuesday, February 8, 2022  
Time 8:50 AM  
State Capitol, Conference Room 325 & Videoconference

**SUPPORT  
HB 2090  
RELATING TO ZERO EMISSION TRANSPORTATION.**

Chair Lowen, Vice Chair Marten, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports HB 2090, which establishes a zero-emission transportation rebate program within the Public Utilities Commission to enable low- and moderate-income (LMI) families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

Emissions from ground transportation account for over half of energy emissions as noted in the 2017 Greenhouse Gas Inventory. Ground transportation accounted for forty seven percent of the transportation emissions. For Hawai'i to meet its statutory target "to sequester more greenhouse gases than emitted as soon as practicable but no later than 2045", significant reductions in emissions from ground transportation will need to be made in the near to medium term. For significant reductions to be made all market segments in Hawaii need to be addressed, including LMI households.

Neighborhoods with higher percentages of LMI households generally have a significantly lower adoption rate of electric vehicles (EVs) as a percentage of total vehicles in that neighborhood. The percentage of registered EVs relative to total registered vehicles in zip codes where LMI households make up greater than sixty percent of households is less than half the percentage of registered EVs in zip codes where LMI households make up less than sixty percent of households. This is a telling

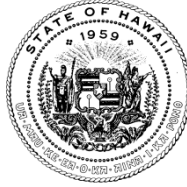
data point when considering where Hawaii currently stands on the equitable transition to a decarbonized ground transportation sector.

For Hawai'i to achieve its goal of a net-negative carbon economy as soon as practicable but no later than 2045 it is essential that everyone is afforded the opportunity to participate in the net-negative carbon economy from an equity, economic, and technical perspective.

HSEO defers to the appropriate agency for comment on the administration of this program addition.

Thank you for the opportunity to testify.

DAVID Y. IGE  
GOVERNOR



**TESTIMONY BY:**

JADE T. BUTAY  
DIRECTOR

Deputy Directors  
ROSS M. HIGASH  
EDUARDO P. MANGALLAN  
PATRICK H. MCCAIN  
EDWIN H. SNIFFEN

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

February 8, 2022  
8:50 A.M.  
State Capitol, Teleconference

**H.B. 2090**  
**RELATING TO ZERO EMISSION TRANSPORTATION**

House Committee on Energy & Environmental Protection

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The Department of Transportation (DOT) **supports** this measure that establishes a rebate program within the Public Utilities Commission to enable low and moderate income families greater access to zero-emission vehicles.

The DOT is committed to meeting the state's clean energy goals and supports the wide-spread adoption of electric vehicles. The department's track record includes a significant purchase of light-duty electric vehicles for its fleet in 2021, with plans to continue to convert its fleet over the next few years. Our current electrification contract for these vehicles enables the DOT to install charging stations and the charging service quickly and efficiently with no upfront equipment costs. There are photovoltaic panels installed at DOT field offices statewide designed to power electric vehicle charging stations in the near future. In addition, the DOT pursues strategies to support expansion of electric vehicle charging facilities across the state.

The DOT supports the Public Utility Commission and the State Energy Office in their effort to improve accessibility to zero-emission vehicles for all residents.

Thank you for the opportunity to provide this testimony.



**Hawaiian  
Electric**

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

**HB 2090**

**Relating to Zero Emission Transportation**

February 8, 2022

8:50 AM, Agenda Item #5

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 HB 2090**, as it seeks to enable families in our community greater access to zero-emission vehicles by establishing a low- to moderate-income zero-emission vehicle rebate program.

Hawaiian Electric Company has a focused support and momentum for the electrification of transportation by providing programs and initiatives such as the Charge Up eBus make ready pilot, electric vehicle (EV) specific rates to encourage daytime charging, a proposal to expand our public charging network, and our recently approved Charge Ready Hawaii pilot that will provide make ready infrastructure for EV charging systems to publicly available commercial properties, fleet owners, and multi-unit dwellings. These programs were designed to provide products, offerings, and benefits to all our customers and anticipate the charging needs for future EV drivers and riders such as low- to moderate-income families and families in rural communities across our service territory.

