Renewable Energy Contractor

2022

Solar Services explained...

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CAPITAL SOLAR GROUP

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AN INTRODUCTION TO CAPITAL SOLAR GROUP

At Capital Solar Group, our mission is to provide each client with exceptionally yielding solar assets. From pre-construction to project monitoring and maintenance, we are here to provide you with any solar solution necessary to meet the needs of your organization. Each client experience includes individualized in-person consulting with our in-house solar experts.

Our solar team works diligently to ensure that our clients are provided with transparent insight throughout each step of their solar projects. With over 25 years of local renewable energy expertise, every client is given a guarantee that service work steps are executed with the utmost professionalism.

Your next renewable energy investment is an asset that provides your company with a financially reliable source of returns.

Professional

We provide first-class project development, engineering, construction, and asset management services.

Experienced

Over 25 years of renewable energy installation experience in the Mid-Atlantic region.

Local

Born and raised in the DC Metropolitan area, we are committed to serving our communities.

DEFINING OUR SERVICES

PROJECT DEVELOPMENT

- Project Estimation | Financial Modeling | Feasibility Studies | Utility Interconnect Site Assessments

CONSTRUCTION/ENGINEERING

- PV Carport Systems | Rooftop Systems | Ground-mounted Systems | Component Compatibility Analysis

ASSET MANAGEMENT

- Commissioning Services | Monitoring & Reporting | Preventative & Corrective

ANCILLARY SERVICES

- PV System Testing | Electric Vehicle Charging Stations | Backup Battery Storage

Why Capital Solar Group?

The professionals at Capital Solar Group seek to provide commercial solar energy solutions that achieve a triple bottom line. Some renewable energy consulting firms prioritize financial returns for their business above all else; here at Capital Solar Group LLC, we ensure that environmental, interpersonal, and long term-financial objectives are achieved and maintained.

Service Types Explained...

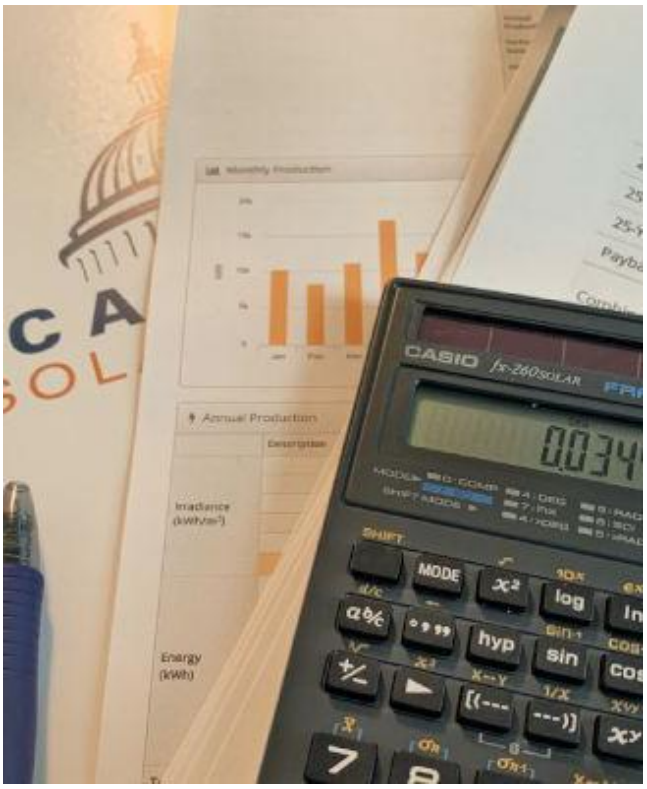
Clients are provided with detailed project insights through in-depth cost models and predictable financial return timelines.

Transparency

We guarantee the development of accurate solutions based on clear and concise project analyses.

EPC APPROACH TO PROJECT ESTIMATION

Capital Solar Group aims to make your initial project starting point as easy as possible. Our experts acknowledge that the solar industry is evolving at a rapid pace. Our in-house NABCEP certified design team has a comprehensive understanding of new technologies and code requirements that enable them to provide you the most efficient and cost-effective PV systems.



Financial Modeling

We deliver cost-effective strategies on an individual project basis, with clearly outlined cost schedules, project payback timelines, rate-of-return periods, and other key financial metrics. Our skilled finance team has years of experience with the intricacies of all solar financing processes. By identifying specified customer financial goals, our experts carefully structure all of the necessary capital requirements to ensure client transparency and understanding.

Here are a few reasons why Capital Solar Group sets itself apart from the rest of the industry...

- **IT'S PERSONAL-** Every client deserves our undivided attention. We understand that each solar project has a unique set of characteristics and goals.
- **QUALITY-** Your system will be built with top-of-the-line products and are designed and assembled with our exceptionally qualified team.
- **POINT OF RETURN-** Accuracy in project estimation yields predictable financial timelines which will sustain your bottom-line.

