



DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR

**STATE OF HAWAII
OFFICE OF THE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS**

335 MERCHANT STREET, ROOM 310
P.O. BOX 541
HONOLULU, HAWAII 96809
Phone Number: 586-2850
Fax Number: 586-2856
cca.hawaii.gov

CATHERINE P. AWAKUNI COLÓN
DIRECTOR

JO ANN M. UCHIDA TAKEUCHI
DEPUTY DIRECTOR

Testimony of the Department of Commerce and Consumer Affairs

**Before the
House Committee on Energy & Environmental Protection
Thursday, March 24, 2022
10:00 AM
Conference Room 325 & Videoconference**

**On the following measure:
HCR47/ HR42, REQUESTING THE HAWAII STATE ENERGY OFFICE TO CONVENE
A WORKING GROUP TO EXAMINE ISSUES AND BARRIERS TO THE
INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT
DWELLINGS AND MAKE RECOMMENDATIONS REGARDING CHANGES TO
STATUTES, RULES, AND OTHER GUIDANCE TO HELP CLARIFY AND
FACILITATE THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS
IN MULTI-UNIT DWELLINGS**

Chair Lowen and Members of the Committee:

My name is Dean Nishina, and I am the Executive Director of the Department of Commerce and Consumer Affairs' (Department) Division of Consumer Advocacy. The Department appreciates the intent and offers comments on this resolution.

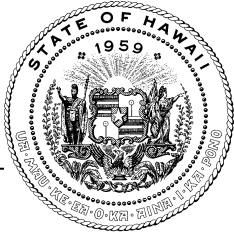
The purpose of this resolution is to request the Hawaii State Energy Office (HSEO) to convene a working group to examine issues and barriers to the installation of electric vehicle charging systems in multi-unit dwellings and make recommendations regarding changes to statutes, rules, and other guidance to help clarify and facilitate the installation of electric vehicle charging systems in multi-unit dwellings.

The Department recognizes the benefits of electric vehicles has on helping Hawaii with its climate goals, especially since the transportation sector represents the

largest contributor to carbon emissions, including motor vehicles. For that reason, the Department supports the exploration of how electric vehicles (EV) and EV charging can be encouraged in an equitable and cost-effective manner, where EVs and EV charging will be broadly accessible, affordable without requiring vulnerable customers to bear the burden of supporting the costs without being able to benefit from such efforts, and to allow EV charging to benefit the grid. Therefore, while the Department defers to HSEO about convening a working group per this resolution, the Department believes it is reasonable to better understand barriers and issues that may inhibit the installation of electric vehicle charging systems in multi-unit dwellings and determine possible changes to support the cost-effective and equitable installation of EV charging infrastructure.

The Department also offers that the Hawaii Public Utilities Commission (Commission) is currently investigating the facilitation of electric vehicle charging within the context of current statutes and rules in various proceedings such as, Docket Nos. 2018-0088, 2018-0135, 2020-0152, and 2021-0173, to name examples. Further, the Department - as well as HSEO - participates in the Drive Electric Hawaii initiative that is exploring similar issues. Thus, the Department looks forward to collaborating with the proposed working group to take advantage of the work already done and is being done by the Drive Electric Hawaii Initiative as well as the Commission.

Thank you for the opportunity to testify on this resolution.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

DAVID Y. IGE
GOVERNOR

SCOTT J. GLENN
CHIEF ENERGY OFFICER

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

Telephone:
Web:

(808) 587-3807
energy.hawaii.gov

Testimony of
SCOTT J. GLENN, Chief Energy Officer

before the
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Thursday, March 24, 2022
Time 10:00 AM
State Capitol, Conference Room 325 & Videoconference

**SUPPORT
HCR 47 / HR 42
REQUESTING THE HAWAII STATE ENERGY OFFICE TO CONVENE A WORKING
GROUP TO EXAMINE ISSUES AND BARRIERS TO THE INSTALLATION OF
ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS AND
MAKE RECOMMENDATIONS REGARDING CHANGES TO STATUTES, RULES,
AND OTHER GUIDANCE TO HELP CLARIFY AND FACILITATE THE
INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT
DWELLINGS.**

Chair Lowen, Vice Chair Marten, and Members of the Committee, the Hawai'i State Energy Office (HSEO) offers support with comments on HCR 47 / HR 42, which requests the Hawaii State Energy Office to convene a working group to examine issues and barriers to the installation of electric vehicle charging systems in multi-unit dwellings (MUDs) and make recommendations regarding changes to statutes, rules, and other guidance to help clarify and facilitate the installation of electric vehicle charging systems in multi-unit dwellings.