As the largest provider of EV fast charging in the state, Hawaiian Electric Company remains committed to EV strategies that are sustainable and help create a bridge to a cleaner, more equitable future. Hawaiian Electric Company is in strong support of this bill as it is pivotal for the continued progress already achieved in decarbonizing Hawaii's ground transportation. Thank you for this opportunity to testify.





Before the House Committee on Energy & Environmental Protection  
Tuesday, February 8, 2022 at 8:50am

Testimony on HB2090 relating to Zero Emission Transportation.

Chair Lowen, Vice Chair Marten, and Members of the Committees:

Thank you for the opportunity to provide comments on House Bill 2090. Hawai'i Energy works to empower island families and businesses on behalf of the Hawai'i Public Utilities Commission (PUC) to make smart energy choices to reduce energy consumption, save money, and pursue a 100% clean energy future. Energy efficiency is the cheapest option to help us achieve our 100% clean energy goal by eliminating waste and being more efficient.

Under the Hawai'i Public Utilities Commission's direction, Hawai'i Energy has been managing the electric vehicle charging station (EVCS) rebate program that was initially funded in 2019 by the State Legislature (Act 142), and in 2021, provided continued funding with the passage of House Bill 1142 (Act 75). The incentive was even highlighted by Plug-In America as a main reason why Hawai'i is ranked #14 in its "*Top 25 States Supporting the EV Driver*" report, released last year.<sup>1</sup>

Hawai'i Energy appreciates the efforts made by the State Legislature in this bill to knock down barriers of electric vehicle ownership for low- to moderate-income residents. We support the intent of this bill and encourage flexibility in the program administration, as this would be a new program and there would be the need to determine local market conditions to inform program structure.

Thank you for the opportunity to testify on House Bill 2090.

Sincerely,  
Brian Kealoha  
Executive Director  
Hawai'i Energy

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<sup>1</sup> "*Top 25 States Supporting the EV Driver*," Plug-In America, February 2021 - <https://pluginamerica.org/policy/top-25-states-supporting-the-ev-driver/>

**HB-2090**

Submitted on: 2/6/2022 9:54:09 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Henry Curtis        | Life of the Land    | Support                   | No                                |

Comments:

Life of the Land supports this measure with the Hawaii EV Association suggested amendment

**HB-2090**

Submitted on: 2/6/2022 1:29:37 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| Submitted By | Organization               | Testifier Position | Remote Testimony Requested |
|--------------|----------------------------|--------------------|----------------------------|
| Ted Bohlen   | Climate Protectors Hawai'i | Support            | No                         |

Comments:

To: The Honorable Nicole Lowen, Chair, the Honorable Lisa Marten, Vice Chair, and Members of the House Committee on Energy and Environmental Protection

From: Climate Protectors Hawai'i (by Ted Bohlen)

Re: Hearing HB2090 RELATING TO ZERO EMISSION TRANSPORTATION.

Tuesday February 8, 2022, 8:50 a.m., by videoconference

Aloha Chair Lowen, Vice Chair Marten, and Members of the House Committee on Energy and Environmental Protection!

Position: THE CLIMATE PROTECTORS HAWAI'I **Strongly Supports HB2090!**

In order to mitigate the destructive future impacts of the climate emergency, Hawai'i needs to lead the world by transitioning from gasoline and diesel vehicles to zero-emission vehicles for ground transportation. This bill would provide for rebates to assist low and moderate income families in purchasing zero-emission vehicles. This bill is needed environmentally and will benefit families by reducing the barriers to entry into this market. Please pass this bill!

Mahalo!

Climate Protectors Hawai'i (by Ted Bohlen)



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

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION  
Tuesday, February 8, 2022 — 8:50 a.m.

**Ulupono Initiative supports HB 2090, Relating to Zero-Emission Transportation.**

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; and better management of freshwater and waste.

