

# Electric Vehicle Infrastructure Options

## A Guide for Property Owners, Developers, and Property Managers

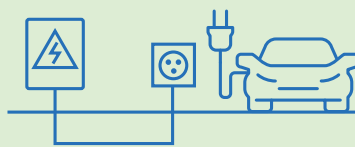
As electric vehicles (EVs) gain popularity, many customers are considering the installation of charging infrastructure in their parking lots and public garages. Whether or not EV charging stations are an immediate need, preparing for EV charging infrastructure during the construction phase can allow for flexibility and cost savings in the future.

### EV Infrastructure Levels



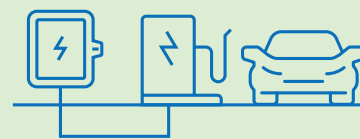
#### EV Capable

A dedicated parking space with conduit-only installation to accommodate for and simplify the future installation of necessary components to support charging station(s).



#### EV Ready

EV Capable + “make ready” infrastructure to support the immediate and convenient installation of charging stations, including electrical panels, conduit/raceways, overprotection devices, wires and pull boxes.



#### EV Installed

EV Ready + full installation of Level 2 electric vehicle charging stations.

An EV Installed space will be able to charge an electric car on the day the building permit is signed off.



Retrofitting EV charging infrastructure can be four to five times more costly than installation during new construction.

# Making Smart Investments in Infrastructure

Best practice guidelines have been established in response to the growing demand for EV charging. Many municipalities across the nation continue to adopt these guidelines into state and local building codes.

Example:

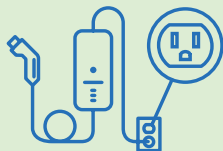
<b>At...</b>	Business & Retail Locations	Multi-Family Buildings
<b>Where there are...</b>	20+ parking spaces	10+ parking spaces
<b>At least...</b>	1 out of every 25 (or 8% designated employee) parking spaces	2 out of every 10 total number of parking spaces
<b>Shall be at least...</b>	EV Ready	EV Ready



**Over the next decade, 2 out of every 3 new cars sold within Dominion Energy’s service territory will be electric.<sup>1</sup>**

## Let’s get going.

Dominion Energy is here to help with your EV charging needs. Contact us to get started and explore available options.

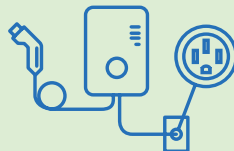


**Level 1**



**PER CHARGING HOUR**

Compatible with a standard 120v household outlet.

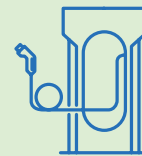


**Level 2**



**PER CHARGING HOUR**

Available for residential and commercial with common 208v/240v service.



**Level 3**



**PER CHARGING HOUR**

Known as DC Fast Charging and is the fastest level of charging available. Typically requires 480v service.

[DominionEnergy.com/EV](https://www.dominionenergy.com/EV)

<sup>1</sup>Guidehouse’s VAST Forecast