

HOUSE BILL 1427

E4
HB 1428/24 – JUD

5lr3027

By: **Delegates Miller, Rose, Schmidt, and Valentine**

Introduced and read first time: February 7, 2025

Assigned to: Environment and Transportation

A BILL ENTITLED

1 AN ACT concerning

2 **Maryland Zero Emission Electric Vehicle Infrastructure Council – Revisions**

3 FOR the purpose of altering the membership of the Maryland Zero Emission Electric
4 Vehicle Infrastructure Council to include the Secretary of State Police or the
5 Secretary’s designee; requiring the council to study and make recommendations on
6 safety design elements and the reliability of charging stations; and generally relating
7 to the Maryland Zero Emission Electric Vehicle Infrastructure Council.

8 BY repealing and reenacting, with amendments,
9 Article – Transportation
10 Section 2–113
11 Annotated Code of Maryland
12 (2020 Replacement Volume and 2024 Supplement)

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

Article – Transportation

16 2–113.

17 (a) (1) In this section the following words have the meanings indicated.

18 (2) “Council” means the Maryland Zero Emission Electric Vehicle
19 Infrastructure Council.

20 (3) “Fuel cell electric vehicle” has the meaning stated in § 11–125.1 of this
21 article.

22 (4) “Plug–in electric drive vehicle” has the meaning stated in § 11–145.1 of
23 this article.

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



- 1 (5) “Zero emission electric vehicle” includes:
- 2 (i) A plug-in electric drive vehicle; and
- 3 (ii) A fuel cell electric vehicle.
- 4 (b) There is a Maryland Zero Emission Electric Vehicle Infrastructure Council.
- 5 (c) The Council consists of the following members:
- 6 (1) One member of the Senate of Maryland, appointed by the President of
7 the Senate;
- 8 (2) Two members of the House of Delegates, appointed by the Speaker of
9 the House;
- 10 (3) The Secretary, or the Secretary’s designee;
- 11 (4) The Secretary of Planning, or the Secretary’s designee;
- 12 (5) The Secretary of the Environment, or the Secretary’s designee;
- 13 (6) The Secretary of Commerce, or the Secretary’s designee;
- 14 (7) The Secretary of General Services, or the Secretary’s designee;
- 15 **(8) THE SECRETARY OF STATE POLICE, OR THE SECRETARY’S**
16 **DESIGNEE;**
- 17 **[(8)] (9)** The Executive Director of the Technical Staff of the Maryland
18 Public Service Commission, or the Executive Director’s designee;
- 19 **[(9)] (10)** The Director of the Maryland Energy Administration, or the
20 Director’s designee;
- 21 **[(10)] (11)** The People’s Counsel, or the People’s Counsel’s designee; and
- 22 **[(11)] (12)** The following members appointed by the Governor:
- 23 (i) One representative of an institution of higher education in the
24 State with expertise in energy, transportation, or the environment;
- 25 (ii) Two representatives of the Maryland Association of Counties,
26 including:

- 1
2 and
- 3
4 region of the State;
- 5
6 including:
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8 and
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10 region of the State;
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12 organization;
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15 manufacturer;
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17 manufacturer;
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19 vehicle charging stations;
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22 infrastructure equipment;
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27 policy;
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29 State;
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1. A representative who resides in a rural region of the State;
 2. A representative who resides in an urban or suburban region of the State;
 - (iii) Two representatives of the Maryland Municipal League,
 1. A representative who resides in a rural region of the State;
 2. A representative who resides in an urban or suburban region of the State;
 - (iv) One representative of an electric vehicle driver advocacy organization;
 - (v) Two representatives of electric companies in the State;
 - (vi) One representative of a light-duty plug-in electric drive vehicle manufacturer;
 - (vii) One representative of a heavy-duty plug-in electric drive vehicle manufacturer;
 - (viii) One representative of a manufacturer of plug-in electric drive vehicle charging stations;
 - (ix) One representative of manufacturers of fuel cell electric vehicles;
 - (x) One representative of manufacturers of fuel cell electric vehicle infrastructure equipment;
 - (xi) One representative of fleet vehicle operators;
 - (xii) One representative of electrical workers;
 - (xiii) Two representatives of the environmental community;
 - (xiv) One public member with expertise in energy or transportation policy;
 - (xv) One representative of a new vehicle dealer association in the State;
 - (xvi) One representative of the retail electric supplier community; and

1 (xvii) One representative of an automotive dismantler and recycler
2 that dismantles, destroys, or recycles zero emission electric vehicles and that, if applicable,
3 recycles lithium-ion batteries.

