
A BILL FOR AN ACT

RELATING TO BI-LEVEL LIGHTING SYSTEMS.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that in many private and
2 public buildings across the State, lighting systems remain
3 active at full intensity throughout the day and night. This
4 practice results in considerable energy waste, increased
5 electricity costs, and unnecessary environmental harm. The
6 legislature further finds that the State must take action to
7 prevent these inefficiencies and promote sensible environmental
8 stewardship practices.

9 Motion-censored lighting systems, or bi-level lighting,
10 offer a proven, environmentally friendly alternative to
11 traditional lighting systems. These systems operate by
12 decreasing and increasing lighting intensity through motion
13 sensors, increasing brightness as needed. While these kinds of
14 systems have been adopted on a small scale, the State should be
15 actively pursuing opportunities to increase bi-level lighting
16 usage.



1 The purpose of this Act is to require all newly constructed
2 state buildings and facilities to use only bi-level lighting
3 systems beginning January 1, 2026.

4 SECTION 2. Chapter 196, Hawaii Revised Statutes, is
5 amended by adding a new section to be appropriately designated
6 and to read as follows:

7 "§196- Bi-level lighting system; state buildings and
8 facilities; required. Beginning January 1, 2026, all newly
9 constructed state buildings and facilities shall use only bi-
10 level lighting systems.

11 For the purposes of this subsection, "bi-level lighting
12 systems" means energy-efficient lighting systems that use motion
13 sensors to switch between distinct lighting intensity levels."

14 SECTION 3. New statutory material is underscored.

15 SECTION 4. This Act shall take effect upon its approval.

16

INTRODUCED BY: 27C

JAN 21 2025



H.B. NO. 950

Report Title:

Bi-level Lighting Systems; State Buildings; State Facilities;
Energy Efficiency

Description:

Requires all newly constructed state buildings and facilities to use only bi-level lighting systems beginning 1/1/2026.

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