

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; and to require specified compliance with this Act as part of the subdivision and site development plan approval process.

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 16. Planning, zoning and subdivisions and land development regulations.*

9 *Subtitle 1. Subdivision and land development regulations.*

10 *Article III. - Required improvements*

11 *Section 16.138. Gas, electric, and communication*
12 *facilities.*

13 *Subsection (c). Electric Vehicle Charging*
14 *Stations.*

15
16
17 **Title 3. Buildings**

18 **Subtitle 1. Buildings.**

19 SECTION 3.105. ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

20 (A) DEFINITIONS.

21 (1) "ELECTRIC VEHICLE" MEANS A VEHICLE THAT USES ELECTRICITY FOR
22 PROPULSION.

23 (2) "~~ENERGIZED OUTLET~~ ELECTRIC VEHICLE CHARGING STATION" MEANS A
24 CONNECTED POINT IN AN ELECTRICAL WIRING INSTALLATION AT WHICH CURRENT IS TAKEN
25 TO CHARGE AN ELECTRIC VEHICLE.

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

28 (B) SCOPE.

29 (1) THIS SECTION APPLIES TO ~~;~~ ANY PROPOSED CONSTRUCTION OF:

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

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

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

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

7 (C) PROVISION OF ELECTRIC VEHICLE CHARGING INFRASTRUCTURE.

8 (1) FOR NEW ~~OCCUPANCIES~~ CONSTRUCTION SUBJECT TO THIS SECTION:

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

11 ~~(H)(I) A RESIDENTIAL UNIT WITH A GARAGE, CARPORT, OR DRIVEWAY SHALL~~
12 ~~FEATURE APPROPRIATE A DEDICATED ELECTRIC VEHICLE SUPPLY EQUIPMENT~~
13 ~~CONSISTING OF CONDUCTORS, CONNECTORS, DEVICES, APPARATUS, AND FITTINGS~~
14 ~~LINE OF SUFFICIENT VOLTAGE SO THAT AN ENERGIZED OUTLET ELECTRIC VEHICLE~~
15 ~~CHARGING STATION MAY BE ADDED IN THE FUTURE. ; AND~~

16 (II) THE DEVELOPER SHALL ENSURE THAT AT LEAST ONE COMMUNAL
17 PARKING SPACE FOR EACH 25 RESIDENTIAL UNITS THAT ARE NOT COVERED UNDER
18 ITEM (I) 7 OF THIS PARAGRAPH FEATURES AN ELECTRIC VEHICLE CHARGING
19 STATION.

20 (2) FOR PURPOSES OF THIS SECTION, AN ~~ENERGIZED OUTLET~~ ELECTRIC VEHICLE
21 CHARGING STATION SHALL BE CAPABLE OF PROVIDING LEVEL 2 CHARGING OR HIGHER TO
22 THE PARKING SPACE.

23 (3) ~~ENERGIZED OUTLETS~~ ELECTRIC VEHICLE CHARGING STATIONS SHALL BE
24 LABELED FOR THEIR INTENDED USE FOR ELECTRIC VEHICLE CHARGING.

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

28 (D) APPLICATION

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

1 **Title 16. Planning, zoning and subdivisions and land development regulations.**

2 **Subtitle 1. Subdivision and land development regulations.**

3 **Article III. - Required improvements.**

4 **Section 16.138. Gas, electric, and communication facilities.**

5 (C). ELECTRIC VEHICLE CHARGING STATIONS. COMMUNAL PARKING AREAS FOR RESIDENTIAL
6 UNITS SHALL INCLUDE ELECTRIC VEHICLE CHARGING STATIONS IN ACCORDANCE WITH
7 SECTION 3.105(C) OF THE HOWARD COUNTY CODE.

8
9 *Section 2. And Be It Further Enacted by the County Council of Howard County, Maryland that*
10 *this Act shall become effective 61 days after its enactment.*

11