Feasibility Studies

Let our expert site-analysis team help you decide the viability of your potential site location.

DESIGN & BUILD YOUR SOLAR ASSET

Rooftop Solar Solutions

Capital Solar Group prides itself on designing and constructing some of the most challenging solar projects in the greater DC area. Whether your company owns a warehouse with a flat roof or an apartment complex with a multi-pitched roof, Capital Solar Group customizes every project to your specified requirements. With job experience ranging from 5 Kw to well over 500 Kw, your future project's size is never an issue.

Electrical & Structural Engineering

Our team of NABCEP certified solar engineers provide in-depth plan sets, component details, and timelines on a project-by-project basis.

On Time Project Delivery

By starting with conservative time schedules and cost models, your project will stay on time and within budget.

Utility Interconnection

Years of working in the DMV have trained our solar profesionals to know the ins and outs of dealing with all the major utility providers in the area.

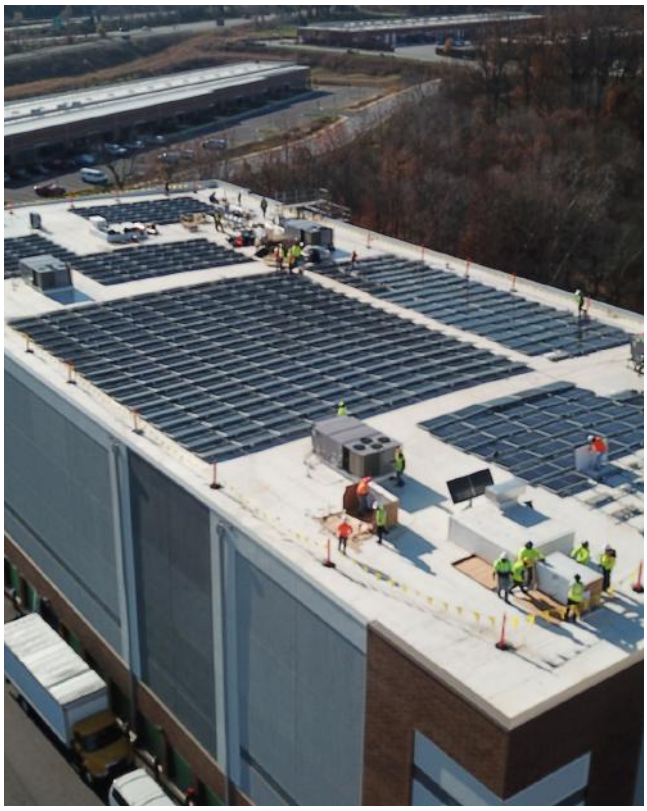
Starting with the initial plan-set, projects are reviewed under a specific set of individually tailored criteria by our NABCEP certified solar engineering team. Even if your structure does't have a roof, Capital Solar Group specializes in the design and installation of PV carport systems.

Ground-mounted Solar Solutions

Whether you operate a farm and have a few unoccupied acres, or you simply don't have a roof fit for solar technology, ground-mounted solar solutions can often provide even higher returns than rooftop solar.

PROTECT YOUR SOLAR ENERGY ASSET

Once your new solar project is built and ready to start producing clean renewable solar energy, it is important to ensure that your system's components maintain peak performance. Like any building's roof, inspections and maintenance are vital in making sure that system performance and quality-of-work are never compromised.



Commissioning Services

Whether you have a new solar project in mind or a pre-existing system that requires recommissioning, we can ensure that your solar asset maintains a high ROI by properly testing and maintaining your investment. By utilizing high end equipment in tandem with over 25 year of combined experience, our solar experts perform rigorous testing to safeguard and correct potential performance issues.

Here are some ways we can help protect your solar energy asset:

- IV curve testing ensures that all system components are functioning properly.
- Preventative maintenance and quality control is the most reliable way to ensure smooth operations.
- System component failure is an inevitable part of all electronics, so we make sure all your product warranties and replacement service is safe.