Emissions from transportation account for the largest share of energy sector emissions in the state. As noted in the 2017 Greenhouse Gas Inventory, transportation emissions in Hawai'i account for 51 percent of total energy sector emissions. A coordinated effort is needed amongst a wide range of stakeholders to continue meaningful progress on clean transportation. Ensuring access for residents of MUDs to fuel their zero-emission vehicles is necessary to maintain momentum in the

decarbonization of ground transportation. Access to charging infrastructure is improving but remains one of the significant barriers to electric vehicle (EV) adoption.

HSEO offers the following comments regarding leading the working group to examine EV charging in MUDs. HSEO notes there are currently no generally funded transportation positions within HSEO to support leading this working group. The House of Representatives proposes in HB 1600 HD1 to provide funding and a position for a transportation specialist in HSEO, which would enable HSEO to support a working group such as this should that budget become adopted into law.

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

March 24, 2022
10:00 a.m.

Chair Lowen and Members of the Committee:

MEASURE: H.C.R. No. 47 / H.R. 42

TITLE: REQUESTING THE HAWAII STATE ENERGY OFFICE TO CONVENE A WORKING GROUP TO EXAMINE ISSUES AND BARRIERS TO THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS AND MAKE RECOMMENDATIONS REGARDING CHANGES TO STATUTES, RULES, AND OTHER GUIDANCE TO HELP CLARIFY AND FACILITATE THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS.

POSITION:

The Public Utilities Commission (“Commission”) offers the following comments for consideration.

COMMENTS:

The Commission supports the intent of these resolutions to examine barriers to the installation of electric vehicle charging systems and develop recommendations to resolve any identified issues.

The Commission notes that it recently approved Hawaiian Electric’s (“Companies”) “Charge Ready Hawai’i” Pilot Project. This program proposes installing make-ready infrastructure to enable an estimated 180 charging points in the Companies’ service territories. This is intended to support customer installation of electric vehicle charging infrastructure at commercial sites, multi-unit dwellings, and fleet parking locations. The program intends to reduce upfront costs for customers seeking to install charging

infrastructure by providing make-ready infrastructure at the Companies' expense. In its approval order, the Commission "encourage[d] the Companies to deploy infrastructure in underserved communities and to prioritize when possible, sites that provide unrestricted public access to charging facilities."¹

The Commission is willing to work with the Hawaii State Energy Office (HSEO) on the efforts proposed in these resolutions and defers to HSEO on the specific contents of the resolutions.

Thank you for the opportunity to testify.

¹ [Decision & Order No. 38194](#), at 40.



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: March 22, 2022

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

FROM: Tiffany Yajima

RE: **HCR47 – REQUESTING THE HAWAII STATE ENERGY OFFICE TO CONVENE A WORKING GROUP TO EXAMINE ISSUES AND BARRIERS TO THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS AND MAKE RECOMMENDATIONS REGARDING CHANGES TO STATUTES, RULES, AND OTHER GUIDANCE TO HELP CLARIFY AND FACILITATE THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS.**

Hearing Date: Thursday, March 24, 2022 at 10:00 a.m.
Conference Room: 325

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

On behalf of the Alliance for Automotive Innovation (“Auto Innovators”) we submit this testimony in support of HCR 47 which requests the State Energy Office to convene a working group on electric vehicle charging systems in multi-unit dwellings and to make recommendations to facilitate the installation of EV charging systems in these housing communities.

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.

Automobile manufacturers are already transitioning toward an electric future and a new generation of ZEVs is coming with 130 models expected for sale in the U.S. market by 2026, up from over 50 models today. While there is a growing interest in electric vehicles, Hawaii’s charging infrastructure is lacking, and presents a key barrier to broader EV adoption. Many Hawaii residents live in apartments, condominiums and multi-unit dwellings that cannot support electric vehicle charging at home, and without sufficient at-home charging infrastructure drivers are hesitant to invest in electric vehicles that cannot be easily refueled. This measure supports the build-out of EV charging infrastructure in new residential properties to prepare communities for the transition to electric vehicles.

Auto Innovators participated as a resource panelist several years ago when the state convened a similar working group to study this issue, and remain ready and willing to support the State Energy Office and this working group as a resource member to provide input on technical specifications and other recommendations for EV charging infrastructure.

