
A BILL FOR AN ACT

RELATING TO RECYCLING.

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

1 SECTION 1. Chapter 46, Hawaii Revised Statutes, is amended
2 by adding a new section to be appropriately designated and to
3 read as follows:

4 "§46- Bottle and can recycling. (a) Each county
5 government agency shall reasonably provide and maintain onsite
6 methods at its buildings and facilities for the collection and
7 recycling of deposit beverage containers and for solid waste
8 disposal.

9 (b) The department of accounting and general services
10 shall coordinate with and provide assistance to each county to
11 implement this section.

12 (c) For the purposes of this section, "deposit beverage
13 container" shall have the same meaning as in section 342G-101."

14 SECTION 2. Section 196-9, Hawaii Revised Statutes, is
15 amended by amending subsection (b) to read as follows:

16 "(b) With regard to buildings and facilities, each agency
17 shall:



- 1 (1) Design and construct buildings meeting the Leadership
2 in Energy and Environmental Design silver or two green
3 globes rating system or another comparable
4 state-approved, nationally recognized, and
5 consensus-based guideline, standard, or system, except
6 when the guideline, standard, or system interferes or
7 conflicts with the use of the building or facility as
8 an emergency shelter;
- 9 (2) Incorporate energy-efficiency measures to prevent heat
10 gain in residential facilities up to three stories in
11 height to provide R-19 or equivalent on roofs, R-11 or
12 equivalent in walls, and high-performance windows to
13 minimize heat gain and, if air conditioned, minimize
14 cool air loss. R-value is the constant time rate
15 resistance to heat flow through a unit area of a body
16 induced by a unit temperature difference between the
17 surfaces. R-values measure the thermal resistance of
18 building envelope components such as roof and walls.
19 The higher the R-value, the greater the resistance to
20 heat flow. Where possible, buildings shall be
21 oriented to maximize natural ventilation and day-



1 lighting without heat gain and to optimize solar for
2 water heating. This provision shall apply to new
3 residential facilities built using any portion of
4 state funds or located on state lands;

- 5 (3) Install solar water heating systems where it is cost-
6 effective, based on a comparative analysis to
7 determine the cost-benefit of using a conventional
8 water heating system or a solar water heating system.
9 The analysis shall be based on the projected life
10 cycle costs to purchase and operate the water heating
11 system. If the life cycle analysis is positive, the
12 facility shall incorporate solar water heating. If
13 water heating entirely by solar is not cost-effective,
14 the analysis shall evaluate the life cycle, cost-
15 benefit of solar water heating for preheating water.
16 If a multi-story building is centrally air
17 conditioned, heat recovery shall be employed as the
18 primary water heating system. Single family
19 residential clients of the department of Hawaiian home
20 lands and any agency or program that can take
21 advantage of utility rebates shall be exempted from



1 the requirements of this paragraph so they may
2 continue to qualify for utility rebates for solar
3 water heating;

4 (4) Implement water and energy efficiency practices in
5 operations to reduce waste and increase conservation;

6 (5) Incorporate principles of waste minimization and
7 pollution prevention, such as reducing, revising, and
8 recycling as a standard operating practice in
9 programs, including programs for waste management in
10 construction and demolition projects and office paper
11 and packaging recycling programs;

12 (6) Reasonably provide and maintain onsite methods at its
13 buildings and facilities for the collection and
14 recycling of deposit beverage containers, as that term
15 is defined in section 342G-101, and for solid waste
16 disposal;

17 [~~6~~] (7) Use life cycle cost-benefit analysis to purchase
18 energy efficient equipment such as ENERGY STAR
19 products and use utility rebates where available to
20 reduce purchase and installation costs; and



1 [~~(7)~~] (8) Procure environmentally preferable products,
2 including recycled and recycled-content, bio-based,
3 and other resource-efficient products and materials."

4 SECTION 3. Statutory material to be repealed is bracketed
5 and stricken. New statutory material is underscored.

6 SECTION 4. This Act shall take effect on September 1,
7 2015.



Report Title:

Recycling; State and County Agencies; Building and Facilities

Description:

Requires state and county agencies to reasonably provide and maintain onsite methods for the collection of recyclable deposit beverage containers and for solid waste disposal. Requires DAGS to assist counties with implementation. (HD1)

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