

# 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

---

Committee Report: Favorable

House action: Adopted

Read second time: March 6, 2025

---

## CHAPTER \_\_\_\_\_

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:

15 **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.

---

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.



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

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

5 (5) “Zero emission electric vehicle” includes:

6 (i) A plug–in electric drive vehicle; and

7 (ii) A fuel cell electric vehicle.

8 (b) There is a Maryland Zero Emission Electric Vehicle Infrastructure Council.

9 (c) The Council consists of the following members:

10 (1) One member of the Senate of Maryland, appointed by the President of  
11 the Senate;

12 (2) Two members of the House of Delegates, appointed by the Speaker of  
13 the House;

14 (3) The Secretary, or the Secretary’s designee;

15 (4) The Secretary of Planning, or the Secretary’s designee;

16 (5) The Secretary of the Environment, or the Secretary’s designee;

17 (6) The Secretary of Commerce, or the Secretary’s designee;

18 (7) The Secretary of General Services, or the Secretary’s designee;

19 (8) **THE SECRETARY OF STATE POLICE, OR THE SECRETARY’S**  
20 **DESIGNEE;**

21 **[(8)] (9)** The Executive Director of the Technical Staff of the Maryland  
22 Public Service Commission, or the Executive Director’s designee;

23 **[(9)] (10)** The Director of the Maryland Energy Administration, or the  
24 Director’s designee;

25 **[(10)] (11)** The People’s Counsel, or the People’s Counsel’s designee; and

26 **[(11)] (12)** The following members appointed by the Governor:

- 1 (i) One representative of an institution of higher education in the  
2 State with expertise in energy, transportation, or the environment;
- 3 (ii) Two representatives of the Maryland Association of Counties,  
4 including:
- 5 1. A representative who resides in a rural region of the State;  
6 and
- 7 2. A representative who resides in an urban or suburban  
8 region of the State;
- 9 (iii) Two representatives of the Maryland Municipal League,  
10 including:
- 11 1. A representative who resides in a rural region of the State;  
12 and
- 13 2. A representative who resides in an urban or suburban  
14 region of the State;
- 15 (iv) One representative of an electric vehicle driver advocacy  
16 organization;
- 17 (v) Two representatives of electric companies in the State;
- 18 (vi) One representative of a light-duty plug-in electric drive vehicle  
19 manufacturer;
- 20 (vii) One representative of a heavy-duty plug-in electric drive vehicle  
21 manufacturer;
- 22 (viii) One representative of a manufacturer of plug-in electric drive  
23 vehicle charging stations;
- 24 (ix) One representative of manufacturers of fuel cell electric vehicles;
- 25 (x) One representative of manufacturers of fuel cell electric vehicle  
26 infrastructure equipment;
- 27 (xi) One representative of fleet vehicle operators;
- 28 (xii) One representative of electrical workers;
- 29 (xiii) Two representatives of the environmental community;

1 (xiv) One public member with expertise in energy or transportation  
2 policy;

3 (xv) One representative of a new vehicle dealer association in the  
4 State;

5 (xvi) One representative of the retail electric supplier community; and

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

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

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

12 (f) A member of the Council:

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

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

16 (g) The Council shall:

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

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

22 (3) Develop a recommendation for a statewide electric vehicle charging and  
23 hydrogen refueling infrastructure plan, including placement opportunities for public  
24 charging and hydrogen refueling stations;

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

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

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

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

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

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

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

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

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

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

16 **(I) IMPROVED LIGHTING;**

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

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

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

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

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

26 ~~[(13)]~~ **(15)** Pursue other goals and objectives that promote the utilization of  
27 zero emission electric vehicles in the State.

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

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

4 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect July  
5 1, 2025.

Approved:

---

Governor.

---

Speaker of the House of Delegates.

---

President of the Senate.