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Testimony of
MARK B. GLICK, Chief Energy Officer

before the
HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Thursday, February 8, 2024
9:30 AM
State Capitol, Conference Room 325 and Videoconference

Providing Comments on
HB 1890

RELATING TO NOISE POLLUTION.

Chair Lowen, Vice Chair Cochran, and Members of the Committee, the Hawaii State Energy Office (HSEO) provides comments on HB 1890 which prohibits retailers from selling or offering for sale certain combustion engine-powered mopeds beginning 1/1/2026.

HSEO supports the key objectives of this bill, in particular the move away from combustion-engine ground transportation to electrified transportation. Ground transportation remains a substantial contributor to greenhouse gas emissions. In 2019, ground transportation contributed 4.03 MMT CO₂e, making up 18.3% of the aggregated gross total of 22.01 MMT CO₂e emissions in the state.¹ For Hawaii to meet its statutory target “to sequester more greenhouse gases than emitted as soon as practicable but no later than 2045”, programs that support the adoption of cleaner transportation options – including zero-emission micro-mobility alternatives such as electric mopeds - are necessary and important.²

¹ State of Hawaii, Department of Health. Greenhouse Gas Inventory [Hawai'i Greenhouse Gas Emissions Report for 2005, 2018, and 2019 \(hawaii.gov\)](#)

² Hawai'i State Energy Office (2023). [Hawai'i Pathways to Decarbonization, Act 238 Report to the 2024 Hawai'i State Legislature \(Act 238 Report\)](#)

HSEO also recognizes that the current available electric moped models may not offer a true replacement to combustion-engine mopeds on critical adoption factors such as cost, range, and charging times and is researching the availability of models on island. HSEO also notes that combustion-engine mopeds offer greater energy efficiency on a miles per gallon basis when compared to other ICE vehicles and therefore movement from single occupancy vehicles to mopeds in general supports a less energy intensive mode of transportation.

Thank you for the opportunity to testify.