
A BILL FOR AN ACT

RELATING TO HEAT ABATEMENT.

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

1 SECTION 1. The legislature finds that \$100,000,000 was
2 appropriated for the department of education's heat abatement
3 program in 2016. To advance Hawaii's clean energy goals, the
4 legislature also required the department of education to
5 establish a goal of being net-zero with respect to energy use by
6 January 1, 2035. The legislature further required the
7 department, and any contractor hired to implement classroom
8 cooling measures by the department, to maximize energy
9 efficiency, installation, and operating cost savings over the
10 entire life of heat abatement projects.

11 The legislature additionally finds that while \$100,000,000
12 was intended to fund heat abatement upgrades for at least one
13 thousand public school classrooms, an estimated six thousand
14 additional classrooms are in need of heat abatement
15 improvements. With contractors bidding in excess of \$80,000 per
16 classroom on department of education cooling projects after the
17 \$100,000,000 was appropriated, providing funds for continuing



1 heat abatement and energy efficiency upgrades throughout the
2 state's public school system remains a high priority for public
3 education policy.

4 The purpose of this Act is to expedite and enable the
5 cooling of all public school classrooms to a temperature
6 conducive to student learning by implementing energy efficiency
7 measures to substantially reduce energy consumption and lower kW
8 load, which may allow classrooms earmarked for the "cool the
9 schools" initiative to install air conditioners without
10 requiring expensive and time consuming electrical upgrades,
11 while reducing energy expenses for the department of education,
12 which will increase the availability of state funds for other
13 investments in education or related programs or to help offset
14 the additional expected kW consumption of air conditioners.
15 This Act provides that moneys in the Hawaii green infrastructure
16 special fund may be used for loans to finance the installation
17 costs for energy-efficient lighting and other energy-efficiency
18 measures related to heat abatement at public schools.

19 SECTION 2. Section 196-65, Hawaii Revised Statutes, is
20 amended by amending subsection (b) to read as follows:



1 "(b) Moneys in the Hawaii green infrastructure special
2 fund may be used, subject to the approval of the public
3 utilities commission, for the purposes of:

4 (1) Making green infrastructure loans [7], including for
5 installation costs for energy-efficient lighting and
6 other energy-efficiency measures related to heat
7 abatement at public schools;

8 (2) Paying administrative costs of the Hawaii green
9 infrastructure loan program;

10 (3) Paying any other costs related to the Hawaii green
11 infrastructure loan program; or

12 (4) Paying financing costs, as defined in section 269-161,
13 to the extent permitted by the public utilities
14 commission in a financing order issued pursuant to
15 section 269-163."

16 SECTION 3. There is appropriated out of the Hawaii green
17 infrastructure special fund the sum of \$46,400,000 or so much
18 thereof as may be necessary for fiscal year 2017-2018 for the
19 purpose of financing the installation costs for energy-efficient
20 lighting and other energy efficiency measures related to heat
21 abatement at public schools.



1 The sum appropriated shall be expended by the Hawaii green
2 infrastructure authority for the purposes of this Act.

3 SECTION 4. The department of education, with the approval
4 of the governor, is authorized to borrow the sum of \$46,400,000
5 or so much thereof as may be necessary for fiscal year 2017-2018
6 from the green infrastructure loan program for the purposes of
7 this Act upon such terms and conditions as are agreed to between
8 the department of education and the Hawaii green infrastructure
9 authority.

10 SECTION 5. The department of education shall submit an
11 expenditure plan to the green infrastructure loan program
12 administrator, who shall serve as the fiscal administrator for
13 the loan issued pursuant to section 4 and may make payment on
14 behalf of the department of education, as appropriate, upon
15 submission of requests for payment from the department of
16 education.

17 SECTION 6. Beginning with fiscal year 2017-2018, the
18 department of education shall begin to repay the loan pursuant
19 to section 4 using general revenue savings resulting from
20 reduced utility costs as a result of the implementation of
21 energy efficient lighting and other energy efficiency measures.



1 SECTION 7. Statutory material to be repealed is bracketed
2 and stricken. New statutory material is underscored.

3 SECTION 8. This Act shall take effect on January 28, 2081.



Report Title:

Public Schools; Heat Abatement; Hawaii Green Infrastructure
Special Fund; Appropriation

Description:

Authorizes the Department of Education to borrow moneys from the Hawaii green infrastructure loan program for heat abatement measures at public schools. Requires the Department of Education to make payments on the loan from revenues saved by energy efficiency measures. Effective 1/28/2081. (SD1)

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