
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 recently announced
11 plans to implement a time-of-use pilot program to encourage
12 people to shift energy use away from peak hours, under which
13 rates will be higher between the hours of 5 p.m. to 9 p.m. and
14 lower at other times of the day. In order to facilitate this
15 shift, electric vehicle drivers will need access to workplace
16 charging. In addition, workplace charging will offer a
17 convenient option for charging, which may open up the



1 possibility to purchase an electric vehicle for people who may
2 not have access to charging at home, including many low- and
3 moderate-income families. For these reasons, the legislature
4 further finds that there is a need for more workplace charging
5 and that the State should lead by example by expanding workplace
6 charging availability in state facilities.

7 The purpose of this Act is to:

- 8 (1) Require that new state facilities be designed to be
9 electric vehicle charger-ready;
- 10 (2) Require that at least twenty-five per cent of newly
11 added parking stalls be electric vehicle
12 charger-ready;
- 13 (3) Require the Hawaii state energy office to conduct a
14 survey and identify certain high-priority state
15 facilities having parking;
- 16 (4) Establish a goal of the State to retrofit state
17 facilities to be electric vehicle charger-ready; and
- 18 (5) Appropriate moneys to the department of accounting and
19 general services to assess the costs of, and install,
20 electric vehicle charging retrofits.



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

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

6 (1) Maximize energy and water efficiency measures;

7 (2) Maximize energy generation potential; [~~and~~]

8 (3) Use building materials that reduce the carbon
9 footprint of the project[-]; and

10 (4) If parking is to be included, provide that at least
11 twenty-five per cent of parking stalls be electric
12 vehicle charger-ready.

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



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

12 (b) The Hawaii state energy office shall submit a report
13 to the legislature no later than twenty days prior to the
14 convening of the regular session of 2024. The report shall
15 include the results of the survey conducted pursuant to
16 subsection (a), identifying between four to ten high-priority
17 state facilities to be retrofitted to include electric vehicle
18 charging infrastructure.

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



1 SECTION 5. There is appropriated out of the general
2 revenues of the State of Hawaii the sum of \$ or so
3 much thereof as may be necessary for fiscal year 2023-2024 and
4 the same sum or so much thereof as may be necessary for fiscal
5 year 2024-2025 to conduct detailed cost assessments to determine
6 the cost to install, or contract for the installation of,
7 retrofits and electric vehicle charging systems at the high-
8 priority state facilities identified pursuant to section 3 of
9 this Act and to perform, or contract for, these installations.

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

12 SECTION 6. Statutory material to be repealed is bracketed
13 and stricken. New statutory material is underscored.

14 SECTION 7. This Act shall take effect on July 1, 3000.



Report Title:

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

Description:

Requires that new state facilities be designed to be electric vehicle charger-ready. Requires that 25% 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. Effective 7/1/3000. (SD2)

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