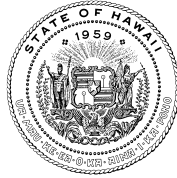


JOSH GREEN, M.D.
GOVERNOR
KE KIA'ĀINA



KEITH A. REGAN
COMPTROLLER
KA LUNA HO'OMALU HANA LAULĀ

MEOH-LENG SILLIMAN
DEPUTY COMPTROLLER
KA HOPE LUNA HO'OMALU HANA LAULĀ

STATE OF HAWAII | KA MOKU'ĀINA O HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES | KA 'OIHANA LOIHELU A LAWELAWE LAULĀ
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

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

COMMITTEE ON GOVERNMENT OPERATIONS

MARCH 31, 2026, 3:00 P.M.
CONFERENCE ROOM 225 AND VIA VIDEOCONFERENCE, STATE CAPITOL

S.C.R. 86 / S.R. 77

REQUESTING ALL STATE AGENCIES TO UTILIZE BI-LEVEL LIGHTING SYSTEMS
IN ALL NEWLY CONSTRUCTED STATE BUILDINGS AND FACILITIES BEGINNING
JANUARY 1, 2027.

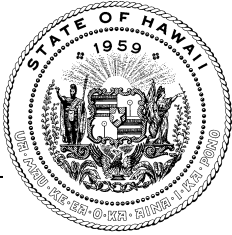
Chair McKelvey, Vice Chair Gabbard, and members of the Committee, thank you
for the opportunity to submit testimony on S.C.R. 86 / S.R. 77.

The Department of Accounting and General Services (DAGS) offers **comments**
on this resolution requesting that all state agencies utilize bi-level lighting systems in all
newly constructed state buildings and facilities beginning January 1, 2027.

The department notes that buildings and facilities currently slated to be
constructed on or after January 1, 2027, may not have been designed to utilize bi-level
lighting and may not be adequately funded to accommodate re-design for such use, or
may be delayed while re-design for such use is accomplished. The department also
notes that the opportunity for agencies to request any required funding will not again be

presented until the calendar year 2027 legislative session and, if appropriated, such funding would not become available until the first quarter of fiscal year 2028. Therefore, the department respectfully suggests that the resolution be revised to request that state buildings and facilities, the design of which is finalized on or after January 1, 2028, use bi-level lighting. The revised language will enable agencies to request and receive any required funding and to incorporate bi-level lighting design elements.

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



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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JOSH GREEN, M.D.
GOVERNOR

SYLVIA LUKE
LT. GOVERNOR

MARK B. GLICK
CHIEF ENERGY OFFICER

(808) 451-6648
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Testimony of
MARK B. GLICK, Chief Energy Officer

before the
SENATE COMMITTEE ON GOVERNMENT OPERATIONS

Tuesday, March 31, 2026
3:00 PM
State Capitol, Conference Room 225 and Videoconference

In Support of
SCR 86

REQUESTING ALL STATE AGENCIES TO UTILIZE BI-LEVEL LIGHTING SYSTEMS IN ALL NEWLY CONSTRUCTED STATE BUILDINGS AND FACILITIES BEGINNING JANUARY 1, 2027.

Chair McKelvey, Vice Chair Gabbard, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports SCR 86, which requests all state agencies to utilize bi-level lighting systems in all newly constructed state buildings and facilities beginning January 1, 2027.

Bi-level lighting systems have proven to be cost-effective in large commercial buildings. Depending on the application and occupancy, the energy savings can range from 30-80% compared to systems without occupancy controls, in areas such as stairwells, common area corridors, parking garages, and loading docks.

While HSEO is fully supportive of this measure, it is important to recognize that the successful implementation of bi-level lighting systems may require adequate upfront investments for equipment, design integration, and installation. These initial costs, however, are typically offset over time through reduced energy consumption and lower electricity bills, resulting in meaningful lifecycle cost savings to the State.

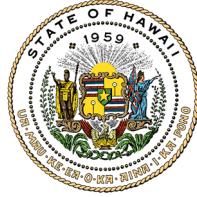
Requesting new state buildings and facilities to utilize this technology is reasonable and prudent, considering the current budget restrictions and staffing

shortages as considerations. Rebates for bi-level lighting system measures are and will be available to state agencies and are commonly used by large commercial buildings and facilities in Hawai'i. Accordingly, HSEO supports this measure and emphasizes that pairing the requirement with appropriate funding pathways will help maximize both fiscal and energy savings benefits to the State over time.

Thank you for the opportunity to testify.

JOSH GREEN, M.D.
GOVERNOR | KE KIA'ĀINA

SYLVIA LUKE
LIEUTENANT GOVERNOR | KA HOPE KIA'ĀINA



STATE OF HAWAII | KA MOKU'ĀINA 'O HAWAI'I
DEPARTMENT OF LAND AND NATURAL RESOURCES
KA 'OIHANA KUMUWAIWAI 'ĀINA

P.O. BOX 621
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DAWN N.S. CHANG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

RYAN K.P. KANAKA'OLE
FIRST DEPUTY

CIARA W.K. KAHAHANE
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE
MANAGEMENT
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CONSERVATION AND RESOURCES
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ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

Testimony of
RYAN K.P. KANAKA'OLE
Acting Chairperson

Before the Senate Committee on
GOVERNMENT OPERATIONS

Tuesday, March 31, 2026
3:00 PM
State Capitol, Conference Room 225

In consideration of
SENATE CONCURRENT RESOLUTION 86
and
SENATE RESOLUTION 77
RELATING TO BI-LEVEL LIGHTING

Senate Concurrent Resolution 86 and Senate Resolution 77 require all state agencies to use bi-level lighting systems in all newly built state buildings and facilities, starting January 1, 2027. **The Department of Land and Natural Resources (Department) supports this measure.**

Dark skies are vital for both the people and wildlife of Hawai'i. Artificial light pollution impacts wildlife, including seabirds and turtles, and interferes with astronomy, stargazing, and cultural traditions. Using bi-level lighting systems that greatly reduce light pollution and promote dark skies will save energy and reduce harmful effects on wildlife.

