



Bill No. 22-01  
Concerning: Electric Vehicle Charging Infrastructure  
for Certain New Residential Structures  
Introduced: January 18, 2022  
Revised: \_\_\_\_\_ Draft No. \_\_\_\_\_  
Enacted: \_\_\_\_\_  
Effective: \_\_\_\_\_  
Expires: April 18, 2022  
Frederick County Code, Chapter 1-6  
Section(s) 23

## COUNTY COUNCIL FOR FREDERICK COUNTY, MARYLAND

By: Council President MC Keegan-Ayer

**AN ACT** to: Require electric vehicle charging infrastructure for certain new residential structures.

Date Council Approved: \_\_\_\_\_ Date Transmitted to Executive: \_\_\_\_\_

Executive: \_\_\_\_\_ Date Received: \_\_\_\_\_

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Vetoed: \_\_\_\_\_ Date: \_\_\_\_\_

Date returned to Council by County Executive with no action: \_\_\_\_\_

By amending:  
Frederick County Code, Chapter 1-6 Section(s) 23

Other: \_\_\_\_\_

**Boldface**

Underlining

[Single boldface brackets]

\*\*\*

*Heading or defined term.*

*Added to existing law.*

*Deleted from existing law.*

*Existing law unaffected by bill.*

1 Bill No. 22-01

2 The County Council of Frederick County, Maryland, finds it necessary and appropriate to  
3 amend the Frederick County Code to require electric vehicle charging infrastructure for charging  
4 electric vehicles in certain new residential structures by adding provisions to Chapter 1-6:  
5 BUILDINGS.

6 .  
7 NOW, THEREFORE, BE IT ENACTED BY THE COUNTY COUNCIL OF  
8 FREDERICK COUNTY, MARYLAND, that the Frederick County Code be, and it is hereby,  
9 amended as shown on the attached Exhibit 1.

10  
11 AND BE IT FURTHER ENACTED, that the amendments shown on Exhibit 1 will be  
12 effective for building permits issued on or after the effective date of this Bill.

13  
14  
15  
16 \_\_\_\_\_  
17 M.C. Keegan-Ayer, President  
18 County Council of Frederick County,  
19 Maryland

**§1-6-23. ELECTRIC VEHICLE CHARGING – RESIDENTIAL CONSTRUCTION.**

(A) Definitions.

(1) “Electric Vehicle” - a vehicle that uses electricity for propulsion.

(2) “Electric Vehicle Charging Outlet” - a connected point in an electrical wiring installation at which current is provided to charge an electric vehicle.

(3) “Level 2 Charging” - the charging capability of the electric vehicle charging outlet and lines that includes the ability to charge a battery or other storage device in an electric vehicle through an alternating current electrical service with a minimum of 240 volts/40 amps and which meets applicable industry safety standards.

(B) Scope.

(1) This section applies to new construction of the following types of residential dwelling units:

(a) Single Family Detached; and

(b) Townhouses and Duplexes having an on lot parking area.

(2) This section does not apply to:

(a) Manufactured homes (mobile homes);

(b) Industrialized dwellings (modular homes); or

(c) New dwelling units that do not have public utility electric service connection.

(C) Installation of Electric Vehicle Charging Equipment.

(1) For each new residential dwelling unit construction subject to this section, the following must be installed:

(a) A dedicated electric line of sufficient voltage for level 2 charging for at least one vehicle at the garage, carport, parking pad or on lot parking area;

(b) An electric vehicle charging outlet capable of providing level 2 or higher charging at the garage, carport, parking pad or on lot parking area; and

(c) A label identifying the intended use of the electric vehicle charging outlet.

(D) Performance Standards.

The building official may specify performance standards for equipment to be installed to comply with this section.

(E) Application.

---

*Underlining indicates matter added to existing law.*

*[Single boldface brackets] indicates matter deleted from existing law.*

*\*\*\* - indicates existing law unaffected by bill.*

1 This section shall remain in effect until the adopted Frederick County Building Code includes  
2 provisions to require and regulate electric vehicle charging equipment in the residential dwelling  
3 units covered by this section.

4

\*\*\*

---

Underlining indicates matter added to existing law.

[Single boldface brackets] indicates matter deleted from existing law.

\*\*\* - indicates existing law unaffected by bill.

**Bill No. 22-01**