

GG153-14

407.4.2.1 (New)

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Add new text as follows:

407.4.2.1 Electric vehicle parking charging stations. Where 250 or more parking spaces are provided for a *building project* that has a *total building floor area* of 100,000 square feet or more, electric vehicle charging stations shall be provided. Where required, the number of charging stations shall be not less than 1 percent of the number of parking spaces provided.

Reason: The number of plug-in electric vehicles (PEV) on the road continues to grow at a significant rate. However, the lack of public PEV charging stations is a barrier to the most efficient use of PEVs. This requirement is needed to establish a minimum infrastructure requirement to meet the growing demand for public electric vehicle charging stations. Installing PEV charging infrastructure during the time of construction establishes a substantial cost savings as compared to installing such infrastructure in the future. This requirement targets only high occupancy parking facilities where there is a high probability an electric vehicle will visit and require further charge to complete their travel.

Cost Impact: Will increase the cost of construction. This requirement will have minimal cost impact at the time of construction. The cost impact is substantially less than if PEV charging stations were to be installed after the building project is completed. Additionally, this requirement is written in a manner that will have no cost impact on small businesses as small parking areas are exempt from this requirement.

GG153-14: CHAPTER 4-STOPPELMOOR1052