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## 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 provide and maintain onsite methods for  
6 the collection and recycling of deposit beverage containers in  
7 its buildings and facilities; provided that agency shall also  
8 provide and maintain onsite methods of solid waste disposal.

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

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

13       "(b) With regard to buildings and facilities, each agency  
14 shall:

15       (1) Design and construct buildings meeting the Leadership  
16 in Energy and Environmental Design silver or two green  
17 globes rating system or another comparable



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1 state-approved, nationally recognized, and  
2 consensus-based guideline, standard, or system, except  
3 when the guideline, standard, or system interferes or  
4 conflicts with the use of the building or facility as  
5 an emergency shelter;

- 6 (2) Incorporate energy-efficiency measures to prevent heat  
7 gain in residential facilities up to three stories in  
8 height to provide R-19 or equivalent on roofs, R-11 or  
9 equivalent in walls, and high-performance windows to  
10 minimize heat gain and, if air conditioned, minimize  
11 cool air loss. R-value is the constant time rate  
12 resistance to heat flow through a unit area of a body  
13 induced by a unit temperature difference between the  
14 surfaces. R-values measure the thermal resistance of  
15 building envelope components such as roof and walls.  
16 The higher the R-value, the greater the resistance to  
17 heat flow. Where possible, buildings shall be  
18 oriented to maximize natural ventilation and day-  
19 lighting without heat gain and to optimize solar for  
20 water heating. This provision shall apply to new



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



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- 1           continue to qualify for utility rebates for solar  
2           water heating;
- 3           (4) Implement water and energy efficiency practices in  
4           operations to reduce waste and increase conservation;
- 5           (5) Incorporate principles of waste minimization and  
6           pollution prevention, such as reducing, revising, and  
7           recycling as a standard operating practice in  
8           programs, including programs for waste management in  
9           construction and demolition projects and office paper  
10          and packaging recycling programs;
- 11          (6) Provide and maintain onsite methods for the collection  
12          and recycling of deposit beverage containers, as that  
13          term is defined in section 342G-101; provided that  
14          agency shall also provide and maintain onsite methods  
15          of solid waste disposal;
- 16          ~~(6)~~ (7) Use life cycle cost-benefit analysis to purchase  
17          energy efficient equipment such as ENERGY STAR  
18          products and use utility rebates where available to  
19          reduce purchase and installation costs; and



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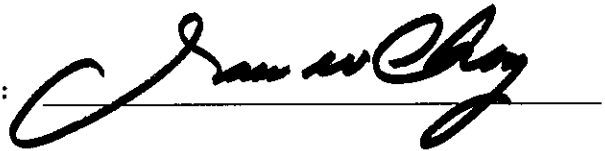
1        [~~(7)~~] (8) Procure environmentally preferable products,  
2                    including recycled and recycled-content, bio-based,  
3                    and other resource-efficient products and materials."

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.

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INTRODUCED BY:



JAN 21 2015



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**Report Title:**

Recycling; State and County Agencies; Building and Facilities

**Description:**

Requires state and county agencies to provide and maintain onsite methods for the collection of deposit beverage containers provided that the agency also provides and maintains solid waste disposal.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

