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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 the Hawaii state energy office to survey and  
11 identify high priority state facilities with parking  
12 for which the office will conduct cost assessments on  
13 retrofitting for electric vehicle charging  
14 infrastructure; and
- 15 (3) Establish a goal of the State to retrofit state  
16 facilities to be electric vehicle charger-ready.

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

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



- 1 (1) Maximize energy and water efficiency measures;
- 2 (2) Maximize energy generation potential; [~~and~~]
- 3 (3) Use building materials that reduce the carbon
- 4 footprint of the project[-]; and
- 5 (4) Include parking areas that are electric vehicle
- 6 charger-ready.

7 For the purposes of this paragraph, "electric  
 8 vehicle charger-ready" means having sufficient wire,  
 9 conduit, raceway, termination point to support a  
 10 minimum of 40-ampere, 208 or 240-volt branch circuits,  
 11 and electrical panel capacity suitable to provide  
 12 Level 2 charging consistent with an "alternating  
 13 current Level 2 charging station" as that term is  
 14 defined in section 269-72."

15 SECTION 3. (a) The Hawaii state energy office, in  
 16 consultation with the department of accounting and general  
 17 services and department of transportation, shall develop and  
 18 apply filters by which to survey existing state facilities  
 19 statewide that include parking and to prioritize retrofitting  
 20 state facilities with readily available information that may  
 21 include location, expected future demand for charging, estimated



1 costs for retrofits of parking stalls, other make-ready work,  
2 whether other improvements are planned that would allow for  
3 electric vehicle charger-ready retrofit work to be performed at  
4 the same time, and other factors deemed relevant to its  
5 assessment.

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

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

15 SECTION 5. There is appropriated out of the general  
16 revenues of the State of Hawaii the sum of \$ or so  
17 much thereof as may be necessary for fiscal year 2023-2024 and  
18 the same sum or so much thereof as may be necessary for fiscal  
19 year 2024-2025 to conduct detailed cost assessments and to  
20 install or contract for the installation of retrofits and



1 electric vehicle charging systems at the selected state  
2 facilities pursuant to section 3 of this Act.

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

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

7 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 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. Appropriates funds. Effective 7/1/3000. (HD2)

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