Thank you for the opportunity to submit this testimony.



**Hawaiian
Electric**

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

HCR 47 / HR 42

REQUESTING THE HAWAII STATE ENERGY OFFICE TO CONVENE A WORKING GROUP TO EXAMINE ISSUES AND BARRIERS TO THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS AND MAKE RECOMMENDATIONS REGARDING CHANGES TO STATUTES, RULES, AND OTHER GUIDANCE TO HELP CLARIFY AND FACILITATE THE INSTALLATION OF ELECTRIC VEHICLE CHARGING SYSTEMS IN MULTI-UNIT DWELLINGS.

March 24, 2022
10:00 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 providing testimony **in support with comments for HCR 47 / HR42** as it supports the installation of additional and reliable electric vehicle (EV) infrastructure for those living in multi-unit dwellings. As one of the major electric utility and public EV charging providers in the state, the Company asks to be included as a member of the working group.

Hawaiian Electric is diligently working to support the electrification of transportation and through the Electric Vehicle Critical Backbone Study forecasted the need of seven-times more public charging by 2030 and an even greater need for private commercial and residential charging. This insight helped the Company focus its support and momentum for electrification of transportation through programs and initiatives such

as EV-specific rates to encourage daytime charging, the Charge Up eBus make ready pilot, a proposal to expand our public charging network, and our recently approved Charge Ready Hawaii pilot. The Charge Ready Hawaii pilot will provide make ready infrastructure for EV charging systems and focuses on publicly available commercial properties, fleet owners, and multi-unit dwellings. The 3-year pilot will provide valuable insight into the make ready infrastructure process and integration of EV charging stations. Additionally, lessons learned from the pilot will help to inform the proposed working group by identifying barriers, providing technical solutions, and identifying use cases for multi-unit dwelling customers. Hawaiian Electric is supportive of efforts that encourage the planning for and installation of EV infrastructure in these key locations as it will help to serve EV charging needs of current and future EV drivers.

Thank you for this opportunity to testify.

HCR-47

Submitted on: 3/22/2022 1:10:08 PM

Testimony for EEP on 3/24/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Ted Bohlen	Climate Protectors Hawai'i	Support	Written Testimony Only

Comments:

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

The Climate Protectors Hawai'i **strongly supports** HCR47 and HR44. Hawai'i needs to transition to electric vehicles in order to reduce its greenhouse gas emissions in this climate emergency.

It is challenging to provide electric vehicle charging infrastructure in multi-unit housing. This resolution is a good first step toward understanding those challenges and considering how to overcome them.

Please pass this resolution!

Mahalo!

Climate Protectors Hawai'i (by Ted Bohlen)



Email: communications@ulupono.com

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION
Thursday, March 24, 2022 — 10:00 a.m.

Ulupono Initiative supports HCR 47, Requesting the Hawai'i State Energy Office to Convene a Working Group to Examine Issues and Barriers to the Installation of Electric Vehicle Charging Systems in Multi-Unit Dwellings and Make Recommendations Regarding Changes to Statutes, Rules, and Other Guidance to Help Clarify and Facilitate the Installation of Electric Vehicle Charging Systems in Multi-Unit Dwellings.

Dear Chair Lee 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 HCR 47. Ulupono supports clean, alternative fuel transportation as ground transportation makes up a significant portion of Hawai'i's reliance on imported oil. We support Hawai'i's reduction of fossil fuel use as we strive to meet the State's 100% renewable energy goal and its carbon net neutral goal by 2045.

We appreciate that this resolution seeks to convene a working group to examine multi-unit dwelling EV charging access. We believe that this group can be helpful to identify the various barriers that may exist and to offer a diverse set of solutions to support community EV adoption for multi-unit dwellings.

We ask this committee to consider adding another member from the EVCS industry and including the utility in the working group. Additionally, it may be beneficial for the working group also to assess alternatives to retrofitting buildings, while still ensuring residents have convenient access to EV charging.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata
Director of Government Affairs

Investing in a Sustainable Hawai'i

HCR-47

Submitted on: 3/23/2022 9:52:32 AM

Testimony for EEP on 3/24/2022 10:00:00 AM

Submitted By	Organization	Testifier Position	Testify
Sandie Wong	Tesla	Support	Remotely Via Zoom

Comments:

Testa supports and respectfully request to be a designated member of the working group. Thank you.