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# A BILL FOR AN ACT

RELATING TO THE ENVIRONMENT.

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

1           SECTION 1. The legislature finds that the State of Hawaii  
2 has made significant progress in implementing policy to reduce  
3 the use of fossil fuels for energy generation. However, more  
4 than two-thirds of the fossil fuel imported into the State is  
5 used for transportation, which is not included in Hawaii's one  
6 hundred per cent renewable energy policy. Therefore, the  
7 legislature finds that the State must accelerate a transition to  
8 cleaner transportation to reach its carbon emissions reduction  
9 goals.

10           Although the cost of electric vehicles has decreased and  
11 continues to drop, the lack of electric vehicle charging systems  
12 remains a barrier to the more widespread adoption of electric  
13 vehicles. Creating incentives to build out a more robust  
14 electric vehicle infrastructure will make electric vehicles a  
15 viable option for more consumers, especially those who may not  
16 have a rooftop solar system that allows them to charge their  
17 electric vehicles at home at a lower cost.



1 The purpose of this Act is to create a program to be  
2 administered by the public utilities commission that offers  
3 rebates for the installation of new electric vehicle charging  
4 systems or the upgrade of existing electric vehicle charging  
5 systems.

6 SECTION 2. Chapter 269, Hawaii Revised Statutes, is  
7 amended by adding two new sections to be appropriately  
8 designated and to read as follows:

9 **"§269-A Electric vehicle charging system; rebate program.**

10 (a) The public utilities commission, in consultation with  
11 electric vehicle stakeholders and the state energy office, shall  
12 administer a rebate program that incentivizes the installation  
13 or upgrade of an electric vehicle charging system, as provided  
14 in this section, and may contract with a third-party  
15 administrator pursuant to section 269-B to operate and manage  
16 the rebate program.

17 (b) An applicant may be eligible for a rebate under the  
18 rebate program if the applicant:

19 (1) Installs a new electric vehicle charging system where  
20 none previously existed to either:



1           (A) An alternating current Level 2 station with two  
2           or more ports that provide electricity to two or  
3           more electric vehicles; or

4           (B) A direct current fast charging system; or

5        (2) Upgrades an existing electric vehicle charging system  
6        to either:

7           (A) An alternating current Level 2 station with two  
8           or more ports that provide electricity to two or  
9           more electric vehicles; or

10          (B) A direct current fast charging system.

11        (c) Subject to subsection (d), rebates shall be  
12        distributed as follows:

13        (1) Each eligible installation of an electric vehicle  
14        charging system shall receive:

15           (A) \$4,500 for the installation of an alternating  
16           current Level 2 station with two or more ports;  
17           and

18           (B) \$35,000 for the installation of a direct current  
19           fast charging system; and

20        (2) Each eligible upgrade of an electric vehicle charging  
21        system shall receive:



1           (A) \$3,000 for the upgrade to an alternating current  
2           Level 2 station with two or more ports; and  
3           (B) \$28,000 for the upgrade to a direct current fast  
4           charging system.

5           (d) The public utilities commission shall not issue more  
6           than \$500,000 in total rebates under this section each fiscal  
7           year.

8           (e) The public utilities commission shall:

9           (1) Prepare any forms that may be necessary for an  
10           applicant to claim a rebate pursuant to this section;  
11           and

12           (2) Require each applicant to furnish reasonable  
13           information to ascertain the validity of the claim,  
14           including but not limited to documentation necessary  
15           to demonstrate that the installation or upgrade for  
16           which the rebate is claimed is eligible.

17           (f) This section shall apply to electric vehicle charging  
18           systems that are installed or upgraded after December 31, 2019.

19           (g) Applicants shall submit applications to the public  
20           utilities commission within twelve months of the date that the  
21           newly installed or upgraded charging system is placed into



1 service to claim a rebate from the electric vehicle charging  
2 system rebate program. Failure to apply to the commission  
3 within twelve months of the date that the newly installed or  
4 upgraded charging system is placed into service shall constitute  
5 a waiver of the right to claim the rebate.

6 (h) Nothing in this section shall alter taxes due on the  
7 original purchase or upgrade price of an electric vehicle  
8 charging system prior to the application of the rebate. Any  
9 rebate received pursuant to the electric vehicle charging system  
10 rebate program shall not be considered income for the purposes  
11 of state or county taxes.

12 (i) In administering the electric vehicle charging system  
13 rebate program, the public utilities commission shall give  
14 consideration to the following guidelines:

15 (1) Priority should be given to electric vehicle charging  
16 systems that are publicly available, serve multiple  
17 tenants, employees, or customers, or serve electric  
18 vehicle fleets;

19 (2) Electric vehicle charging system rebates should  
20 enhance broader public clean energy and grid  
21 resiliency goals by supporting deployment of electric



1 vehicle charging systems that can regulate their time  
2 of use, be networked and co-optimized with other  
3 electric vehicle charging systems, and otherwise  
4 provide grid services or other benefits to the utility  
5 and electric grid; and

6 (3) Electric vehicle charging systems that serve a single  
7 person, such as a reserved parking stall or a single-  
8 family residence, shall not be eligible for rebates.

