

Town of Davie Land Development code Section 12-205(A)(7)

(7) *Electric vehicle charging stations.* Electric vehicle charging stations shall be installed in conformance with the provisions of this section.

(a) *Definitions. Charging level* means the standardized indicators of electrical force, or voltage at which an electric vehicle's battery is recharged. Typical electric vehicle charging levels and specifications are:

Level 1: Alternating current slow charging (voltage is at least one hundred twenty (120) volts)

Level 2: Alternating current medium charging (voltage is between one hundred twenty (120) volts and two hundred forty (240) volts)

Level 3: Direct current fast charging (voltage is greater than two hundred forty (240) volts)

Electric vehicle means any vehicle that operates, either partially or exclusively on electrical energy from an off-board source, which is stored on-board the vehicle for motive purpose.

Electric vehicle charging station means a public parking space that is continually served by stationary battery charging equipment that has as its primary purpose the transfer of electric energy to an electric vehicle.

(b) *Applicability.*

1. *New developments.* Electric vehicle charging stations, with a minimum Level 2 charging capability, shall be required as set forth in paragraph (c) for all new developments involving multi-family residential and commercial uses.

2. *Site plan modifications.* Developments approved prior to the adoption of the requirements of this section shall be required to comply with the standards set forth in paragraph (c) where an expansion of twenty-five (25) percent or more of the gross floor area of commercial development is proposed.

3. *Waiver.* The Town Council shall have the authority to waive or modify the requirements of paragraph (c) upon a showing that the provision of electric vehicle charging stations is not practicable for the proposed new development or site plan modification due, for example, to the availability of electric vehicle charging stations nearby, the nature of the proposed use or to the particular circumstances of pre-existing site conditions.

(c) *Required number of electric vehicle charging stations.*

TOTAL NUMBER OF PARKING SPACES PROVIDED	REQUIRED ELECTRIC VEHICLE CHARGING STATIONS
1—25	0
26—50	1
51—200	2
201—500	4
More than 500	6

(d) *Electric vehicle charging station design.* Each required electric vehicle charging station shall include a sign identifying the parking space as an "Electric Vehicle Charging Station." To encourage the use of electrical vehicles, in commercial and multi-family residential developments, at least fifty (50) percent of the required electric vehicle charging stations should be located near handicapped accessible spaces or otherwise located near a primary public building entrance.

(e) *Planning for future demand.* In order to accommodate the anticipated growth in market demand for electric vehicles, the following are encouraged but not required.

1. *New single-family residential homes are encouraged to plan for or provide a two hundred twenty (220)—two hundred forty (240) volt/forty (40) amp outlet on a dedicated circuit in close proximity to the garage or other designated vehicle parking to accommodate the future installation of a Level 2 or higher charging station for each required parking space.*
2. New or substantially modified multi-family, commercial and other developments utilizing common parking areas are encouraged to plan for and install such conduits and other infrastructure, including electrical equipment rooms or space, as may be necessary to for the future installation of Level 2 or higher charging stations to serve at least two (2) percent of the total number of parking spaces provided.

(Ord. No. 2016-014, § 2(Exh. A), 7-27-16; Ord. No. O2018-009, § 2(Exh. A), 4-4-18; Ord. No. O2019-012, § 2(Exh. A), 6-5-19; Ord. No. O2020-002, § 2(Exh. A), 2-5-20)