**Ulupono supports HB 2090**, which establishes a zero-emission transportation rebate program within the Public Utilities Commission (PUC) to enable low- and moderate-income families with greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

Ulupono supports clean, alternative fuel transportation as ground transportation makes up a significant portion of Hawai'i's reliance on imported oil, and is the largest contributor to our State's greenhouse gas emissions. To streamline meeting State climate change goals and sustainability efforts, EV rebates at points of sale have proven to be effective at accelerating the adoption of zero-emission vehicles, especially for low- to moderate-income families.

Although the legislation favors a point-of-sale rebate, our interpretation of this legislation is that it is not a point-of-sale rebate program since applicants submit for a rebate after the purchase or lease. A genuine point-of-sale rebate is one that effectively decreases the purchase price at the time of sale so that the price paid is actually lower than otherwise would have been paid without a rebate. Rather than prescribe these details in the program, we recommend the Legislature simply state that the administrator must implement a point-of-sale rebate program, at least for any new vehicles purchased or leased. Overall, Ulupono supports a program that is as streamlined and user-friendly as possible for both the purchaser and the seller of any vehicle.

We also ask the committee to consider adding e-bikes as a qualifying vehicle, particularly

*Investing in a Sustainable Hawai'i*



since the bill already includes scooters and mopeds. For those that electric automobiles are still economically out of reach, an e-bike can be a much more affordable option that is also less energy-intensive. They also have the added health benefit of allowing the users to incorporate more active transportation modes and be less sedentary in their trips.

As Hawai'i's energy issues become increasingly complex and challenging, we appreciate this committee's efforts to look at policies that support the continued adoption of clean transportation throughout the islands.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata  
Director of Government Affairs

**HB-2090**

Submitted on: 2/6/2022 4:10:23 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b>  | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|----------------------|---------------------------|-----------------------------------|
| laurel brier        | Kauai women's caucus | Support                   | No                                |

Comments:

Electrifying our transportation is a critical step to lowering our GHG emissions and addressing the climate emergency. This bill will help lower income families purchase an EV which will also benefit them with lower maintenance costs



To: The House Committee on Energy and Environmental Protection  
From: Sherry Pollack, 350Hawaii.org  
Date: Tuesday, February 8, 2022, 8:50am

### **In strong support of HB2090**

Aloha Chair Lowen, Vice Chair Marten, 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 is in **strong support of HB2090** that would establish a zero-emission transportation rebate program within the Public Utilities Commission to enable low and moderate-income families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles (ZEVs).

The transportation sector contributes more to the climate crisis than any other sector in Hawaii. Providing incentives that promote the adoption of electric vehicles (EVs) is vital in our strategy for reducing emissions and meeting our emission reduction goals. However, upfront vehicle purchase costs remain a significant barrier to EV ownership in low to moderate income (LMI) households. Incentive programs, especially those with equity-focused components, can help overcome financial barriers and expand EV access for lower-income consumers.

HB2090 increasing access to EVs, and will have long-lasting benefits for low-income households. EVs are less expensive to own and operate over time. This savings will be significant for low-income families that spend a greater share of their income on fuel.

The 'Decade of Action' calls for accelerating sustainable solutions to confront the climate crisis. Ensuring equitable EV access will accelerate Hawaii towards our clean transportation future. Allowing these rebates for EVs for LMI households is one very effective strategy to accomplish that.

Mahalo for the opportunity to testify in **strong support** of this important legislation.

Sherry Pollack  
Co-Founder, 350Hawaii.org

**HB-2090**

Submitted on: 2/7/2022 2:32:53 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b>   | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|-----------------------|---------------------------|-----------------------------------|
| Dave Mulinix        | Our Revolution Hawaii | Support                   | Yes                               |

Comments:

Aloha Chair Lowen, Vice Chair Marten, and Committee Members [Hashem](#), [Matayoshi](#), [Matsumoto](#), [Perruso](#), [Todd](#), [Tokioka](#),

On behalf of Our Revolution Hawaii's 5,000 members & supporters statewide, we stand in Strong Support of HB2090 that establishes a zero-emission transportation rebate program within the Public Utilities Commission to enable low and moderate-income families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

HB2090 is important because providing incentives that promote the adoption of electric vehicles is an important strategy for reducing carbon emissions to meet Hawaii's carbon emission reduction goals.

