
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 increase the
7 possibility of purchasing 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 finds that there is a need for more workplace charging and that
11 the State should lead by example by expanding workplace charging
12 availability in state facilities.

13 The purpose of this Act is to:

- 14 (1) Require the design of all new state building
15 construction where parking is to be included to
16 provide that at least twenty-five per cent of parking
17 stalls be 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 that include parking to be retrofitted to
21 include electric vehicle charging infrastructure;



- 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, shall survey existing state facilities statewide that
9 include parking and prioritize retrofitting these state
10 facilities in accordance with readily available information,
11 including location, expected future demand for charging,
12 estimated costs for retrofits of parking stalls, other make-
13 ready work, other planned improvements that would allow for
14 electric vehicle charger-ready retrofit work to be performed at
15 the same time, and other factors that the Hawaii state energy
16 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 \$ or so
7 much thereof as may be necessary for fiscal year 2024-2025 to
8 conduct detailed cost assessments to determine the cost to
9 install, or contract for the installation of, retrofits and
10 electric vehicle charging systems at the high-priority state
11 facilities identified pursuant to section 3 of this Act and to
12 perform, or 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



1 expenditure ceiling for fiscal year 2024-2025 to be further
2 exceeded by \$ or per cent. The combined total
3 amount of general fund appropriations contained in only these
4 two Acts will cause the state general fund expenditure ceiling
5 for fiscal year 2024-2025 to be exceeded by
6 \$ or per cent. The reasons for exceeding the
7 general fund expenditure ceiling are that:

- 8 (1) The appropriation made in this Act is necessary to
9 serve the public interest; and
10 (2) The appropriation made in this Act meets the needs
11 addressed by this Act.

12 SECTION 7. New statutory material is underscored.

13 SECTION 8. This Act shall take effect on July 1, 2491.



Report Title:

HSEO; DAGS; Electric Vehicle Charging Infrastructure; State Buildings; Retrofitting; Expenditure Ceiling; 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, 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. Declares that the general fund expenditure ceiling is exceeded. Appropriates funds. Takes effect 7/1/2491. (SD1)

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