
A BILL FOR AN ACT

RELATING TO RECYCLING.

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

1 SECTION 1. Chapter 196, Hawaii Revised Statutes, is
2 amended by adding a new section to part III to be appropriately
3 designated and to read as follows:
4 "§196- Hawaii recycling program. No later than
5 January 1, 2011, the department of accounting and general
6 services shall establish a mandatory recycling program for all
7 state buildings and facilities over which the department has
8 authority pursuant to section 26-6(b) (6). The recycling program
9 shall include all recyclable paper products, electronic devices,
10 plastics, furniture, and all other recyclable items. The energy
11 resources coordinator shall cooperate with the department of
12 accounting and general services to develop and implement the
13 program."

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-
22 lighting without heat gain and to optimize solar for

1 water heating. This provision shall apply to new
2 residential facilities built using any portion of
3 state funds or located on state lands;

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

- 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;~~] the Hawaii
- 11 recycling program established in section 196- ;
- 12 (6) Use life cycle cost-benefit analysis to purchase
- 13 energy efficient equipment such as ENERGY STAR
- 14 products and use utility rebates where available to
- 15 reduce purchase and installation costs; and
- 16 (7) Procure environmentally preferable products, including
- 17 recycled and recycled-content, bio-based, and other
- 18 resource-efficient products and materials."

19 SECTION 3. Section 342G-104, Hawaii Revised Statutes, is
 20 amended by amending subsection (b) to read as follows:

21 "(b) Moneys in the deposit beverage container deposit
 22 special fund shall be used to reimburse refund values, pay

1 handling fees to redemption centers, fund the reverse vending
2 machine rebate program under section 342G-102.5, and fund the
3 redemption center and recycling infrastructure improvement
4 program established pursuant to section 342G-114.5. The
5 department may also use the money to:

6 (1) Fund administrative, audit, and compliance activities
7 associated with collection and payment of the deposits
8 and handling fees of the deposit beverage container
9 program;

10 (2) Conduct recycling education and demonstration
11 projects;

12 (3) Promote recyclable market development activities;

13 (4) Support the handling and transportation of the deposit
14 beverage containers to end-markets;

15 (5) Hire personnel to oversee the implementation of the
16 deposit beverage container program, including
17 permitting and enforcement activities; ~~and~~

18 (6) Fund associated office expenses~~[]~~; and

19 (7) Fund the Hawaii recycling program established pursuant
20 to section 196- ."

21 SECTION 4. The department of accounting and general
22 services shall submit a preliminary report, including findings

1 and recommendations, on the development of the Hawaii recycling
2 program to the legislature no later than December 31, 2009, and
3 shall submit a final report on the development and
4 implementation of the Hawaii recycling program to the
5 legislature no later than October 31, 2010.

6 SECTION 5. There is appropriated out of the deposit
7 beverage container deposit special fund the sum of or so
8 much thereof as may be necessary for fiscal year 2009-2010 and
9 the same sum or so much thereof as may be necessary for fiscal
10 year 2010-2011 for the planning and development of the Hawaii
11 recycling program.

12 The sums appropriated shall be expended by the department
13 of accounting and general services for the purposes of this Act.

14 SECTION 6. Statutory material to be repealed is bracketed
15 and stricken. New statutory material is underscored.

16 SECTION 7. This Act shall take effect on January 1, 2050;
17 provided that section 3 of this Act shall take effect on June
18 29, 2009; provided further that the amendments made to section
19 342G-104(b), Hawaii Revised Statutes, made by section 3 of this
20 Act, shall not be repealed when that section is reenacted on
21 June 30, 2009, by Act 228, Session Laws of Hawaii 2005, as
22 amended by Act 231, Session Laws of Hawaii 2006.

Report Title:

Recycling

Description:

Directs the department of accounting and general services to establish by 01/01/11 a mandatory recycling program for all state buildings and facilities over which the department has authority. (SD2)