
A BILL FOR AN ACT

RELATING TO ENERGY.

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

1 SECTION 1. The legislature finds that, despite Hawaii's
2 unique advantage in consistent access to alternative energy
3 sources such as solar, wind, and geothermal power, the State
4 remains approximately ninety per cent dependent on imported
5 fossil fuels. State facilities, including public schools, are
6 major consumers of resources such as water and electricity.

7 The purpose of this Act is to require incorporation of
8 alternative energy use designs into the construction of and
9 major renovations to all public buildings and facilities,
10 including public school buildings, in the State.

11 SECTION 2. Chapter 196, part II, Hawaii Revised Statutes,
12 is amended by adding a new section to be appropriately
13 designated and to read as follows:

14 "§196- State facility construction and renovation;
15 alternative energy design requirement. Each state department
16 with responsibilities for the design and construction or
17 renovation of any public building or facility shall implement to
18 the fullest extent possible alternative energy designs for the



1 construction of any new state facility or state facility
2 renovation exceeding \$ _____ . This section shall apply to
3 the construction or renovation of any state facility for which
4 the planning and design of the project begins after June 30,
5 2013.

6 For purposes of this section, "alternative energy design"
7 means a building plan that uses geothermal, solar, wind, ocean
8 power, or biomass and solid waste energy as the dominant source
9 of energy generation for the building or facility."

10 SECTION 3. Chapter 302A, part VI, Hawaii Revised Statutes,
11 is amended by adding a new section to be appropriately
12 designated and to read as follows:

13 **"§302A- School construction and renovation; alternative**
14 **energy design requirement.** The department shall implement to
15 the fullest extent possible alternative energy designs for the
16 construction of any new school building or school renovation
17 exceeding \$ _____ . This section shall apply to the
18 construction or renovation of any school building for which the
19 planning and design of the project begins after June 30, 2013.

20 For purposes of this section, "alternative energy designs"
21 means building plans that use geothermal, solar, wind, ocean



1 power, or biomass and solid waste energy as the dominant sources
2 of energy generation for the building or facility."

3 SECTION 4. Section 36-35, Hawaii Revised Statutes, is
4 amended by amending subsection (f) to read as follows:

5 "(f) The superintendent of education shall ensure that all
6 repair and maintenance projects achieve maximum cost-efficiency
7 by emphasizing functional or performance criteria, conformance
8 to alternative energy design requirements under section 302A- ,
9 uniformity of design, and commonality of products, and by
10 avoiding unique or custom requirements that increase long-term
11 costs. The superintendent of education shall develop project
12 specifications based on generic specifications or prescriptive
13 specifications using standard commercial products. Prescriptive
14 specifications may include a qualified product list.

15 For the purposes of this subsection:

16 "Generic specification" means a technical specification
17 that is written in a clear, unambiguous, and nonrestrictive
18 manner establishing:

19 (1) Design, performance, or functional requirements to
20 identify the work to be performed; and

21 (2) Material standards to be used on a project.



1 "Prescriptive specification" means a technical
2 specification:

- 3 (1) Establishing that the required work to be performed is
4 written in a clear, unambiguous, and nonrestrictive
5 manner; and
6 (2) Listing manufacturers or products that are acceptable
7 for use on the project.

8 "Standard commercial product" means a product or material
9 that in the normal course of business is customarily maintained
10 in stock by[~~7~~] or readily available for marketing from a
11 manufacturer, distributor, or dealer.

12 This subsection shall not apply to any school facility
13 designated a historic property pursuant to section 6E-5.5."

14 SECTION 5. Statutory material to be repealed is bracketed
15 and stricken. New statutory material is underscored.

16 SECTION 6. This Act shall take effect on July 1, 2050.



Report Title:

Schools; State Facilities; Alternative Energy Design

Description:

Requires the incorporation to the fullest extent possible of alternative energy designs into construction of, and major renovations to, schools and state facilities for which planning begins after 6/30/13. Effective 7/1/50. (SD2)

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