

HOUSE BILL 1044

C5, M3

11r0642

By: **Delegate Hucker**

Introduced and read first time: February 11, 2011

Assigned to: Economic Matters

A BILL ENTITLED

1 AN ACT concerning

2 **Electricity – Electric Vehicle Charging Program**

3 FOR the purpose of requiring the Public Service Commission to establish by a certain
4 date a demand response program for charging electric vehicles; requiring each
5 electric company to participate in the charging program; requiring each electric
6 company to include the charging program in a certain service; authorizing a
7 competitive electricity supplier to participate in a charging program; requiring
8 an electric company to provide certain data to a certain electricity supplier,
9 subject to certain conditions; requiring the charging program to include certain
10 incentives; authorizing the charging program to include certain incentives;
11 requiring the Commission to submit a certain annual report to the Governor
12 and the General Assembly; and generally relating to a demand response
13 charging program for electric vehicles.

14 BY adding to
15 Article – Public Utilities
16 Section 7–309
17 Annotated Code of Maryland
18 (2010 Replacement Volume)

19 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF
20 MARYLAND, That the Laws of Maryland read as follows:

21 **Article – Public Utilities**

22 **7–309.**

23 **(A) IN THIS SECTION, “CHARGING PROGRAM” MEANS A DEMAND**
24 **RESPONSE PROGRAM FOR RESIDENTIAL, COMMERCIAL, AND GOVERNMENTAL**
25 **CUSTOMERS TO RECHARGE ELECTRIC VEHICLES DURING OFF–PEAK HOURS.**

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



1 **(B) ON OR BEFORE JANUARY 1, 2012, BY REGULATION OR ORDER, THE**
2 **COMMISSION SHALL ESTABLISH A CHARGING PROGRAM FOR ELECTRIC**
3 **CUSTOMERS TO RECHARGE ELECTRIC VEHICLES DURING**
4 **OFF-PEAK HOURS.**

5 **(C) (1) EACH ELECTRIC COMPANY SHALL PARTICIPATE IN THE**
6 **PROGRAM.**

7 **(2) EACH ELECTRIC COMPANY SHALL INCLUDE A CHARGING**
8 **PROGRAM IN ITS STANDARD OFFER SERVICE UNDER § 7-510 OF THIS TITLE.**

9 **(3) THE COMMISSION MAY ALLOW AN ELECTRIC COMPANY TO**
10 **PHASE IN IMPLEMENTATION OF A CHARGING PROGRAM TO DIFFERENT**
11 **GEOGRAPHIC AREAS AND CUSTOMER CLASSES.**

12 **(D) (1) A COMPETITIVE ELECTRICITY SUPPLIER MAY PARTICIPATE IN**
13 **THE CHARGING PROGRAM.**

14 **(2) AN ELECTRIC COMPANY SHALL PROVIDE TO A PARTICIPATING**
15 **COMPETITIVE ELECTRICITY SUPPLIER ALL METERING AND RELATED DATA**
16 **THAT THE ELECTRIC COMPANY COLLECTS THROUGH A PARTICIPATING**
17 **CUSTOMER'S METER.**

18 **(3) THE COMPETITIVE ELECTRICITY SUPPLIER SHALL MAINTAIN**
19 **THE CONFIDENTIALITY OF ANY DATA THAT THE ELECTRIC COMPANY SUPPLIES**
20 **TO IT UNDER PARAGRAPH (2) OF THIS SUBSECTION THAT THE ELECTRIC**
21 **COMPANY DESIGNATES AS CONFIDENTIAL.**

22 **(E) (1) THE PROGRAM SHALL INCLUDE INCENTIVES FOR CUSTOMERS**
23 **TO RECHARGE ELECTRIC VEHICLES IN A MANNER THAT WILL:**

24 **(I) INCREASE THE EFFICIENCY AND RELIABILITY OF THE**
25 **ELECTRIC DISTRIBUTION SYSTEM; AND**

26 **(II) LOWER ELECTRICITY USE AT TIMES OF HIGH DEMAND.**

27 **(2) INCENTIVES SHALL INCLUDE:**

28 **(I) TIME-OF-USE PRICING OF ELECTRICITY; AND**

29 **(II) CREDITS ON DISTRIBUTION CHARGES.**

30 **(3) INCENTIVES MAY INCLUDE:**

1 **(I) DIFFERENT TIME-OF-USE TARIFFS TO PROVIDE**
2 **GREATER SAVINGS TO CUSTOMERS THAT AGREE TO STRICTER PROGRAM**
3 **REQUIREMENTS;**

4 **(II) DIFFERENT TIME-OF-USE TARIFFS AND OTHER**
5 **PROGRAM REQUIREMENTS TO USERS OF DIFFERENT CLASSES OF ELECTRIC**
6 **VEHICLE, INCLUDING PLUG-IN AND HYBRID CARS, TRUCKS, AND MOTOR BIKES;**

7 **(III) REBATES ON THE COST OF CHARGING SYSTEMS; AND**

8 **(IV) OTHER INCENTIVES THE COMMISSION CONSIDERS**
9 **APPROPRIATE.**

10 **(F) ON OR BEFORE FEBRUARY 1 OF EACH YEAR, STARTING IN 2014,**
11 **THE COMMISSION SHALL SUBMIT TO THE GOVERNOR AND, IN ACCORDANCE**
12 **WITH § 2-1246 OF THE STATE GOVERNMENT ARTICLE, TO THE GENERAL**
13 **ASSEMBLY A REPORT ON THE IMPLEMENTATION OF THE CHARGING PROGRAM.**

14 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
15 July 1, 2011.