

Electric Vehicle Charging Stations

All Facility Types

Industrial/Factory

Government/Military

Hospitals/Healthcare

Educational

Commercial

The adoption of electric powered vehicles continues to rise. Some projections show that by 2030 we could see over half the cars on the road being powered by electric motors.

Governments, including federal and many states financially incentivizing the implementation of EV charging stations to remove barriers to the adoption the technology. Colorado has a target of 82% EV sales by 2032.

Technology keeps advancing and reducing the time to effectively charge an electric vehicle. If you are considering implementing EV charging at your facility, why not trust a firm that has been engineering charging stations since 2017.

REQUEST A CONSULT

It is a first step to ask Plant Engineering Consultants for a meeting to review the anticipated project, review options and come up with a basic path forward. The only decision at this point is whether to proceed with a written proposal.

WHAT THE ENGINEERING EFFORT WILL ENTAIL

There are different levels of EV charging to consider. The main difference between them is the time it takes to achieve an effective recharge of the vehicles battery. Which is right for your fleet and facility depends on a number of factors ranging from current available power, who is using the charging station, how many charging stations are required, to a decision if future expansion will be required/desired.

Once the scope of the project is defined, a proposal will be generated to cover the costs associated with engineering the required changes/additions to the building's infrastructure to support the addition of the charging stations. The proposal will typically include any architectural, structural, civil and landscape engineering required. Plant will act as prime and subcontract any of these services that may be required based on the agreed to project scope.

AFTER ENGINEERING IS COMPLETE

Once the engineering is completed and the drawings are provided, the next steps are to get permits from the appropriate authority having jurisdiction, and begin the process of bidding and construction. If you are experienced with contracting service you may have a contractor you have used in the past and are happy with. If you are new to this process you may want to engage a number of contractors to provide you bids for implementing the engineering design.

ADDITIONAL SERVICES TO CONSIDER

Additional services available from Plant Engineering Consultants to consider include:

Bid Assistance - We can assist you with sourcing and reviewing bids from potential contractors.

Contract Administration - Once a contractor is selected and agreement to proceed has been established we can stay involved throughout the build cycle to verify the work accomplished was to plan.

PLANT
ENGINEERING CONSULTANTS

320 West Fillmore Street Colorado Springs, CO 80907

719-473-7077 www.planteci.com

Call to discuss, we will arrange to walk your facility and provide a fixed price written proposal.

etap

