
A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

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

1 PART I

2 SECTION 1. The legislature finds that climate change
3 caused by greenhouse gas emissions from the burning of fossil
4 fuels poses a serious threat to the economic well-being, public
5 health, natural resources, and environment of Hawaii. The State
6 has committed to the elimination of fossil fuels from both the
7 electricity and ground transportation sectors and has also
8 committed to abiding by the Paris Climate Accord's goal to limit
9 global warming to less than 1.5 degrees Celsius.

10 The legislature finds that electric vehicles can be powered
11 by electricity generated from local, renewable energy resources
12 and offer lower fuel and operating costs. Due to these
13 advantages, electric vehicles must play an important role in
14 helping the State achieve its clean energy goals and
15 commitments.

16 The legislature finds that it is necessary for the State to
17 implement policies that help catalyze the development of the



1 charging facilities necessary to support the large-scale
2 adoption of electric vehicles.

3 The legislature further finds that the current requirements
4 for designating parking spaces and providing charging facilities
5 for electric vehicles are not adequate to meet the charging
6 needs of the State's population.

7 The purpose of this Act is to strengthen the State's
8 electric vehicle charging requirements by:

- 9 (1) Parking facilities to provide electric vehicle supply
10 equipment to at least one parking space per one
11 hundred parking spaces to be designated exclusively
12 for electric vehicles;
- 13 (2) Creating a ratio to calculate the total number of
14 electric vehicle stalls that a parking facility with
15 more than one hundred public parking spaces must have,
16 beginning July 1, 2021; and
- 17 (3) Authorizing the director of transportation to fine
18 properties that are not in compliance with electric
19 vehicle parking space requirements.

20 SECTION 2. Section 291-71, Hawaii Revised Statutes, is
21 amended to read as follows:



1 "§291-71 Designation of parking spaces for electric
2 vehicles; [~~charging system.~~] provision of electric vehicle
3 supply equipment. (a) [~~Places of public accommodation]~~ A
4 parking facility with at least one hundred parking spaces
5 available for use by the general public shall [~~have]~~ provide
6 electric vehicle supply equipment to at least one parking space
7 per one hundred parking spaces to be designated exclusively for
8 electric vehicles [~~and equipped with an electric vehicle~~
9 ~~charging system located anywhere in the parking structure or~~
10 ~~lot]~~ by July 1, 2012 [~~7~~]. Parking spaces designated for electric
11 vehicles may be located anywhere within the parking facility and
12 may require payment for use; provided that no parking space
13 designated for electric vehicles shall displace or reduce
14 accessible stalls required by the Americans with Disabilities
15 Act Accessibility Guidelines. Spaces shall be designated,
16 clearly marked, and the exclusive designation enforced. [~~Owners~~
17 ~~of multiple parking facilities within the State may designate~~
18 ~~and electrify fewer parking spaces than required in one or more~~
19 ~~of their owned properties; provided that the scheduled~~
20 ~~requirement is met for the total number of aggregate spaces on~~
21 ~~all of their owned properties.] If a parking facility is owned,~~



1 leased, or managed by multiple entities, the owners, lessees, or
2 managers, as applicable, shall be jointly responsible for
3 complying with this section.

4 (b) Beginning July 1, 2021, a parking facility with more
5 than one hundred total public parking spaces shall be required
6 to achieve two electric vehicle supply equipment for every one
7 hundred public parking spaces.

8 (c) Beginning July 1, 2024, a parking facility with more
9 than one hundred total parking spaces shall be required to
10 achieve three electric vehicle supply equipment for every one
11 hundred public parking spaces.

12 (d) The director of transportation may exempt a parking
13 facility from some or all of the requirements of this section if
14 documented cost estimates from a state-licensed electrician are
15 provided that state that meeting the requirements of this
16 section with any combination of electric vehicle supply
17 equipment levels would result in construction, equipment, and
18 installation costs that exceed the greater of \$200 multiplied by
19 the total number of parking spaces within the parking facility.

20 ~~[-(b)-]~~ (e) For the purposes of this section:

21 "Electric vehicle" means:



1 (1) A neighborhood electric vehicle as defined in section
2 286-2; or

3 (2) A vehicle, with four or more wheels, that draws
4 propulsion energy from a battery with at least four
5 kilowatt hours of energy storage capacity that can be
6 recharged from an external source of electricity.

7 [~~"Electric vehicle charging system"~~] "Electric vehicle
8 supply equipment" means a system that [+

9 ~~(1) Is] is~~ is capable of providing electricity from a non-
10 vehicle source to charge the batteries of one or more
11 electric vehicles [+

12 ~~(2) Meets recognized standards, including standard SAE~~
13 ~~J1772 of SAE International; and~~

14 ~~(3) Is designed and installed in compliance with article~~
15 ~~625 of the National Electrical Code].~~

16 "Parking facility" means all parking spaces within a single
17 parking garage or a contiguous parking lot; provided that shared
18 parking lots that:

19 (1) Serve multiple businesses or uses;

20 (2) Span multiple tax parcels; or



1 condominiums, cooperative housing corporations, and planned
2 community associations.

3 (b) The working group shall examine the issues regarding
4 the installation of electric vehicle supply equipment and
5 develop solutions for providing parking spaces with electric
6 vehicle supply equipment without relying on funding from
7 ratepayers or other tax revenues, including possible
8 establishment of a tariff by the public utilities commission to
9 fund charging infrastructure over a period of time.

10 (c) The following individuals or their designees shall
11 serve as members of the working group:

12 (1) The director of business, economic development, and
13 tourism, who shall serve as the chairperson of the
14 working group;

15 (2) The director of commerce and consumer affairs;

16 (3) One representative from the division of consumer
17 advocacy;

18 (4) The chair of the committee on consumer protection and
19 commerce of the house of representatives;

20 (5) The chair of the committee on commerce, consumer
21 protection, and health of the senate;



- 1 (6) The chair of the committee on energy and environmental
2 protection of the house of representatives;
- 3 (7) The chair of the committee on transportation and
4 energy of the senate;
- 5 (8) Two representatives of the Community Associations
6 Institute;
- 7 (9) Two representatives from Hawaii EV Partnership;
- 8 (10) One representative from the Building Industry
9 Association of Hawaii; and
- 10 (11) One representative from Hawaiian Electric Company.
- 11 (d) The working group shall report its findings and
12 recommendations, including any proposed legislation, to the
13 legislature no later than twenty days prior to the convening of
14 the regular session of 2019.
- 15 (e) The legislative reference bureau shall assist the
16 working group with its final report to the legislature and
17 prepare any proposed legislation.
- 18 (f) The working group shall be dissolved on December 30,
19 2018.



1 PART III

2 SECTION 4. Statutory material to be repealed is bracketed
3 and stricken. New statutory material is underscored.

4 SECTION 5. This Act shall take effect on January 1, 2020.



Report Title:

DOT; Parking Facilities; Electric Vehicles; Charging
Infrastructure

Description:

Expands the State's existing electric vehicle charging requirements to include public parking lots. Creates a ratio to calculate the total number of electric vehicle parking stalls a parking facility with more than 100 stalls must have beginning 7/1/2021. Allows the director of transportation to fine properties not in compliance with the electric vehicle parking requirements. Establishes a working group to address the installation of electric vehicle supply equipment at apartments, condominiums, cooperative housing corporations, and planned community associations. (HB2274 HD1)

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