
A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLES.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that the State's
2 dependence on imported fossil fuels costs billions of dollars
3 each year. The legislature also finds that ground
4 transportation accounts for approximately one-third of all
5 imported oil consumed in the State. Accordingly, any increase
6 in the price of imported fuel creates significant burdens on the
7 economy and increases costs to local families.

8 The legislature notes that alternative vehicles and methods
9 of transportation can help to alleviate the economic and
10 financial burden of fossil fuels. However, in order for local
11 consumers and families to benefit from alternative vehicles and
12 reduce their reliance on vehicles that use fossil fuels, the
13 State must make significant efforts to establish critical
14 electric vehicle infrastructure, including but not limited to
15 electric vehicle charging stations. The legislature further
16 finds that other states and municipalities have set standards
17 for new construction to include "electric vehicle ready", or "EV



1 ready", parking stalls, thus ensuring the efficient
2 implementation of electric vehicle charging stations in the
3 future.

4 The legislature recognizes that the majority of electric
5 vehicle drivers currently use their respective homes as the
6 primary site for charging their vehicles. Therefore, in order
7 to increase the use of electric vehicles, the legislature
8 believes that the State needs to expand access to electric
9 vehicle charging stations in new state building construction.
10 Estimates show that electric vehicle infrastructure costs only
11 account for less than one per cent of the total construction
12 costs of a project, while the cost to retrofit existing
13 buildings can cost more than three times this amount.

14 Furthermore, the legislature notes that because there are
15 currently projects in the process of receiving building permits,
16 it is the intent of the legislature that this Act not affect
17 these projects.

18 Accordingly, the purpose of this Act is to require that
19 newly constructed state buildings include parking stalls that
20 are pre-wired for electric vehicle charging stations. For the
21 avoidance of doubt, this Act does not require that the affected



1 parking stalls become dedicated electric vehicle stalls upon
2 becoming "EV ready".

3 SECTION 2. Chapter 103, Hawaii Revised Statutes, is
4 amended by adding a new section to part II to be appropriately
5 designated and to read as follows:

6 "§103- State building construction and reconstruction;
7 requirements. (a) All new state building construction and
8 state building reconstruction shall include at least twenty
9 parking stalls within the building's parking structure that are
10 electric vehicle charger ready; provided that the requirements
11 of this subsection shall not apply to the following:

12 (1) Any adjacent existing structure located within the
13 applicable construction site that is not being
14 reconstructed, renovated, retrofitted, or otherwise
15 modified and is not listed on the applicable building
16 permit application;

17 (2) Any renovation or retrofit in which the overall square
18 footage of the structure changes by less than twenty-
19 five per cent or seven thousand five hundred square
20 feet; or



1 (2) Any new state building construction or state building
2 reconstruction for which efforts to obtain a building
3 permit began prior to July 1, 2020.

4 (b) As used in this section:

5 "Electric vehicle charger ready" means having sufficient
6 wiring, conduit, electrical panel service capacity, overcurrent
7 protection devices, and suitable termination points to connect
8 to an electric vehicle charger capable of providing a minimum of
9 208 or 240 volt branch circuit.

10 "State building construction" means any building
11 construction project or program initiated by a state agency or
12 requiring the use of state funds.

13 "State building reconstruction" means any building
14 reconstruction project or program initiated by a state agency or
15 requiring the use of state funds in which the overall square
16 footage of the building changes by twenty-five per cent or seven
17 thousand five hundred square feet, whichever is less."

18 SECTION 3. New statutory material is underscored.

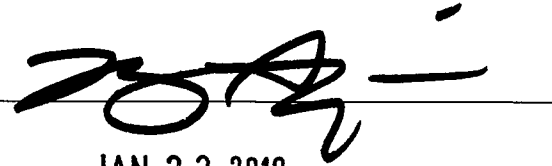


H.B. NO. 1090

1 SECTION 4. This Act shall take effect on July 1, 2020.

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INTRODUCED BY:

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JAN 23 2019



H.B. NO. 1090

Report Title:

State Buildings; New Construction; Electric Vehicles; Pre-Wired; Charging Stations

Description:

Requires that certain state building construction and reconstruction projects or programs include at least 20 parking stalls that are pre-wired for electric vehicle charging stations.

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