



Looking to install EV Charging Stations in your community? Look no further than Falcon! As your trusted advisor, we'll guide you through the process and help you make the most of this cutting-edge technology. With our expert support, you'll be able to provide your residents with a convenient and sustainable way to power up their electric vehicles. From selecting the right equipment, navigating the installation process, operation, maintenance, training, warranties, rebates, and revenues, Falcon has you covered.

THE
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EV CHARGING
GUIDELINES AND FEASIBILITY



Falcon can provide many services to aide your Community in navigating this process as seamlessly as possible.

Our services include:

- EV Charging Feasibility Studies
- Electrical Load Studies
- Load Balancing
- Energy Reduction Strategies to Free Up Power for Charging Station Installations
- EV Charging Needs Assessments
- Preparation of Community-Specific Guidelines and Standards for EV Charging Installations

Where to Begin:

- Evaluate existing electrical infrastructure
- Identify common/house loads
- Identify residential loads, if applicable
- Calculate available spare capacity
- Evaluate options for adding chargers in the future, providing make-ready solutions for future residents who'd like to purchase an electric vehicle in the future
- Identify potential opportunities for financial incentives for EV Charger installation, where available

Why an expert is beneficial in the planning process for EV charging station implementation in your community:



- **Technical expertise:** An expert in EV charging infrastructure can provide in-depth knowledge about the latest technologies, standards, and best practices.
- **Independent Analysis:** There are multitude of contractors out there offering to install EV charging at little to no cost; however, there are a number of potential pit-falls that multi-family and commercial clients need to be aware of, including:
 - Installation of EV charging stations that do not accommodate future expansion.
 - Many of the agreements being offered for “free” or “at little to no cost” come with hidden stipulations, such as allowing the general public to park.
 - Your property can benefit from hiring an independent third party with no vested interest in these contracts to ensure the scope of work is the right fit for the project site.
- **Planning and optimization:** An expert can assist in the strategic planning of charging station locations within your community.
- **Future-proofing:** An expert can provide insight into and help design scalable infrastructure to meet the evolving needs of EV owners.
- **Regulatory compliance:** An expert can navigate the complex regulatory landscape and ensure that the charging stations meet all necessary safety, accessibility, and interoperability requirements.

The benefits of installing EV charging stations in your community:

- **Future-Proofing Infrastructure:** Installing charging stations now ensures that your community is prepared for the rising number of electric vehicles on the road.
- **Attract and Retain Residents:** By offering access to EV charging infrastructure, your community remains attractive to current and future residents who currently own or plan to purchase EVs in the future.
- **Encourage Energy Efficiency and Renewable Energy Integration:** EV charging stations can be integrated with renewable energy sources, such as solar or wind power, allowing electric vehicles to be charged utilizing clean, sustainable, energy.
- **Support EV Transition for Residents:** Installing EV charging stations makes it easier for residents to transition to electric vehicles. It helps eliminate concerns about access to charging infrastructure, range anxiety, and reliance on public charging networks by having EV charging infrastructure in the convenience of your community.
- **Demonstrate Leadership in Climate Action:** Installing EV charging stations aligns with global efforts to combat climate change and reduce greenhouse gas emissions.