

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
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WRITTEN TESTIMONY
OF
KEITH A. REGAN, COMPTROLLER
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
TO THE COMMITTEES ON

**TRANSPORTATION
AND
LABOR & GOVERNMENT OPERATIONS**

S.C.R. 98 / S.R. 91

MARCH 28, 2023, 3:45 P.M.
CONFERENCE ROOM 224 AND VIA VIDEOCONFERENCE, STATE CAPITOL

URGING THE DEPARTMENT OF TRANSPORTATION AND DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES TO COLLABORATE TO DEVELOP, IMPLEMENT, ADMINISTER, AND MANAGE VARIOUS TRANSPORTATION SYSTEM PROGRAMS AT PUBLIC FACILITIES THAT INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION OR CONVERSION OF PARKING STALLS TO ACCOMMODATE ELECTRIC VEHICLE CHARGING, SECURE BICYCLE STORAGE LOCKERS, AND PARKING STALL SHARING BETWEEN PUBLIC EMPLOYEES.

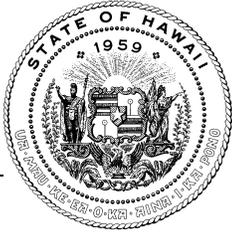
Chairs Lee and McKelvey, Vice Chairs Inouye and Gabbard, and Members of the Committees, thank you for the opportunity to testify on S.C.R. 98 / S.R. 91.

The Department of Accounting and General Services (DAGS) offers **comments** for S.C.R. 98 and S.R. 91, which enables parking stall sharing for public employees and conversion of parking stalls to accommodate electrical vehicle charging. While DAGS supports the intent of these resolutions, we offer the following comments:

1. DAGS does not manage all state public or employee parking. Therefore, DAGS would only be able to implement upgrades or new parking requirements for DAGS-managed parking facilities.

2. Regarding stall sharing among state employees. Historically, AMD supported carpooling but found it was neither efficient nor enforceable. AMD received numerous employee complaints regarding the lack of available stalls due to employees who were supposed to carpool but were not. Multiple members of the same carpool were parking their cars in lots simultaneously, which led to the parking lots being over capacity based on the number of stalls being sold. AMD lacks the staffing and monitoring resources necessary for effective enforcement against those who would abuse the carpooling fee benefits.
3. The conversion of all existing parking stalls to be electric vehicle charging ready will be challenging, and in many cases not feasible, due to the extent of work required to run power infrastructure to each stall. The capacity of the electrical power system to accommodate the additional power demands at each affected facility would also have to be evaluated on a facility-by-facility basis, and provision of funding for any required power system upgrades would be necessary.
4. The installation of bike lockers is worthy of consideration but funding would be required for the planning, acquisition and installation of the bike lockers.

Thank you for this opportunity to testify on this matter.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

JOSH GREEN, M.D.
GOVERNOR

MARK B. GLICK
CHIEF ENERGY OFFICER

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Testimony of
MARK B. GLICK, Chief Energy Officer

LATE

before the
**SENATE COMMITTEES ON TRANSPORTATION AND CULTURE AND THE ARTS
AND
GOVERNMENT OPERATIONS**

Tuesday, March 28, 2023
3:45 PM
State Capitol, Conference Room 224 and Videoconference

Providing COMMENTS on
SCR 98 / SR 91

URGING THE DEPARTMENT OF TRANSPORTATION AND DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES TO COLLABORATE TO DEVELOP, IMPLEMENT, ADMINISTER, AND MANAGE VARIOUS TRANSPORTATION SYSTEM PROGRAMS AT PUBLIC FACILITIES THAT INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION OR CONVERSION OF PARKING STALLS TO ACCOMMODATE ELECTRIC VEHICLE CHARGING, SECURE BICYCLE STORAGE LOCKERS, AND PARKING STALL SHARING BETWEEN PUBLIC EMPLOYEES.