9 (j) As used in this section:

10 "Alternating current Level 2 charging station", commonly  
11 referred to as "Level 2 charging station", means an electric  
12 vehicle charging system that utilizes alternating current  
13 electricity providing at least three kilowatts and means a  
14 system that:

15 (1) Is capable of providing electricity from a non-vehicle  
16 source to charge the batteries of one or more electric  
17 vehicles;

18 (2) Meets recognized standards and protocols including,  
19 but not limited to, Society of Automotive Engineers  
20 (SAE) J1772™ of SAE International and Tesla protocol;

21 and



1       (3) Is designed and installed in compliance with article  
2           625 of the National Electrical Code to appropriate  
3           Nationally Recognized Testing Laboratories' standards.

4       "Applicant" means an individual; non-profit or for-profit  
5       corporation; local, state, or federal government agency;  
6       homeowner association; or any other eligible entity as defined  
7       under rules adopted for the electric vehicle charging system  
8       rebate program.

9       "Direct current fast charging system", commonly referred to  
10       as "DC fast charging system", means an electric vehicle charging  
11       system that utilizes direct current electricity providing forty  
12       kilowatts or greater and:

13       (1) Is capable of providing electricity from a non-vehicle  
14           source to charge the batteries of one or more electric  
15           vehicles;

16       (2) Meets recognized standards and protocols, including,  
17           but not limited to, Society of Automotive Engineers  
18           (SAE) J1772™ of SAE International, Tesla protocol, and  
19           CHAdEMO protocol; and



1       (3) Is designed and installed in compliance with article  
2           625 of the National Electrical Code to appropriate  
3           Nationally Recognized Testing Laboratories' standards.

4       "Electric vehicle charging system" has the same meaning as  
5       Electric Vehicle Supply Equipment as defined in article 625.2 of  
6       the National Electrical Code, as amended.

7       §269-B Electric vehicle charging system; rebate program;  
8       administrator; establishment. (a) The public utilities  
9       commission may contract with a third-party administrator to  
10       operate and manage any programs established under section 269-A.  
11       The administrator shall not be deemed to be a "governmental  
12       body" as defined in section 103D-104; provided that all moneys  
13       transferred to the third-party administrator shall have been  
14       appropriated by the legislature or shall be from funds provided  
15       by the federal government or private funding sources. The  
16       administrator shall not expend more than ten per cent of the  
17       amounts appropriated for the rebate program or other reasonable  
18       percentage determined by the public utilities commission for  
19       administration of the programs established under section 269-A.

20       (b) The electric vehicle charging system rebate program  
21       administrator shall be subject to regulation by the public



1 utilities commission under any provision applicable to a public  
 2 utility in sections 269-7, 269-8, 269-8.2, 269-8.5, 269-9,  
 3 269-10, 269-13, 269-15, 269-19.5, and 269-28, and shall report  
 4 to the public utilities commission on a regular basis.  
 5 Notwithstanding any other provision of law to the contrary, the  
 6 electric vehicle charging system rebate program administrator  
 7 shall not be an electric public utility or an electric public  
 8 utility affiliate."

9 SECTION 3. There is appropriated out of the energy  
 10 security special fund the sum of \$150,000 or so much thereof as  
 11 may be necessary for fiscal year 2019-2020 and the sum of  
 12 \$250,000 or so much thereof as may be necessary for fiscal year  
 13 2020-2021 for deposit into the public utilities commission  
 14 special fund.

15 SECTION 4. There is appropriated out of the public  
 16 utilities commission special fund the sum of \$150,000 or so much  
 17 thereof as may be necessary for fiscal year 2019-2020 and the  
 18 sum of \$250,000 or so much thereof as may be necessary for  
 19 fiscal year 2020-2021 for the purposes authorized in section 2  
 20 of this Act.



1           The sums appropriated shall be expended by the public  
2 utilities commission for the purposes of this Act.

3           SECTION 5. In codifying the new sections added by section  
4 2 of this Act, the revisor of statutes shall substitute  
5 appropriate section numbers for the letters used in designating  
6 the new sections in this Act.

7           SECTION 6. New statutory material is underscored.

8           SECTION 7. This Act shall take effect on July 1, 2019.



**Report Title:**

Electric Vehicles Charging Systems; Rebate; Appropriation

**Description:**

Establishes a rebate program for installation of eligible new or upgraded multi-user electric vehicle charging systems. Authorizes the Public Utilities Commission to contract for third-party administration of the rebate program. Appropriates funds. (HB1585 CD1)

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

