A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLES.

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

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

The legislature notes that alternative vehicles and methods
of transportation can help to alleviate the economic and
financial burden of fossil fuels. However, in order for local
consumers and families to benefit from alternative vehicles and
reduce their reliance on vehicles that use fossil fuels, the
State must make significant efforts to establish critical
electric vehicle infrastructure, including but not limited to
electric vehicle charging stations. The legislature further
finds that other states and municipalities have set standards
for new construction to include "electric vehicle ready", or "EV
ready"., parking stalls, thus ensuring the efficient
implementation of electric vehicle charging stations in the
future.

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

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

Accordingly, the purpose of this Act is to require that
newly constructed state buildings include parking stalls that
are pre-wired for electric vehicle charging stations. For the
avoidance of doubt, this Act does not require that the affected
parking stalls become dedicated electric vehicle stalls upon becoming "EV ready".

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

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

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

(2) Any renovation or retrofit in which the overall square footage of the structure changes by less than twenty-five per cent or seven thousand five hundred square feet; or
(2) Any new state building construction or state building reconstruction for which efforts to obtain a building permit began prior to July 1, 2020.

(b) As used in this section:

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

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

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

SECTION 3. New statutory material is underscored.
SECTION 4. This Act shall take effect on July 1, 2020.

INTRODUCED BY:  

JAN 23 2019
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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