

SOLAR CANOPIES & EV CHARGING STATIONS



HELPING CLIENTS' CUSTOMERS KEEP COOL AND RECHARGE

There's nothing worse than running out of gas, unless it's searching for an electric vehicle charging station and running out of charge before you can get there. Running a close second could be baking in the sun as you wait in your car for an appointment or coming back to a car that is hotter than the Sahara Desert at noon.

Solar canopies and electric vehicle (EV) charging stations solve both of those problems.

For utilities in California, the mandate by California Public Utility Commission (CPUC), stating that there must be 128,000 EV charging stations by 2030, takes it a step further, moving from what might have been a nice option to a "do it now" requirement.



There is also an added benefit that you can reap when advertising that your organization is helping people to reduce their carbon footprint using both solar canopies and EV charging stations. Not only are people able to use clean energy but it takes less time to cool a car that has been in the shade vs. the sun.

EN Consulting is ready to help you meet the needs of your organization and your clients as you pursue installing solar canopies and EV charging stations to make life more comfortable for everyone. Solar covers lead to happier customers, protection from heat and sun damage, and the energy from them can be used for EV stations which will bring in more people who may choose to shop while “filling” their car.

Whether you are in the exploration phase or beyond, our teams have the distribution and transmission experience and expertise to not only guide you through this process, but also offer services to help make your job easier.

SERVICES:

Solar canopy services we offer include:

- Feasibility studies
- Screening analyses
- Interconnection studies
- Engineering and automation design
- Project management
- Outage management

EV charging station services we offer include:

- Site investigations and evaluations
- Conceptual design development
- Technical and commercial contract development and negotiation
- Preliminary engineering and technical reviews
- Design expertise for both main-to-meter and meter-to-charger
- Technical studies/analysis such as voltage drop and flicker calculations
- Adherence to utility integration processes for new load and new business connections
- DOT, state, local, and environmental permitting



PROJECT EXAMPLES:

There are many different locations suitable for solar covers and/or EV charging stations. Here are some examples:

- Malls
- Large box stores such as Costco, Sam’s, Target, Walmart
- Municipalities
- Private clients such as hospitals, nursing homes, doctor’s offices
- Commuter lots