
SENATE RESOLUTION

REQUESTING EACH COMPLEX WITHIN THE DEPARTMENT OF EDUCATION TO STUDY THE AIR COOLING NEEDS OF THE SCHOOLS WITHIN THE COMPLEX AND TO REVIEW THE FEASIBILITY OF USING ALTERNATIVE AIR COOLING METHODS SUCH AS FANS, HEAT REDUCTION, INSULATION, AND ENERGY EFFICIENT INDIVIDUAL AIR CONDITIONING WALL UNITS.

1 WHEREAS, students need to have the most conducive,
2 comfortable learning environment in order to achieve the
3 educational standards set for them; and

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5 WHEREAS, the Legislature finds that a physical learning
6 environment that is free of unnecessary distractions from heat
7 or outside noise is crucial to student learning; and

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9 WHEREAS, given Hawaii's tropical environment and heat, many
10 classrooms need to be equipped with air conditioning or
11 alternative air cooling methods; and

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13 WHEREAS, as each complex gains a greater role in managing
14 schools within its jurisdiction, it is important to engage the
15 complex in the analysis and prioritization of projects; and

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17 WHEREAS, despite a tremendous backlog of repair and
18 maintenance items and the need for new schools and facilities,
19 it is important to include air conditioning costs as part of
20 each complex's priority list of critical budget items for the
21 Department of Education (DOE); and

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23 WHEREAS, the DOE has projected that the provision of
24 necessary air conditioning to each school and school complex
25 will cost \$1,000,000,000 over the next five years; now,
26 therefore,

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28 BE IT RESOLVED by the Senate of the Twenty-fourth
29 Legislature of the State of Hawaii, Regular Session of 2007,
30 that each complex within the DOE is requested to study the air
31 cooling needs of the schools in the complex and review the



1 feasibility of using alternative air cooling methods such as
2 fans, heat reduction, insulation, and energy efficient
3 individual air conditioning wall units; and
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5 BE IT FURTHER RESOLVED that as part of the study, each
6 complex is requested to include information on:
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- 8 (1) The utility and maintenance costs for the proposed air
9 cooling methods;
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- 11 (2) Information on any electrical upgrades that may be
12 necessary for each school;
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- 14 (3) A projected total cost;
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- 16 (4) A timetable for implementation;
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- 18 (5) Prioritization of the needs for cooling that
19 differentiates the needs of buildings and classrooms
20 within each school; and
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- 22 (6) Mitigation measures that address solutions spanning
23 from one classroom, one floor, or one building to
24 several buildings that does not assume mitigation for
25 the entire school; and
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27 BE IT FURTHER RESOLVED that the DOE is requested to submit
28 a report of the findings and recommendations of each complex to
29 the Legislature no later than twenty days prior to the convening
30 of the Regular Session of 2008; and
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32 BE IT FURTHER RESOLVED that certified copies of this
33 Resolution be transmitted to the Superintendent of Education and
34 the Chairperson of the Board of Education.