Please vote in support of HB2090.

Mahalo for your kind attention,

David Mulinix, Organizer & Cofounder

Our Revolution Hawaii



**Hawaii Electric Vehicle Association**  
hawaiiev.org  
info@hawaiieva.com



February 6, 2022

**SUPPORT of HB2090 (RELATING TO ZERO EMISSION TRANSPORTATION)**

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

**Hawaii Electric Vehicle Association SUPPORT of HB2090.**

We support HB2090 because it creates incentives for the purchase of new or pre-owned electric vehicles by low-middle income households and relevant non-profit organizations.

Electric vehicles have come down in price and have become more affordable. However, the cost can still be a significant barrier for low to middle-income families. Additionally, these households may not have the tax liability to leverage federal tax incentives that would, otherwise, offset the cost of a new vehicle.

The rebate proposed by this measure will enable more equitable access to electric vehicles and help Hawaii accelerate its transition to clean transportation. Of course, it will be essential to address the funding sources for this rebate program and ensure that it does not take away from other critical programs.

Sincerely,

A handwritten signature in black ink, appearing to read "Noel Morin".

Noel Morin  
President  
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](http://hawaiiev.org).



**SanHi**

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: February 7, 2022

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

FROM: Tiffany Yajima

RE: **H.B. 2090 – Relating to Zero Emission Transportation**  
**Hearing Date: Tuesday, February 8, 2022 at 8:50 a.m.**  
**Conference Room: Video Conference**

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

On behalf of the Alliance for Automotive Innovation (“Auto Innovators”) we submit this testimony in **support** of H.B. 2090.

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, and yet this number represents only about 5.7% percent of the total number of registered vehicles in Hawaii.

Electric vehicle rebate programs have shown to be effective in encouraging consumers to purchase electric vehicles by bringing down the relatively higher cost of an electric vehicle compared to a gasoline-powered vehicle. Currently, there are 14 states that provide consumer rebates on the purchase or lease of electric vehicles, including California, Massachusetts, Connecticut, New York, New Jersey and Oregon. In California, 54% of EV purchasers surveyed indicated that they would not have purchased an electric vehicle without the state rebate.

In fact, data from states with EV rebates indicates that most EV rebates go to consumers with moderate incomes and toward moderately-priced vehicles. Because the price of electric vehicles is higher than the price of gasoline-powered vehicles, this financial assistance would make electric vehicles more affordable to low- and moderate-income individuals and, overall, would encourage greater adoption of passenger electric vehicles in the state.

The Auto Innovators notes that this rebate is funded by the barrel tax, revenue from which is intended to advance clean energy programs for the state. The Auto Innovators support expanding the use of barrel tax revenue to fund a zero-emission vehicle rebate program and would be interested in working with the Public Utilities Commission, the State Energy Office, the program administrator, and other zero-emission vehicle stakeholders to advance this program for the state.

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



Written Testimony by  
**David H. Rolf, Executive Director, Hawaii Automobile Dealers Association**

for the  
**COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION**

Tuesday, February 8, 2022  
Time 8:50 AM  
State Capitol, via Videoconference  
providing testimony with Support of the Intent of HB2090

**RELATING TO ZERO EMISSION TRANSPORTAION**

Chair Lowen, Vice Chair Marten and members of the committee

HADA supports the intent of HB2090 which seeks to establish a zero-emission transportation rebate program within the Public Utilities Commission to enable low- and moderate-income families greater access to zero-emission vehicles by providing a rebate on the point-of-sale purchase price of zero-emission vehicles.

The additional cost of these electric vehicles compared to similar internal combustion vehicle models has created challenges for some consumers.

