

Introduced _____
Public Hearing _____
Council Action _____
Executive Action _____
Effective Date _____

County Council of Howard County, Maryland

2018 Legislative Session

Legislative Day No. **13**

Bill No. 76-2018

Introduced by: Jennifer Terrasa

AN ACT to require infrastructure for and charging stations for electric vehicles in certain new residential structures.

Introduced and read first time _____, 2018. Ordered posted and hearing scheduled.

By order _____
Jessica Feldmark, Administrator

Having been posted and notice of time & place of hearing & title of Bill having been published according to Charter, the Bill was read for a second time at a public hearing on _____, 2018.

By order _____
Jessica Feldmark, Administrator

This Bill was read the third time on _____, 2018 and Passed ____, Passed with amendments _____, Failed _____.

By order _____
Jessica Feldmark, Administrator

Sealed with the County Seal and presented to the County Executive for approval this _____ day of _____, 2018 at ___ a.m./p.m.

By order _____
Jessica Feldmark, Administrator

Approved by the County Executive _____, 2018

Allan H. Kittleman, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; ~~Strike-out~~ indicates material deleted by amendment; Underlining indicates material added by amendment.

1 **Section 1. Be It Enacted** by the County Council of Howard County, Maryland, that the Howard
2 County Code is amended as follows:

3 By adding:

4 Title 3. Buildings

5 Subtitle 1. Buildings.

6 Section 3.105. Electric vehicle charging.

7
8 **Title 3. Buildings**

9 **Subtitle 1. Buildings.**

10 SECTION 3.105. ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

11 (A) DEFINITIONS.

12 (1) "ELECTRIC VEHICLE" MEANS A VEHICLE THAT USES ELECTRICITY FOR
13 PROPULSION.

14 (2) "ENERGIZED OUTLET" MEANS A CONNECTED POINT IN AN ELECTRICAL WIRING
15 INSTALLATION AT WHICH CURRENT IS TAKEN TO CHARGE AN ELECTRIC VEHICLE.

16 (3) "LEVEL 2 CHARGING" MEANS A LEVEL 2 ELECTRIC VEHICLE CHARGING LEVEL
17 AS DEFINED BY SAE INTERNATIONAL'S J1772 STANDARD.

18 (B) SCOPE.

19 (1) THIS SECTION APPLIES TO;

20 (I) RESIDENTIAL GROUP R-1 AND RESIDENTIAL GROUP R-2 OCCUPANCIES,
21 AS THOSE LABELS ARE USED IN THE HOWARD COUNTY BUILDING CODE.;

22 (II) RESIDENTIAL OCCUPANCIES WITH MORE THAN TWO UNITS OWNED
23 UNDER A CONDOMINIUM OR CO-OPERATIVE ARRANGEMENT; AND

24 (III) RESIDENTIAL GROUP R-3 TOWNHOUSE AND SINGLE FAMILY DETACHED
25 OCCUPANCIES, AS THOSE LABELS ARE USED IN THE HOWARD COUNTY BUILDING
26 CODE, REGARDLESS OF THE OWNERSHIP ARRANGEMENT.

27 (2) THIS SECTION APPLIES TO PARKING SPACES FOR ELECTRIC VEHICLES THAT CAN
28 USE AN EXTERNAL SOURCE OF ELECTRICITY TO CHARGE THE ELECTRIC VEHICLE'S
29 BATTERIES.

30 (C) PROVISION OF ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

31 (1) FOR NEW OCCUPANCIES SUBJECT TO THIS SECTION:

1 (I) AT LEAST 1 PARKING SPACE FOR EACH 25 RESIDENTIAL UNITS SHALL
2 FEATURE ENERGIZED OUTLETS; AND

3 (II) A RESIDENTIAL UNIT WITH A GARAGE, CARPORT, OR DRIVEWAY SHALL
4 FEATURE APPROPRIATE ELECTRIC VEHICLE SUPPLY EQUIPMENT CONSISTING OF
5 CONDUCTORS, CONNECTORS, DEVICES, APPARATUS, AND FITTINGS SO THAT AN
6 ENERGIZED OUTLET MAY BE ADDED IN THE FUTURE.

7 (2) FOR PURPOSES OF THIS SECTION, AN ENERGIZED OUTLET SHALL BE CAPABLE OF
8 PROVIDING LEVEL2 CHARGING OR HIGHER TO THE PARKING SPACE.

9 (3) ENERGIZED OUTLETS SHALL BE LABELED FOR THEIR INTENDED USE FOR
10 ELECTRIC VEHICLE CHARGING.

11 (4) THE BUILDING OFFICIAL, AS THAT TERM IS USED IN THE HOWARD COUNTY
12 BUILDING CODE, MAY SPECIFY PERFORMANCE STANDARDS FOR EQUIPMENT THAT IS
13 INSTALLED TO COMPLY WITH THIS SECTION.

14 (D) APPLICATION

15 THIS SECTION SHALL HAVE NO EFFECT IF THE HOWARD COUNTY BUILDING CODE
16 INCLUDES PROVISIONS TO REQUIRE AND REGULATE ELECTRIC VEHICLE CHARGING
17 EQUIPMENT IN THE RESIDENTIAL OCCUPANCIES THAT THIS SECTION COVERS.

18

19 ***Section 2. And Be It Further Enacted*** by the County Council of Howard County, Maryland that
20 *this Act shall become effective 61 days after its enactment.*

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