Chairs Lee and McKelvey, Vice Chairs Inouye and Gabbard, and Members of the Committees, the Hawai'i State Energy Office (HSEO) provides comments on SCR 98 / SR 91, which urges the Department of Transportation and Department of Accounting and General Services to collaborate to develop, implement, administer, and manage various transportation system programs at public facilities that include but are not limited to construction or conversion of parking stalls to accommodate electric vehicle charging, secure bicycle storage lockers, and parking stall sharing between employees. HSEO's comments are guided by its mission to promote energy efficiency, renewable energy, and clean transportation to help achieve a resilient, clean energy, decarbonized economy.

This measure addresses multiple policy objectives, including reducing oil price volatility and decarbonizing our transportation sector. Emissions from ground transportation account for more than half of energy emissions as reported in the

Greenhouse Gas Emissions Report for 2017.¹ Vehicle miles traveled (VMT), a metric that correlates with GHG emissions from ground transportation, has increased by over 30% since 2000.² For Hawaii 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 will need to be made in the near to medium term. SCR 98 / SR 91 supports flexible parking options, the provision of electric vehicle charging infrastructure, and secure bike parking, which can reduce VMT, and thus petroleum fuel use, from internal combustion engine (ICE) vehicles and associated emissions.

The majority of trips taken in Hawaii are short trips, the ideal trip to be made via walking, biking, rolling, and/or transit. According to the *Drivers of VMT and Priority Reduction Strategies Report for Hawaii*, 30% of all trips made are under 1 mile, 60% of trips made are under 3 miles, and 70% of trips made are under 5 miles.³ Providing secure bike parking for public employees and those living in new public housing developments, people are incentivized to swap short trips in a car for trips that can be made via bike, particularly those 60% of trips that are under 3 miles.

Adequate workplace EV charging is critical to support the growing market for electric passenger vehicles during the time of day when solar energy is most abundant. It also provides an opportunity for residents of multi-unit developments where home charging is more challenging. Enabling public employees to share workplace parking spaces will also allow parking facilities to be used more efficiently. Shared parking provides employees flexibility and a financial incentive to only drive to work when needed. If parking supply is not increased, shared parking can reduce vehicle miles traveled and fuel use, emissions, parking facility costs, traffic congestion, employee parking costs, and increase transportation choices.⁴

Thank you for the opportunity to testify.

¹ https://health.hawaii.gov/cab/files/2021/04/2017-Inventory_Final-Report_April-2021.pdf

² <https://dbedt.hawaii.gov/economic/databook/db2021/>

³ “Drivers of VMT and Priority Reduction Strategies for Hawaii.” State Smart Transportation Initiative. 2022.

⁴ <https://www.vtpi.org/tdm/tdm89.htm>



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SENATE COMMITTEE ON TRANSPORTATION
SENATE COMMITTEE ON GOVERNMENT OPERATIONS
Tuesday, March 28, 2023 – 3:45Pm

Hawai'i Bicycling League supports SCR 98 / SR 91

Aloha Chairs Lee and McKelvey, Vice Chairs Inouye and Gabbard, and Committee Members,

My name is Travis Counsell, and I am the Executive Director of the Hawai'i Bicycling League (HBL). We are a non-profit organization founded in 1975 with the mission of enabling more people to ride bicycles for health, recreation, and transportation. We strive to create communities across our islands that have safe, accessible, and inclusive environments for people to bike, walk, and roll. This means creating infrastructure that is designed for all users with safety as a top priority.

Hawai'i Bicycling League strongly supports SCR 98 / SR 91, urging the Department of Transportation and Department of Accounting and General Services to collaborate to develop, implement, administer, and manage various transportation system programs at public facilities that include but are not limited to construction or conversion of parking stalls to accommodate electric vehicle charging, secure bicycle storage lockers, and parking stall sharing between public employees.

HBL is focused on the bicycle parking components of this resolution. Safe and secure bike parking is a frequent concern of people who ride bicycles, and often cited as a reason people do not ride a bike to work or for errands. This resolution would provide for bicycle storage lockers at public parking areas for public employees. Bicycle storage lockers provide safe and secure storage and drastically reduce bicycle theft. This resolution would help to reduce the perceived barriers that prevent people from riding bicycles for health, recreation, and transportation.

Mahalo for the opportunity to provide testimony. Please support SCR 98 / SR 91 and support better bicycle parking options.

Ride Aloha,

Travis L. Counsell
Executive Director
Hawai'i Bicycling League