The Alliance of Automotive Innovation has stated in recent testimony that "...given that the average (zero emission vehicle) is priced over \$12,000 to a comparable gasoline powered vehicle, many consumers need state-funded purchase rebates to make ZEVs more attractive to potential purchasers."

HADA dealers strongly support the transition to electric vehicles and wholeheartedly agree with the intent in this bill.

An initial concern, however, comes up relating to the bill's reference to motor vehicle financing. The bill proposes to authorize...

j) An organization that the public utilities commission has hired or contracted with to implement and serve as the administrator of the program may offer expanded financing mechanisms for program participants, including a loan or loan-loss reserve credit enhancement program to increase consumer access to new or used light-duty zero-emission vehicles.

## HADA testimony on HB2090 page 2

Terms relating to this provision seem to require definition since “expanded financing mechanisms” and “loan-loss reserve credit enhancement” are not defined.

Another concern is the term “vehicle dealer” –a term which is listed in the bill as being defined in HRS 437-1.1. The term “vehicle dealer” however is not defined in HRS 437-1.1. The bill language states....

"Vehicle dealer" means a "new vehicle dealer" or "used vehicle dealer" as defined in section 437-1.1, or an appropriate entity as identified by the administrator of the program.

Chapter 437--the motor vehicle dealer, motor vehicle salesperson and motor vehicle manufacturer and distributor Act—notes the following:

“The geographical location of Hawaii makes it necessary to ensure that motor vehicles, parts and dependable service are available within the State to protect and preserve the transportation system and the investments of its residents.

The legislature declares that it is necessary to regulate and to license motor vehicle manufacturers, distributors, dealers, salespersons, and auctions in the State in order to prevent frauds, impositions, and other abuses against its residents and to protect and preserve the economy and the transportation system of the State.

HADA’s concern is that the language in this measure raises the possibility that an unlicensed “entity” can be provided the authorization to sell motor vehicles in the state.

Vehicles nowadays, especially zero emission vehicles, have extensive new vehicle warranties provided by licensed manufacturers. There are many issues surrounding the large expensive batteries in zero emission vehicles, which leaves the purchase from a designated “appropriate entity” of particular concern.

HADA testimony on HB2090 page 3

What is needed more than anything is to have all stakeholders working together on a path to EV adoption. HADA's dealers have joined with the National Automobile Dealers Association's position in being "all-in" on electric vehicles.

HADA's dealers look forward to working with all on this transition to a clean energy future for Hawaii.

Thank you for the opportunity to provide testimony on this measure.

**68 new car dealerships, 4,383 direct jobs, \$5.8 billion total sales, \$269 million State Gross Excise Taxes paid**

**HB-2090**

Submitted on: 2/3/2022 4:01:56 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Camile Cleveland    | Individual          | Support                   | No                                |

Comments:

This is a critical measure to ensure equitable access to clean, electric transportation. I fully support this bill.

**HB-2090**

Submitted on: 2/6/2022 12:18:56 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Andrew Richard Kass | Individual          | Support                   | No                                |

Comments:

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

I think this is a very important bill for Hawaii because electric vehicles are cheaper to operate and maintain, in addition to being zero emissions, but they still cost more to purchase, even second hand. I personally own a 5-year-old Nissan Leaf, the kind of vehicle this bill will enable more people to purchase, and it is a great car for commuting and shopping, and it can charge overnight from a regular wall plug (no additional charger needed).

By helping lower-income families get electric vehicles, everyone benefits: the owners get access to cheaper transportation (letting them save additional money), the roads are quieter and cleaner, and Hawaii lowers it's carbon footprint. Best of all, Hawaii is less dependent on oil imports, and electricity can be from local renewable sources.

Thank you for your consideration,

Andrew Kass



**HB-2090**

Submitted on: 2/6/2022 12:54:00 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Noreen Dougherty    | Individual          | Support                   | No                                |

Comments:

Hawaii State House representatives:

I strongly support HB2090.

The cost of living having risen considerably within the last year has made our middle and low income residents more financially stressed than ever. Also, the cost of used cars has skyrocketed.

