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# 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 day. In order to facilitate this shift,  
15 electric vehicle drivers will need access to workplace charging.  
16 In addition, workplace charging will offer a convenient option  
17 for charging, which may open up the possibility to purchase an



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

7 The purpose of this Act is to:

- 8 (1) Require that the design of new state facilities be  
9 electric vehicle charger-ready;
- 10 (2) Require at least twenty-five per cent of newly added  
11 parking stalls to be electric vehicle charger-ready;
- 12 (3) Require the Hawaii state energy office to survey and  
13 identify high priority state facilities with parking  
14 for which the office will conduct cost assessments on  
15 retrofitting for electric vehicle charging  
16 infrastructure; and
- 17 (4) Establish a goal of the State to retrofit state  
18 facilities to be electric vehicle charger-ready.

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 [~~-~~]; and
- 8           (4) When including parking, provide at least twenty-five  
9 per cent of parking stalls that are electric vehicle  
10 charger-ready.

11                       For the purposes of this paragraph, "electric  
12 vehicle charger-ready" means having sufficient wire,  
13 conduit, raceway, termination point to support a  
14 minimum of 40-ampere, 208 or 240-volt branch circuits,  
15 and electrical panel capacity suitable to provide  
16 Level 2 charging consistent with an "alternating  
17 current Level 2 charging station" as that term is  
18 defined in 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 develop and



1 apply filters by which to survey existing state facilities  
2 statewide that include parking and to prioritize retrofitting  
3 state facilities with readily available information that may  
4 include location, expected future demand for charging, estimated  
5 costs for retrofits of parking stalls, other make-ready work,  
6 whether other improvements are planned that would allow for  
7 electric vehicle charger-ready retrofit work to be performed at  
8 the same time, and other factors deemed relevant to its  
9 assessment.

10 (b) The Hawaii state energy office shall submit a report  
11 to the legislature no later than twenty days prior to the  
12 convening of the regular session of 2024. The report shall  
13 include the results of the survey conducted pursuant to  
14 subsection (a), identifying between four to ten high priority  
15 facilities to conduct detailed cost assessments to retrofit for  
16 electric vehicle charging infrastructure.

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

19 SECTION 5. There is appropriated out of the general  
20 revenues of the State of Hawaii the sum of \$ or so  
21 much thereof as may be necessary for fiscal year 2023-2024 and



1 the same sum or so much thereof as may be necessary for fiscal  
2 year 2024-2025 to conduct detailed cost assessments and to  
3 install or contract for the installation of retrofits and  
4 electric vehicle charging systems at the selected state  
5 facilities pursuant to section 3 of this Act.

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. Statutory material to be repealed is bracketed  
9 and stricken. New statutory material is underscored.

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



**Report Title:**

Electric Vehicle Charging Infrastructure; State Buildings;  
Retrofitting; Hawaii State Energy Office; Appropriation

**Description:**

Requires that the design of new state facilities be electric vehicle charger-ready. Requires twenty-five percent of parking stalls to 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 survey and identify high priority state facilities for which the office will consider cost assessments for retrofitting. 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. (SD1)

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

