



# HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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

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

Thursday, February 1, 2024  
9:30 AM  
State Capitol, Conference Room 325 and Videoconference

In Support of  
**HB 2012**

## **RELATING TO ELECTRIC VEHICLE PARKING.**

Chair Lowen, Vice Chair Cochran, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports HB 2012. This measure does two important things. It removes an exemption allowing owners of multiple parking facilities within the State to designate and electrify fewer parking spaces than required in one or more of the properties if the total number of aggregate spaces on all of their owned properties was met. It also authorizes the counties to adopt ordinances to regulate electric vehicle charging systems for places of public accommodation with less than one hundred parking spaces.

To decarbonize our economy and meet Hawai'i's goal of reducing carbon emission to 50% by 2030, and a net negative carbon economy by 2045, Hawai'i will need significant reductions in emissions from ground transportation. HSEO's Hawai'i Pathways To Decarbonization, Act 238, Session Laws Of Hawai'i 2022 highlights transitioning toward Zero Emission Vehicles as one of the two major facets to reducing emissions in ground transportation. This includes promoting the transition to battery electric vehicles (BEVs) which can significantly reduce emissions from vehicle operation<sup>1</sup>.

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<sup>1</sup> Page 104, 2. Transitioning toward Zero Emission Vehicles a) Transition to Zero-Emission Vehicles (ZEVs): Promoting the transition to battery electric vehicles (BEVs) can significantly reduce emissions from vehicle operation.

This measure supports deployment of charging infrastructure necessary to meet Hawai'i's 2030 and 2045 goals. Simply put, Hawai'i's EV charging capacity has not kept up with Hawai'i's level of EV adoption. A study by the California Energy Commission (CEC) concluded that a ratio of 7 EVs per public charger is needed to support the EV market. Hawai'i currently has 35 registered EVs per public charger<sup>2</sup>. The significant spread between current conditions in Hawai'i and the CEC's estimate is evidence that significant investment in charging infrastructure is required. Enabling the counties to enforce existing EV charging requirements is a positive step towards closing the gap in public charging infrastructure.

Thank you for the opportunity to testify.

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<sup>2</sup> From Alliance for Automotive Innovation "Get Connected Electric Vehicle Quarterly Report, Second Quarter, 2023"