
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 p.m. to 9 p.m. and lower at other
14 times of the day. Hawaiian Electric randomly selected nearly
15 seventeen thousand residential and business customers primarily
16 on Oahu and Hawaii island, with some eligible Maui customers who
17 opt in, to participate in the one-year time-of-use pilot



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

13 The purpose of this Act is to:

- 14 (1) Require that if parking is to be included in any new
15 state building construction, the design provide that
16 at least twenty-five per cent of parking stalls be
17 electric vehicle charger-ready;
- 18 (2) Require the Hawaii state energy office to conduct a
19 survey and identify certain high-priority state
20 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, 2024, 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 department of transportation, shall survey existing
9 state facilities statewide that include parking and prioritize
10 retrofitting these state facilities in accordance with readily
11 available information, including location, expected future
12 demand for charging, estimated costs for retrofits of parking
13 stalls, other make-ready work, other planned improvements that
14 would allow for electric vehicle charger-ready retrofit work to
15 be performed at the same time, and other factors that the Hawaii
16 state energy office deems relevant.

17 (b) The Hawaii state energy office shall submit a report
18 to the legislature no later than twenty days prior to the
19 convening of the regular session of 2025. The report shall
20 include the results of the survey conducted pursuant to
21 subsection (a), identifying between four to ten high-priority



1 state facilities to be retrofitted to include electric vehicle
2 charging infrastructure.

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

5 SECTION 5. There is appropriated out of the general
6 revenues of the State of Hawaii the sum of \$200,000 or so much
7 thereof as may be necessary for fiscal year 2024-2025 to conduct
8 detailed cost assessments to determine the cost to install, or
9 contract for the installation of, retrofits and electric vehicle
10 charging systems at the high-priority state facilities
11 identified pursuant to section 3 of this Act and to perform, or
12 contract for, these installations.

13 The sum appropriated shall be expended by the department of
14 accounting and general services for the purposes of this Act.

15 SECTION 6. In accordance with section 9 of article VII of
16 the Hawaii State Constitution and sections 37-91 and 37-93,
17 Hawaii Revised Statutes, the legislature has determined that the
18 appropriations contained in H.B. No. , will cause the state
19 general fund expenditure ceiling for fiscal year 2024-2025 to be
20 exceeded by \$ or per cent. In addition, the
21 appropriation contained in this Act will cause the general fund



H.B. NO. 1829

Report Title:

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

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 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.

