

JAN 22 2016

A BILL FOR AN ACT

RELATING TO CLASSROOM CLIMATE CONTROL.

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

1 SECTION 1. The legislature finds that studies indicate an
2 achievement gap that is as high as seventeen per cent between
3 air conditioned and non-air conditioned classrooms. On average,
4 Hawaii's public school classrooms are over sixty-five years old
5 and do not have the necessary electrical infrastructure to
6 support traditional air conditioning technology. The department
7 of education recently estimated that the cost to provide air
8 conditioning would be approximately \$110,000 per classroom.

9 The legislature further finds that available energy
10 efficient technology, including off-grid and photovoltaic
11 technology, will reduce the electrical burden and cost of
12 classroom cooling. Employing a combination of on-grid, off-
13 grid, and photovoltaic technology could reduce the per classroom
14 cost of air conditioning to \$20,000, or a total of \$140,000,000
15 for the seven thousand classrooms currently in need of air
16 conditioning.



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1 The purpose of this Act is to provide energy-efficient air
2 conditioning to all public school classrooms by the 2021-2022
3 school year.

4 SECTION 2. Chapter 302A, Hawaii Revised Statutes, is
5 amended by adding a new section to be appropriately designated
6 and to read as follows:

7 "§302A- Classroom climate control and cooling. (a)
8 Beginning with the 2016-2017 school year, the department shall
9 develop a plan to air condition public schools that includes a
10 mix of technologies, including off-grid technology, photovoltaic
11 technology, and split air conditioning units.

12 (b) Beginning with the 2017-2018 school year, the
13 department shall develop a master plan to provide air
14 conditioning to all public school classrooms that meet or exceed
15 a temperature of ninety degrees Fahrenheit, including a list of
16 priority schools to receive air conditioning by the 2018-2019
17 school year.

18 (c) No later than the 2019-2020 school year, the
19 department shall provide air conditioning to at least fifty per
20 cent of public school classrooms that meet or exceed a
21 temperature of ninety degrees Fahrenheit.



1 (d) No later than the 2021-2022 school year, the
2 department shall provide air conditioning to all public school
3 classrooms that meet or exceed a temperature of ninety degrees
4 Fahrenheit."

5 SECTION 3. There is appropriated out of the general
6 revenues of the State of Hawaii the sum of \$ or so
7 much thereof as may be necessary for fiscal year 2016-2017 for
8 the initiation and expansion of projects that demonstrate
9 efficient methods to air condition public school facilities,
10 including, but not limited to, photovoltaic and off-grid
11 technology.

12 SECTION 4. The director of finance is authorized to issue
13 general obligation bonds in the sum of \$ or so much
14 thereof as may be necessary and the same sum or so much thereof
15 as may be necessary is appropriated for fiscal year 2016-2017
16 for the purpose of funding public school air conditioning
17 projects.

18 The sum appropriated shall be expended by the department of
19 education for the purposes of this Act.

20 SECTION 5. The appropriation made for the capital
21 improvement project authorized by this Act shall not lapse at



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1 the end of the fiscal biennium for which the appropriation is
2 made; provided that all moneys from the appropriation
3 unencumbered as of June 30, 2018, shall lapse as of that date.

4 SECTION 6. New statutory material is underscored.

5 SECTION 7. This Act shall take effect on July 1, 2016.

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Report Title:

Department of Education; Classroom Climate Control; Air Conditioning; Appropriation

Description:

Requires the department of education to develop a plan to provide air conditioning to all public school classrooms that meet or exceed a temperature of ninety degrees Fahrenheit, and provides appropriations to fund the plan.

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

