

Zoning Example for Installation of Plug-In Electric Vehicle Charging Stations

Snapshot: The goal of zoning for plug-in electric vehicles charging stations should be to ensure that charging is an allowed land use in as many types of zoning districts as possible, as either an accessory or a principal use. A template for zoning electric vehicle charging stations is provided. This template is adopted from City of Lancaster's Municipal Code.

Zoning Template

- (A) An electric vehicle charging station (EVCS) shall be allowed within any legal single-family or multiple-family residential garage or carport subject to all applicable city code requirements in addition to the following.
- (1) The EVCS shall be protected as necessary to prevent damage by automobiles
 - (2) The EVCS shall be designed to:
 - (a) Be safe for use during inclement weather
 - (b) Be tamper-resistant to prevent injury particularly to children
 - (c) Be resistant to potential damage by vandalism
 - (d) Be equipped with a mechanism to prevent the theft of electricity by an unauthorized user
 - (3) The EVCS shall have complete instructions and appropriate warnings posted in an unobstructed location next to each EVCS
- (B) An EVCS shall be permitted as an accessory use within any existing legal single-family or multiple-family residential garage or carport, or within any existing legal commercial parking space in a parking lot or in a parking garage, subject to all applicable city code requirements and the following.
- (1) EVCS for public use shall be subject to the following requirements:
 - (a) The EVCSs shall be located in a manner that will be easily seen by the public for informational and security purposes and shall be illuminated during evening business hours
 - (b) Be located in desirable and convenient parking locations that will serve as an incentive for the use of electric vehicles
 - (c) The EVCS pedestals shall be protected as necessary to prevent damage by automobiles
 - (d) The EVCS pedestals shall be designed to minimize potential damage by vandalism and to be safe for use in inclement weather
 - (e) Complete instructions and appropriate warnings concerning the use of the EVCS shall be posted on a sign in a prominent location on each station for use by the operator
 - (f) One standard nonilluminated sign, not to exceed 4 square feet in area and 10 feet in height, may be posted for the purpose of identifying the location of each cluster of EVCSs
 - (g) The EVCS may be on a timer that limits the use of the station to the normal business hours of the use(s) that it serves to preclude unauthorized use after business hours
 - (2) Electric vehicle charging stations for private use shall:

- (a) Be located in a manner that will not allow public access to the charging station
- (b) Comply with subsections (B)(1)(c) and (B)(1)(d) of this section
- (c) Electric vehicle charging stations for private use not located in a single-family residential garage or carport must also comply with subsection (B)(1)(e) of this section.