

JAN 20 2023

A BILL FOR AN ACT

RELATING TO SUSTAINABLE SCHOOLS.

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

1 SECTION 1. The legislature finds that Hawaii imports more
2 than six million pounds of food on a daily basis at a cost of
3 more than \$3,000,000,000 per year. An increase in
4 locally-sourced proteins and produce will simultaneously improve
5 food quality and public health, boost the local economy, and
6 improve overall state resiliency.

7 The legislature further finds that educating and engaging
8 students about locally-sourced foods and Native Hawaiian food
9 crops can also provide students with valuable lessons about
10 their own health, culture, carbon footprints, and waste
11 footprints.

12 The legislature also finds that traditional internal
13 combustion school bus engines emit exhaust, which children
14 inhale while riding buses and idling in traffic and may
15 potentially increase asthma and other health problems. In
16 contrast, electric school buses offer potential benefits to the
17 quality of student health, the environment, utility



1 infrastructure, and cost savings. Additionally, electric buses
2 have lower operational, maintenance, and labor costs than
3 comparable buses powered by internal combustion engines. The
4 use and operation of green forms of transportation also aligns
5 with Hawaii's established goals of achieving a carbon-negative
6 economy by 2045.

7 Accordingly, the purpose of this Act is to add long-term
8 targets to the sustainable schools initiative to:

- 9 (1) Transition to zero-emission transportation in Hawaii's
10 public schools; and
11 (2) Incorporate local plant-based proteins into school
12 meals.

13 SECTION 2. Section 302A-1510, Hawaii Revised Statutes, is
14 amended to read as follows:

15 " ~~[+]§302A-1510[+]~~ **Sustainable schools initiative.** (a)

16 The department shall establish ~~[a-goal]~~ goals of ~~[becoming]~~:

- 17 (1) Becoming net-zero with respect to energy use,
18 producing as much renewable energy as the department
19 consumes across all public school facilities, by
20 January 1, 2035~~[+]~~i



1 (2) Using zero-emission vehicles for all school-related
2 transportation, including any contracts for
3 transportation, by January 1, 2035; and

4 (3) At least fifty per cent of all proteins by weight
5 served in meals offered in public schools be
6 plant-based proteins, by January 1, 2035.

7 (b) The department shall use the amount and value of
8 energy consumed by the department across all public school
9 facilities during the 2015-2016 fiscal year as the benchmark for
10 measuring the department's progress toward the energy usage goal
11 set forth in subsection ~~[(a)].~~

12 ~~(c) The department shall submit an annual report that~~
13 ~~shall include information on:~~

14 ~~(1) The overall progress toward the net zero energy goal~~
15 ~~set forth in subsection (a);~~

16 ~~(2) Its plans and recommendations to advance the net zero~~
17 ~~energy goal set forth in subsection (a); and~~

18 ~~(3) Any challenges or barriers encountered or anticipated~~
19 ~~by the department in meeting the net zero energy goal~~
20 ~~set forth in subsection (a).~~

21 ~~(d)]~~ (a) (1).



1 (c) The department shall expedite the cooling of all
2 public school classrooms to a temperature acceptable for student
3 learning. When implementing classroom cooling measures, the
4 department, and any contractor hired to implement classroom
5 cooling measures, shall maximize energy efficiency and
6 installation and operating cost savings over the entire life of
7 the project.

8 [~~(e) Pursuant to this section, the department shall~~
9 ~~include in the report the]~~

10 (d) No later than twenty days prior to the convening of
11 each regular session, the department shall submit a report to
12 the legislature that shall include:

13 (1) The department's progress toward the net-zero energy
14 goal set forth in subsection (a)(1), including:

15 (A) Overall progress toward the goal; and

16 (B) The department's plans and recommendations to
17 advance the net-zero energy goal;

18 (2) The department's progress toward the zero-emission
19 transportation goal set forth in subsection (a)(2),
20 including:



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- 1 ~~[(2)]~~ (B) The different types of cooling measures
- 2 implemented;
- 3 ~~[(3)]~~ (C) The approximate cost per classroom for
- 4 planned cooling measures, including installation,
- 5 upgrades, equipment, maintenance, and projected
- 6 operating costs over the life of the installed
- 7 cooling measures;
- 8 ~~[(4)]~~ (D) The approximate cost per completed classroom
- 9 for cooling measures implemented, including
- 10 installation, upgrades, equipment, maintenance,
- 11 and projected operating costs over the life of
- 12 the installed cooling measures;
- 13 ~~[(5)]~~ (E) The number of completed classrooms in which
- 14 energy efficiency measures were installed or
- 15 implemented and the number of classrooms
- 16 remaining that require energy efficiency
- 17 measures; and
- 18 ~~[(6)]~~ (F) The different types of energy efficiency
- 19 measures installed or implemented~~[-~~
- 20 ~~(f) The findings];~~ and



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1 (5) Findings and recommendations, including any proposed
2 legislation, [~~to the legislature no later than twenty~~
3 ~~days prior to the convening of each regular session.~~]
4 if any."

5 SECTION 3. Statutory material to be repealed is bracketed
6 and stricken. New statutory material is underscored.

7 SECTION 4. This Act shall take effect upon its approval.

8

INTRODUCED BY: _____



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Report Title:

DOE; Sustainable Schools Initiative; Electric Transportation

Description:

Requires the Department of Education to establish zero-emission vehicle goals and plant-based food goals as part of the sustainable schools initiative. Requires annual report to the Legislature.

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