The Department strongly endorses efforts to reduce light pollution and preserve dark skies across the State, as detailed in this measure.

Mahalo for the opportunity to comment on this measure.

SCR-86

Submitted on: 3/30/2026 2:42:47 PM

Testimony for GVO on 3/31/2026 3:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Sijin Chen	Testifying for Citizens' Climate Lobby	Support	Written Testimony Only

Comments:

Dear Chair, Vice Chair, and Members of the Committee,

On behalf of the Iolani School chapter of Citizens' Climate Lobby (CCL), we respectfully offer our strong support for SCR 86 and SR 77, which encourage the adoption of bi-level lighting systems in state buildings.

As students actively engaged in climate advocacy and policy research, we recognize that meaningful climate action is not always found in sweeping, headline-grabbing legislation, but often in practical, scalable solutions such as energy efficiency improvements. Bi-level lighting systems represent precisely this kind of solution: cost-effective, technologically feasible, and immediately impactful.

Lighting accounts for a significant portion of energy use in commercial and public buildings. By implementing bi-level lighting systems, Hawai'i can significantly reduce unnecessary energy consumption, lower greenhouse gas emissions, and decrease long-term operational costs for state facilities. These savings not only benefit the environment but also taxpayers.

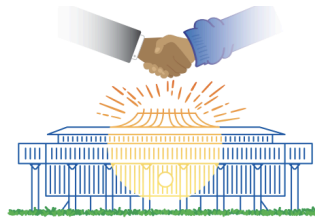
Importantly, this resolution reflects a broader principle that we, as youth advocates, strongly support: that climate policy should be both ambitious and actionable. Energy efficiency measures like bi-level lighting are among the fastest and most economically sensible ways to advance Hawai'i's clean energy goals, including its commitment to a 100% renewable energy future.

We also commend this measure for focusing on state buildings, where government leadership can set a powerful example. When public institutions model sustainable practices, they create ripple effects across the private sector and community.

We respectfully encourage continued consideration of expanding energy efficiency strategies beyond this resolution in the future, including exploring additional smart building technologies and broader applications in new construction projects. SCR 86 and SR 77 represent an important step in that direction.

Mahalo for the opportunity to testify and for your continued leadership in advancing sustainable and responsible energy policy in Hawai'i.

Sincerely,
Citizens' Climate Lobby
Iolani School Chapter



CLIMATE FUTURE FORUM

Date: 3/30/2026
To: Senate Chair McKelvey
Senate Vice Chair Gabbard
Members of the Senate Committee on Government Operations (GVO)
From: Climate Future Forum
Re: **SUPPORT** for SCR 86 and SR 77
Hearing: 3/31/2026 @ 3:00 PM in room

Aloha Chair, Vice Chair, and Members of the Committee:

On behalf of the Climate Future Forum, thank you for the opportunity to testify in strong **support of SCR 86 and SR 77**, which encourage the adoption of bi-level lighting systems in state buildings.

The Climate Future Forum empowers youth (ages 14–26) to actively engage in shaping and advocating for climate policy and legislation. By bringing together youth, educators, policymakers, and nonprofits, the forum fosters meaningful dialogue on climate action priorities and provides actionable steps to address climate change in Hawai'i. Through discussions involving over 100 youth, the forum has identified key high-priority areas, including regenerative food systems, climate and the economy, clean energy and transportation, climate justice and equity, and sustainable infrastructure.

As students actively engaged in climate advocacy and policy research, we recognize that meaningful climate action is not always found in sweeping, headline-grabbing legislation, but often in practical, scalable solutions such as energy efficiency improvements. Bi-level lighting systems represent precisely this kind of solution: cost-effective, technologically feasible, and immediately impactful.

Lighting accounts for a significant portion of energy use in commercial and public buildings. By implementing bi-level lighting systems and broader energy efficiency measures, Hawai'i can significantly decrease long-term operational costs for state facilities by reducing energy consumption, which has the additional benefit of lower greenhouse gas emissions. These savings benefit not only the environment but also taxpayers.

[MAKE A COPY OF THIS DOCUMENT TO DRAFT NEW TESTIMONY]

Importantly, this resolution reflects a broader principle that we, as youth advocates, strongly support: climate policy should be both ambitious and actionable. Energy efficiency measures like bi-level lighting are among the fastest and most economically sensible ways to advance Hawai'i's clean energy goals, including its commitment to a 100% renewable energy future.

We also commend this measure for focusing on state buildings, where government leadership can set a powerful example. When public institutions model sustainable practices, they create ripple effects across the private sector and community.

We respectfully encourage continued consideration of expanding energy efficiency strategies beyond this resolution in the future, including exploring additional smart building technologies and broader applications in new construction projects. SCR 86 and SR 77 represent an important step in that direction.

Thank you very much for your support of youth engagement in climate policy. We respectfully request that you pass SCR86 and SR77 out of your committee.

Mahalo nui,
Hawai'i Climate Future Forum