What I have noticed over the years is that low income individuals are forced to by used old cars. Many are hazardous to the environment with emmissions, oil leaks, and other problems. These vehicles, due to their age and condition, are often in need of costly repairs. The owners of these vehicles are stressed.

I am strongly in support of incentives that can help enable low and middle income families acquire vehicles that are environmentally friendly. Without wasting their money on repairs and keeping the vehicle going with gas, the owners are more likely to be able to handle payments on a new vehicle.

Please support HB2090

Noreen Dougherty

Kapaa, Hawaii

**HB-2090**

Submitted on: 2/6/2022 2:03:49 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Justin R Carvalho   | Individual          | Support                   | No                                |

Comments:

A rebate program for low and middle income earners would be helpful in bridging the gap for these individuals to be able to afford clean and reliable transportation.

**HB-2090**

Submitted on: 2/6/2022 4:25:01 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Gerard Silva        | Individual          | Oppose                    | No                                |

Comments:

Stop lying to the people. None off you will be left in Office!!

**HB-2090**

Submitted on: 2/6/2022 4:55:36 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Roseann Michaud     | Individual          | Support                   | No                                |

Comments:

I strongly support this bill that encourages more people to buy electric vehicles by providing a rebate. Promoting EVs will help us reduce emissions and meet our emission reduction goals.



2022/02/06

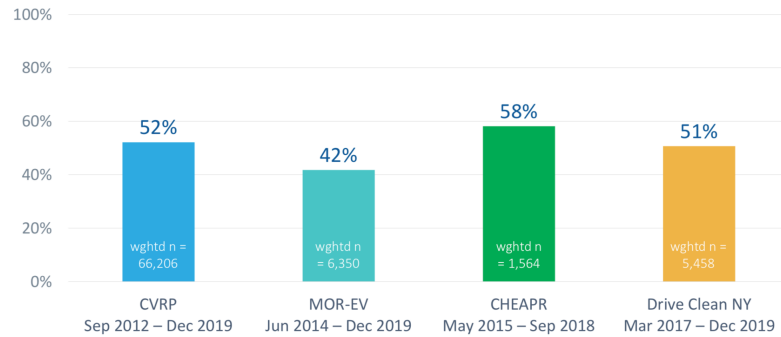
**Support of HB2090**

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

I am writing on behalf of KauaiEV, a grassroots organization with over 100 members on Kauai. Our members are electric vehicle drivers and we believe that EVs are the personal transportation of the future. We are in **strong support of HB2090**.

Purchase rebates for low- and moderate-income buyers are a great strategy for EV market transformation, and will also help struggling families to lower their transportation costs, as EVs are cheaper to maintain and to fuel.

Would **not** have purchased/leased their clean vehicle **without rebate**



*Weighted n values are question-specific.  
Overall datasets: 80,557 total survey respondents weighted to represent 380,700 rebate recipients.*

Rebates work. 42% to 58% of the rebate recipients in California and other states would not have purchased their clean vehicle without the rebate. This screenshot is from the Center for Sustainable Energy’s presentation ["Data from Statewide Electric Vehicle Rebate Programs: Vehicles, Consumers, Impacts and Effectiveness"](#).

Low income households tend towards purchasing used cars, as they are more affordable and it is great that this rebate program will also incentivize used vehicles.

Purchase rebates are preferable because they ensure equitable access and eliminate a car buyer’s uncertainty over whether they will qualify for a tax credit and eliminate the wait.

The only recommendation we have is to shorten the payment period, or even advance the money, so it could be used as a downpayment. 60 days might be a long waiting time for people who have to budget carefully.

Mahalo, for your consideration,

Sonja Kass, President KauaiEV

**HB-2090**

Submitted on: 2/6/2022 11:53:54 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Andrea Nandoskar    | Individual          | Support                   | No                                |

Comments:

Strongly support.

Mahalo for your consideration!

