
HOUSE RESOLUTION

REQUESTING THE DEPARTMENT OF EDUCATION TO EVALUATE VARIOUS ALTERNATIVE AIR COOLING METHODS SUCH AS FANS, HEAT REDUCTION, INSULATION, AND ENERGY-EFFICIENT INDIVIDUAL AIR CONDITIONING WALL UNITS, AS WELL AS AIR COOLING METHODS THAT USE RENEWABLE ENERGY SOURCES TO ENCOURAGE COMPLIANCE WITH "LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN" STANDARDS.

1 WHEREAS, students need to have the most conducive,
2 comfortable learning environment to achieve the educational
3 standards set for them; and
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5 WHEREAS, the Legislature finds that a physical learning
6 environment free from unnecessary distractions from heat or
7 outside noise is crucial to student learning; and
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9 WHEREAS, given Hawaii's tropical environment and heat and
10 rising temperatures across the globe, many classrooms need to be
11 equipped with air conditioning or alternative air cooling
12 methods; and
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14 WHEREAS, despite a tremendous backlog of repair and
15 maintenance items and the need for new schools and facilities,
16 it is important to include air conditioning costs as part of a
17 comprehensive priority list of critical budget items for the
18 Department of Education; and
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20 WHEREAS, the Department of Education has projected that the
21 provision of necessary air conditioning to each school and
22 school complex will cost \$1,000,000,000 over the next five
23 years; and
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25 WHEREAS, Hawaii has become too dependent on fossil fuels,
26 and energy-efficient practices should be put into place to
27 ensure sustainability, or the use, development, and protection
28 of resources at a rate and in a manner that enables today's
29 generations to meet their current needs, yet provides for the
30 needs of future generations; now, therefore,



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2 BE IT RESOLVED by the House of Representatives of the
3 Twenty-third Legislature of the State of Hawaii, Regular Session
4 of 2006, that the Department of Education is requested to
5 evaluate various alternative air cooling methods such as fans,
6 heat reduction, insulation, and energy-efficient individual air
7 conditioning wall units, as well as air cooling methods that use
8 renewable energy sources to encourage compliance with
9 "Leadership in Energy and Environmental Design" standards; and

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11 BE IT FURTHER RESOLVED that the evaluation include
12 information on utility, installation, and maintenance costs for
13 the proposed air cooling methods and renewable energy systems to
14 be used, and information on any electrical upgrades that may be
15 necessary; and

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17 BE IT FURTHER RESOLVED that the Department of Education is
18 requested to submit a final report of its findings and
19 recommendations to the Legislature no later than 20 days prior
20 to the convening of the Regular Session of 2008; and

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22 BE IT FURTHER RESOLVED that the evaluation be used to
23 develop a strategic plan for air cooling methods and to
24 transition into use of renewable energy sources for the purpose
25 of installing energy-efficient air cooling systems in public
26 schools; and

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28 BE IT FURTHER RESOLVED that certified copies of this
29 Resolution be transmitted to the Chair of the Board of Education
30 and Superintendent of Education.

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