4 (d) The Governor shall designate the chair or cochair of the Council.

5 (e) The Department shall provide staff support to the Council with the assistance
6 of the Maryland Energy Administration and the Maryland Public Service Commission.

7 (f) A member of the Council:

8 (1) May not receive compensation as a member of the Council; but

9 (2) Is entitled to reimbursement of expenses under the Standard State
10 Travel Regulations, as provided in the State budget.

11 (g) The Council shall:

12 (1) Develop an action plan to facilitate the successful integration of zero
13 emission electric vehicles into the State's transportation network;

14 (2) Assist in developing and coordinating statewide standards for
15 streamlined permitting and installation of residential and commercial electric vehicle
16 charging and hydrogen refueling stations and supply equipment;

17 (3) Develop a recommendation for a statewide electric vehicle charging and
18 hydrogen refueling infrastructure plan, including placement opportunities for public
19 charging and hydrogen refueling stations;

20 (4) Increase consumer awareness and demand for zero emission electric
21 vehicles through public outreach;

22 (5) Make recommendations regarding monetary and nonmonetary
23 incentives to support zero emission electric vehicle ownership and maximize private sector
24 investment in zero emission electric vehicles;

25 (6) Develop targeted policies to support fleet purchases of zero emission
26 electric vehicles;

27 (7) Develop charging solutions for existing and future multidwelling units;

28 (8) Develop model procurement practices for light-duty vehicles that
29 include an evaluation of the vehicle life cycle costs inclusive of estimated fuel cost over the
30 anticipated life of the vehicle;

1 (9) Encourage local and regional efforts to promote the use of electric
2 vehicles and attract federal funding for State and local zero emission electric vehicle
3 programs;

4 (10) Recommend policies that support zero emission electric vehicle
5 charging and hydrogen refueling from clean energy sources;

6 (11) Recommend a method of displaying pricing information at public
7 charging and hydrogen refueling stations;

8 (12) Establish performance measures for meeting zero emission electric
9 vehicle–related employment, infrastructure, and regulatory goals; [and]

10 **(13) STUDY AND MAKE RECOMMENDATIONS ON DESIGN ELEMENTS**
11 **FOR INCREASING SAFETY AT ELECTRIC VEHICLE CHARGING STATIONS, INCLUDING:**

12 **(I) IMPROVED LIGHTING;**

13 **(II) MONITORING BY SECURITY CAMERAS;**

14 **(III) SMART PHONE APPLICATIONS AIMED AT REPORTING**
15 **INCIDENTS TO LOCAL LAW ENFORCEMENT;**

16 **(IV) EMERGENCY BLUE LIGHTS; AND**

17 **(V) POTENTIAL METHODS FOR THE OCCUPANT OF AN ELECTRIC**
18 **VEHICLE TO SAFELY DISCONNECT FROM A CHARGING STATION WITHOUT HAVING TO**
19 **EXIT THE VEHICLE;**

20 **(14) STUDY AND MAKE RECOMMENDATIONS ON IMPROVING THE**
21 **RELIABILITY OF CURRENT CHARGING STATIONS; AND**

22 **[(13)] (15)** Pursue other goals and objectives that promote the utilization of
23 zero emission electric vehicles in the State.

24 (h) (1) On or before December 1, 2024, and December 1, 2025, the Council shall
25 submit interim reports of its work and recommendations to the Governor and, in accordance
26 with § 2–1257 of the State Government Article, the General Assembly.

27 (2) On or before June 30, 2026, the Council shall submit a final report of
28 its work and recommendations to the Governor and, in accordance with § 2–1257 of the
29 State Government Article, the General Assembly.

30 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect July
31 1, 2025.

