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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 determine a  
 11 priority order for retrofitting state facilities based  
 12 on consideration of location, expected future demand  
 13 for charging, estimated costs for retrofits of parking  
 14 stalls, other make-ready work, other planned  
 15 improvements, and other relevant factors; and
- 16 (3) Establish a goal of the State to retrofit state  
 17 facilities to be electric vehicle charger-ready.

18 SECTION 2. Section 107-27, Hawaii Revised Statutes, is  
 19 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) Include parking areas that are electric vehicle  
9           charger-ready.

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

18           SECTION 3. (a) The Hawaii state energy office, in  
19 consultation with the department of accounting and general  
20 services and department of transportation, shall evaluate  
21 existing state facilities statewide that include parking and

1 determine a priority order for retrofitting state facilities  
2 based on consideration of location, expected future demand for  
3 charging, estimated costs for retrofits of parking stalls, other  
4 make-ready work, whether other improvements are planned that  
5 would allow for electric vehicle charger-ready retrofit work to  
6 be performed at the same time, and other factors deemed relevant  
7 to its assessment.

8 (b) The Hawaii state energy office shall submit a report  
9 to the legislature no later than twenty days prior to the  
10 convening of the regular session of 2024. The report shall  
11 include the results of the evaluation conducted pursuant to  
12 subsection (a), including estimated costs to retrofit the state  
13 facilities determined to be the five highest priorities.

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

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



1 retrofits and electric vehicle charging systems at the selected  
2 state 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.

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**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 determine a priority order for retrofitting state facilities based on certain factors. Establishes a goal of the State to retrofit state facilities to be electric vehicle charger-ready. Appropriates funds. Effective 7/1/3000. (HD1)

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