

CITY OF FREMONT 2016 BUILDING CODES

"EV Readiness" Requirement



Under the 2016 California Green (CALGreen) Building Standards, new residential and commercial developments are required to be "Electric Vehicle (EV) Capable," meaning they fulfill certain basic requirements that provide for future electric vehicle infrastructure installations.

In order to better support Fremont's existing EV ownership levels as well as promote further EV adoption, the City of Fremont adopted an EV requirement that goes significantly beyond the CALGreen mandatory measures.



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What is the requirement?

- Residential and non-residential new construction projects and additions where additional parking spaces are provided must include "Electric Vehicle (EV) Ready" parking spaces equipped with the electrical raceway, wiring, and electrical circuit.
- Single-family residential projects must provide one "EV Ready" parking space per each dwelling unit. All "EV Ready" parking spaces must also be equipped with the EV charging unit.
- Multi-family residential projects of three units or more and all non-residential projects must provide "EV Readiness" for approximately 10 percent of the total number of new parking spaces. This is equivalent to the Tier 2 CALGreen option for non-residential developments. All "EV Ready" parking spaces must also be equipped with the EV charging unit.

For detailed information, visit the City of Fremont's municipal code sections:

- Chapter 15.48 – Fremont Green Building Standards Code
www.codepublishing.com/CA/Fremont/?Fremont15/Fremont1548.html
- Chapter 18.183 – Parking, Loading Areas, and Vehicle Storage
www.codepublishing.com/CA/Fremont/?Fremont18/Fremont18183.html

What are the benefits?

Fremont is already leading the way on electric vehicle adoption, with more EV drivers in the 94539 zip code than in any other zip code in California. Requiring EV charging infrastructure in new developments:

- Supports existing EV drivers
- Reduces the cost of installing EV infrastructure at a later time
- Encourages EV adoption throughout the community
- Helps Fremont transition to a low-carbon economy



What resources are available?

- The California Capital Access Program offers financing and incentives to help business and multi-family property owners with the installation of EV charging units.
www.treasurer.ca.gov/cpcfca/calcap/evcs
- The Bay Area Air Quality Management District provides grant funding through the Charge! Program to help offset a portion of the cost of purchasing, installing, and operating new publicly available charging stations. www.baaqmd.gov/charge
- Pacific Gas & Electric Company installs "make ready" infrastructure and offers incentives through its EV Charge Network to assist with the installation of Level 2 EV chargers at multi-unit dwellings and commercial properties. www.pge.com/evcharge