

JAN 15 2025

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 has grown in recent years and is
3 expected to continue to grow at increasing rates. There is a
4 need for a network of charging infrastructure to support this
5 growth and ensure that there is an equitable transition to clean
6 transportation.

7 The legislature also finds that the clean energy transition
8 will be facilitated by shifting energy demand from peak times to
9 times during the day when renewable energy is abundant. Because
10 of this need, the public utilities commission announced plans to
11 implement a time-of-use pilot program to encourage people to
12 shift energy use away from peak hours, under which rates will be
13 higher between the hours of 5:00 p.m. to 9:00 p.m. and lower at
14 other times of the day. Hawaiian Electric randomly selected
15 nearly seventeen thousand residential and business customers
16 primarily on Oahu and Hawaii island, with some eligible Maui
17 customers who opt in, to participate in the one-year time-of-use



1 pilot program, called Shift and Save, beginning in February
2 2024. The Shift and Save program will collect data and feedback
3 to determine whether and how the program would apply to all
4 customers in the future. In order to facilitate this shift,
5 electric vehicle drivers will need access to workplace charging.
6 In addition, workplace charging will offer a convenient option
7 for charging, which may open up the possibility to purchase an
8 electric vehicle for people who may not have access to charging
9 at home, including many low- and moderate-income families. For
10 these reasons, the legislature further finds that there is a
11 need for more workplace charging infrastructure and that the
12 State should lead by example by expanding workplace charging
13 availability in state facilities.

14 The purpose of this Act is to:

15 (1) Require that if parking is to be included in any new
16 state building construction, the design provide that
17 at least twenty-five per cent of parking stalls be
18 electric vehicle charger-ready;

19 (2) Require the Hawaii state energy office to conduct a
20 survey and identify certain high-priority state
21 facilities having parking;



- 1 (3) Establish a goal of the State to retrofit state
- 2 facilities to be electric vehicle charger-ready; and
- 3 (4) Appropriate funds to the department of accounting and
- 4 general services to assess the costs of and install
- 5 retrofits and electric vehicle charging systems at
- 6 high-priority state facilities.

7 SECTION 2. Section 107-27, Hawaii Revised Statutes, is

8 amended by amending subsection (d) to read as follows:

9 "(d) Beginning July 1, 2023, where feasible and cost-

10 effective, the design of all new state building construction

11 shall:

- 12 (1) Maximize energy and water efficiency measures;
- 13 (2) Maximize energy generation potential; and
- 14 (3) Use building materials that reduce the carbon
- 15 footprint of the project.

16 Beginning July 1, 2025, where feasible and cost-effective,

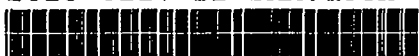
17 the design of all new state building construction where parking

18 is to be included shall provide that at least twenty-five per

19 cent of parking stalls be electric vehicle charger-ready.

20 For the purposes of this subsection, "electric vehicle

21 charger-ready" means having sufficient wiring, conduits,



1 raceways, and termination points to support a minimum of
2 40-ampere, 208 or 240-volt branch circuits, and electrical panel
3 capacity suitable to provide Level 2 charging consistent with an
4 alternating current Level 2 charging station, as defined in
5 section 269-72."

6 SECTION 3. (a) The Hawaii state energy office, in
7 consultation with the department of accounting and general
8 services and the department of transportation, shall survey
9 existing state facilities statewide that include parking and
10 shall prioritize retrofitting these state facilities in
11 accordance with readily available information, including
12 location, expected future demand for charging, estimated costs
13 for retrofits of parking stalls, other make-ready work, other
14 planned improvements that would allow for electric vehicle
15 charger-ready retrofit work to be performed at the same time,
16 and other factors that the Hawaii state energy office deems
17 relevant.

18 (b) The Hawaii state energy office shall submit a report
19 to the legislature no later than twenty days prior to the
20 convening of the regular session of 2026. The report shall
21 include the results of the survey conducted pursuant to



1 subsection (a), identifying between four to ten high-priority
2 state facilities to be retrofitted to include electric vehicle
3 charging infrastructure.

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

6 SECTION 5. There is appropriated out of the general
7 revenues of the State of Hawaii the sum of \$200,000 or so much
8 thereof as may be necessary for fiscal year 2025-2026 and the
9 same sum or so much thereof as may be necessary for fiscal year
10 2026-2027 to conduct detailed cost assessments to determine the
11 cost to install, or contract for the installation of, retrofits
12 and electric vehicle charging systems at the high-priority state
13 facilities identified pursuant to section 3 of this Act and to
14 perform or contract for these installations.

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

17 SECTION 6. New statutory material is underscored.

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

19

INTRODUCED BY:



S.B. NO. 230

Report Title:

HSEO; DOT; DAGS; Electric Vehicle Charging Infrastructure; State Buildings; Retrofitting; Report; Appropriations

Description:

Requires that if parking is to be included in any new state building construction, the design 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 the 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.

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