**HB-2090**

Submitted on: 2/7/2022 5:35:43 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| Submitted By | Organization | Testifier Position | Remote Testimony Requested |
|--------------|--------------|--------------------|----------------------------|
| Travis Idol  | Individual   | Support            | No                         |

Comments:

**I am the President of Hawaii Interfaith Power and Light (HIPL), a local nonprofit dedicated to helping religious people and communities in Hawaii respond to the climate crisis according to their religious beliefs, values, and vision for the future.**

**HIPL is in support of HB2090, a bill to establish a zero-emission transportation rebate program within the Public Utilities Commission. This is an important incentive to increase the ability of low- and moderate-income households to participate in our transition to zero-emission transportation. Providing incentives that promote the adoption of electric vehicles (EVs) is vital in our strategy for reducing emissions and meeting our emission reduction goals, including clean transportation.**

**Providing rebates for EVs for low to moderate income households would increase equity in access and help speed up the transition to our clean transportation future. Higher income households tend to be early adopters of these technologies. Targeting rebates and incentives for lower income households shows compassion and attention to the needs of these households, helps them participate in the renewable energy revolution and feel like they are part of the solution and contributing to a more sustainable future for us, our children, and future generations.**

**EVs are less expensive to own and operate over time. This savings will be significant for low-income families that spend a greater share of their income on fuel and vehicle maintenance.**

**The innovative plans to use EVs as mobile backup power for intermittent renewable energy systems also encourages these households to participate in this revolution in other ways, as well. Having more EVs in lower-income neighborhoods will thus expand and accelerate the renewable energy revolution throughout our island community.**

**We urge you to support HB2090.**

**HB-2090**

Submitted on: 2/7/2022 5:39:16 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Caroline Kunitake   | Individual          | Support                   | No                                |

Comments:

Dear Chair Lowen, Vice Chair Marten and the Committee on Energy & Environmental Protection,

I support HB2090 creates EV purchase incentives for low to middle income households and relevant non-profits which will increase equity in access as we transition to clean transportation.

EVs are less expensive to own and operate over time. This savings will be significant for low-income families that spend a greater share of their income on fuel.

Please support HB2090.

Thank you for your time and attention to this important matter.

Mahalo,

Caroline Kunitake



**HB-2090**

Submitted on: 2/7/2022 7:01:36 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Janet L Pappas      | Individual          | Support                   | No                                |

Comments:

This bill will speed up our transition away from fossil fuels. Please support HB2090.

**HB-2090**

Submitted on: 2/7/2022 7:35:34 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Lana Brodziak       | Individual          | Support                   | No                                |

Comments:

Please support incentives for EVs.

Incentives for energy conservation and solar production have been proven to be cost-effective methods for reducing carbon emissions.

Both Federal and State governments have provided incentives in forms of a rebate for many products and services to both commercial and private interests for many decades.

Please continue with this tradition by supporting this bill. Mahalo!

**HB-2090**

Submitted on: 2/7/2022 7:58:42 AM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b> | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|---------------------|---------------------|---------------------------|-----------------------------------|
| Matthew Geyer       | Individual          | Support                   | Yes                               |

Comments:

I am testifying in support of HB2090 which aims to help low income families take part in the EV revolution and enjoy less maintenance, lower operating costs, and no polluting tail pipe fumes.

Thank you for hearing and supporting this measure.

**HB-2090**

Submitted on: 2/7/2022 3:06:06 PM

Testimony for EEP on 2/8/2022 8:50:00 AM

| <b>Submitted By</b>         | <b>Organization</b> | <b>Testifier Position</b> | <b>Remote Testimony Requested</b> |
|-----------------------------|---------------------|---------------------------|-----------------------------------|
| Sharon Geiken<br>Westerberg | Individual          | Support                   | No                                |

Comments:

2022/02/06

**Support of HB2090**

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

I support HB2090. There are a lot of people that want to switch to electric vehicles and lower their carbon footprint. In order to succeed with the conversion of fossil fuel to electric vehicles, we need to make it possible for lower and moderate income people. The rebates would make this possible.

Thank you for your consideration of this bill and my testimony.

Sharon Geiken Westerberg