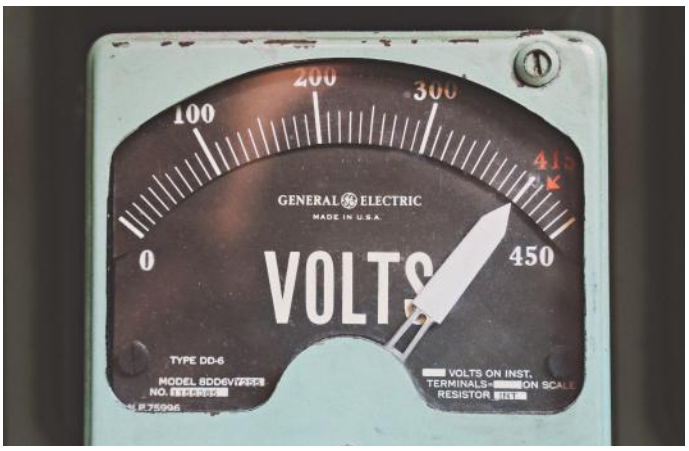
Monitoring & Reporting

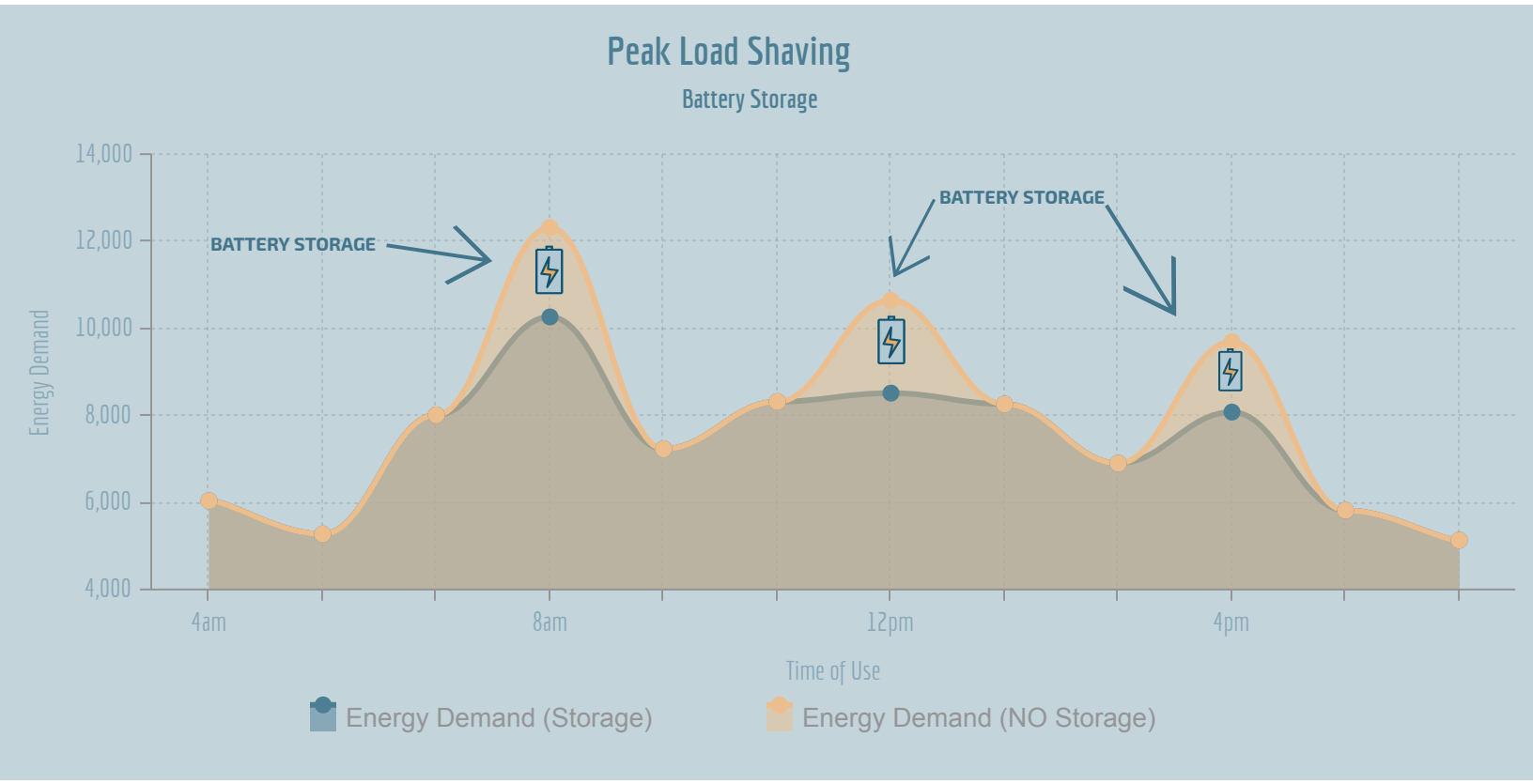
Once your system is up and running, it is essential to protect your solar asset by making sure it is performing to its full potential.

SOLAR SOLUTIONS & ENERGY STORAGE OPTIONS

Energy Storage Solutions

Our solar experts have closely monitored the technological advancements in battery technology. As a result, energy storage solutions will increasingly become more viable in the future. When paired with solar technology, energy storage options can generate larger ROIs than the average solar project by allowing your business to use clean renewable energy even when the sun isn't shinning.





With a deeper understanding of the social, environmental, and financial aspects of your project and company, we will provide customized energy storage solutions based on energy consumption data. After we collect, analyze, and engineer a solution, you are one step closer to generating renewable solar energy saving.

Electric Vehicle Charging Stations

As hybrid and fully electric vehicles (EV) become more viable and widespread, providing localized charging stations is increasingly important. Whether you need a single EV charger replaced, or an entire solar canopy with EV charging in every row, we have you covered.