

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2023

FILED SENATE
Mar 15, 2023
S.B. 316
PRINCIPAL CLERK

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SENATE BILL DRS45150-MW-54

Short Title: Regulate EV Charging Stations.

(Public)

Sponsors: Senators Mayfield, Lazzara, and Jarvis (Primary Sponsors).

Referred to:

1 A BILL TO BE ENTITLED
2 AN ACT TO REGULATE ELECTRIC VEHICLE CHARGING STATIONS.

3 The General Assembly of North Carolina enacts:

4 **SECTION 1.** G.S. 20-4.01 reads as rewritten:

5 "**§ 20-4.01. Definitions.**

6 Unless the context requires otherwise, the following definitions apply throughout this
7 Chapter to the defined words and phrases and their cognates:

8 ...

9 (7c) Electric vehicle charging station. – A public or private parking space that is
10 served by charging equipment that has as its primary purpose the transfer of
11 electric energy to a battery or other energy storage device in an electric
12 vehicle.

13 (7d) Reserved for future codification purposes.

14 (7e) Reserved for future codification purposes.

15 (7f) Reserved for future codification purposes.

16 (7e)(7g) Employer. – Any person who owns or leases a commercial motor vehicle
17 or assigns a person to drive a commercial motor vehicle and would be subject
18 to the alcohol and controlled substance testing provisions of 49 C.F.R. § 382
19 and also includes any consortium or third-party administrator administering
20 the alcohol and controlled substance testing program on behalf of
21 owner-operators subject to the provisions of 49 C.F.R. § 382.

22"

23 **SECTION 2.** Article 3 of Chapter 20 of the General Statutes is amended by adding
24 a new section to read:

25 "**§ 20-162.4. Parking in a space designated as an electric vehicle charging station.**

26 (a) Prohibited Conduct. – No person may park a vehicle in an electric vehicle charging
27 station located on public or private property if the vehicle is not connected to the charging
28 equipment.

29 (b) Signage. – A space designated as an electric vehicle charging station must be (i)
30 indicated by vertical signage identifying the station as an electric vehicle charging station and
31 indicating that it is only for electric vehicle charging and (ii) the signage must be consistent with
32 the Manual on Uniform Traffic Control Devices for Streets and Highways, published by the
33 United States Department of Transportation, and any supplement to that Manual adopted by the
34 North Carolina Department of Transportation.

35 (c) Penalty. – Any person who commits a violation of subsection (a) of this section shall
36 be guilty of an infraction and a fine of one hundred dollars (\$100.00).



1 (d) Local Jurisdictions. – Municipalities may authorize by ordinance additional
2 prohibited conduct for parking in a space designated as an electric vehicle charging station and
3 higher penalties than those set out in this section.

4 (e) Enforcement. – This section shall be enforced by State, county, city, and other
5 municipal authorities in their respective jurisdictions in the same manner as is used to enforce
6 other parking laws and ordinances."

7 **SECTION 3.** Article 9 of Chapter 143 of the General Statutes is amended by adding
8 a new section to read:

9 **"§ 143-139.5. Electric vehicle charging station standards.**

10 Electric vehicle charging stations utilizing parking spaces located in parking lots or parking
11 garages shall not displace handicapped accessible parking spaces required by the North Carolina
12 State Building Code or reserved parking for veterans."

13 **SECTION 4.** This act becomes effective December 1, 2023, and applies to offenses
14 committed on or after that date.