



## **Be Prepared**

While every EV charging station installation has its own specific needs, there are some basic considerations to proactively help with the installation process.

### **Electrical Capacity.**

When purchasing an electric car, it's very important to know what electrical load capacity is available for your charging station. Prior to the charging station installation, we need to calculate the current available capacity of your dwelling. Then, we will assess the most optimal wiring solution, as well as alternative options. We'll inform you if any electrical upgrades to your dwelling are required, and we have the expertise to do the work properly and up to code. Please keep in mind that your utility company may have extra costs to upgrade their wiring at the point of entrance.

### **Utility Company Preparations.**

To help promote the adoption of electric cars, California has mandated electrical utilities to provide qualified reductions to your electric rate. PGE and other utility companies have reduced residential rate options for EV charging stations, which will help to offset your increased electricity use and lower your bill. We encourage you to take advantage of these discounts!

### **Outdated Electrical Equipment**

Electricians are not allowed to work on older, unsafe panels like Federal Pacific (FPE). This means we are required to replace the hazardous panel and another out-of-code wiring, even if your load capacity is enough. Some building departments also require replacing Zynsco and Sylvania panels. We encourage you to check with your local building department on the specifics of your situation, before starting the charging station installation process.

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**Single Family Dwelling.**

In your home, generally, there is garage or driveway parking. For these situations, installing an EV charging station depends on the condition and age of your home's electrical installation, structural considerations, and the electrical load capacity required for the desired level of charging power. Your own situation will be dependent on these variables. But rest assured, we understand and respect the very personal nature of working within the place where you live. We are deeply committed to offering friendly and reliable service, with the highest level of professionalism.

**Multi-Family Dwelling.**

In apartments, condos, and townhouses, parking your car is done in several ways: assigned parking, common area parking, and deed parking. For these parking situations, the main cost of installing an EV charging station depends on two primary factors: adequate building wiring (the distance between electrical service access point and the desired charging station site), and electrical load capacity with related transformer or service capacity. We can schedule the installation only after the HOA or building management agrees with the work evaluation. Be advised that an additional insurance requirement may be asked from you by the HOA or management company.

**County/City Building Department.**

We are often asked why an electrical permit is required for the job. The simple answer is: for your safety. We can sympathize that this adds extra steps to the installation process, but it's the proper procedure. Ultimately, the building department exists to help and protect the consumer. They ensure that the electrical contractor did his/her work correctly and up to code. Evcharge4u is committed doing expert electrical work it means we follow things by the book.

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