

JAN 17 2025

S.B. NO. 1089

A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

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

1 SECTION 1. The legislature finds that the adoption of
2 electric vehicles in the State continues to grow at increasing
3 rates, with electric vehicles accounting for fifteen per cent of
4 all new car sales in 2024, up 11.5 per cent from the year prior.
5 There is a need for charging infrastructure to support this
6 growth and ensure that there is an equitable transition to clean
7 transportation.

8 The legislature further finds that providing electric
9 vehicle charging options at workplaces is beneficial for several
10 reasons. Workplace charging provides options for people who may
11 not be able to charge at home--typically renters, those who live
12 in apartments, and low- and moderate-income families--the
13 opportunity to participate in the savings and other benefits of
14 owning an electric vehicle. Workplace charging also encourages
15 daytime charging, which benefits the grid by shifting energy use
16 from peak evening hours to daytime hours, when energy is cheaper
17 and cleaner.



1 Therefore, the legislature finds that there is a need for
2 more workplace charging and that the State should expand
3 workplace charging availability in state facilities.

4 The purpose of this Act is to:

- 5 (1) Require the design of all new state building
6 construction where parking is to be included to
7 provide that at least twenty-five per cent of parking
8 stalls be electric vehicle charger-ready;
- 9 (2) Require the Hawaii state energy office to conduct a
10 survey and identify certain high-priority state
11 facilities that include parking to be retrofitted to
12 include electric vehicle charging infrastructure;
- 13 (3) Establish a goal of the State to retrofit state
14 facilities to be electric vehicle charger-ready; and
- 15 (4) Appropriate funds to the department of accounting and
16 general services to assess the costs of, and install,
17 retrofits and electric vehicle charging systems at
18 high-priority state facilities.

19 SECTION 2. Section 107-27, Hawaii Revised Statutes, is
20 amended by amending subsection (d) to read as follows:



1 "(d) Beginning July 1, 2023, where feasible and cost-
2 effective, the design of all new state building construction
3 shall:

4 (1) Maximize energy and water efficiency measures;

5 (2) Maximize energy generation potential; and

6 (3) Use building materials that reduce the carbon
7 footprint of the project.

8 Beginning July 1, 2025, the design of all new state
9 building construction where parking is to be included shall
10 provide that at least twenty-five per cent of parking stalls be
11 electric vehicle charger-ready.

12 For the purposes of this subsection, "electric vehicle
13 charger-ready" means having sufficient wiring conduits,
14 raceways, and termination points to support a minimum of
15 40-ampere, 208 or 240-volt branch circuits, and electrical panel
16 capacity suitable to provide Level 2 charging consistent with an
17 alternating current Level 2 charging station, as defined in
18 section 269-72."

19 SECTION 3. (a) The Hawaii state energy office, in
20 consultation with the department of accounting and general
21 services and department of transportation, shall survey existing



1 state facilities statewide that include parking and prioritize
2 retrofitting these state facilities in accordance with readily
3 available information, including location, expected future
4 demand for charging, estimated costs for retrofits of parking
5 stalls, other make-ready work, other planned improvements that
6 would allow for electric vehicle charger-ready retrofit work to
7 be performed at the same time, and other factors that the Hawaii
8 state energy office deems relevant.

9 (b) The Hawaii state energy office shall submit a report
10 to the legislature no later than twenty days prior to the
11 convening of the regular session of 2026. The report shall
12 include the results of the survey conducted pursuant to
13 subsection (a), identifying between four to ten high-priority
14 state facilities to be retrofitted to include electric vehicle
15 charging infrastructure.

16 SECTION 4. It shall be the goal of the State to retrofit
17 state facilities to be electric vehicle charger-ready.

18 SECTION 5. There is appropriated out of the general
19 revenues of the State of Hawaii the sum of \$300,000 or so much
20 thereof as may be necessary for fiscal year 2025-2026 and the
21 same sum or so much thereof as may be necessary for fiscal year



1 2026-2027 to conduct detailed cost assessments to determine the
2 cost to install, or contract for the installation of, retrofits
3 and electric vehicle charging systems at the high-priority state
4 facilities identified pursuant to section 3 of this Act and to
5 perform, or contract for, these installations.

6 The sums appropriated shall be expended by the department
7 of accounting and general services for the purposes of this Act.

8 SECTION 6. New statutory material is underscored.

9 SECTION 7. This Act shall take effect on July 1, 2025.

10 INTRODUCED BY: _____

A handwritten signature in black ink, appearing to be 'C. Am', is written over a horizontal line.

S.B. NO. 1089

Report Title:

HSEO; DOT; DAGS; Electric Vehicle Charging Infrastructure; State Buildings; Retrofitting; Appropriation

Description:

Requires the design of all new state building construction where parking is to be included to provide that at least twenty-five per cent of parking stalls be electric vehicle charger-ready. Requires the Hawaii State Energy Office, in consultation with the Department of Accounting and General Services and Department of Transportation, to conduct a survey and identify certain high-priority state facilities. Establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready. Requires a report to the Legislature. Appropriates funds.

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