



GREEN ENERGY

Building a Sustainable Future



# Our Mission

“Empowering Nations to embrace renewable energy **solutions**, reduce their carbon footprint, that **create long-term value** for stakeholders and **promote a cleaner, greener world.**”

**For over 3 years, AlBany Green Energy has been providing clean energy solutions throughout APAC and North America**

AlBany Green Energy is a market-leading, independent power producer and service provider, delivering:

**grid-scale power:** large commercial wind (onshore and offshore), solar and storage projects for corporates and utilities

**distribution-scale power:** solar and storage customized for utilities, co-ops, landowners, communities, and institutions

**onsite solutions:** behind-the-meter solar, storage, smart EV charging, microgrids, and energy management systems for corporate and industrials

**asset optimization:** technical, operational and commercial skills to maximize performance of generating projects

AlBany portfolio consists of 3.2 gigawatts (GW) of developed projects in less than 3 years.

AlBany Green Energy (AGE) is a subsidiary of the dedicated renewable energy affiliate of the AlBany Group.



Origination



Development



Transaction



Construction



Optimization







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## ENERGY & EXPERTISE

**Caring for communities and the climate.**

AlBany Green Energy has been developing and operating clean energy projects across the globe since 2021. We focus on ways to build high-quality power projects by establishing long-term business relationships with people who share our mission of delivering renewable solutions to lead the transition to a sustainable energy future.

The nature of our business directly benefits the environment but our commitment doesn't stop in the field. We also consider the environment where we work and live. It is a critical part of our culture to take environmental initiatives wherever possible in our host communities.

3.2 GW

renewable energy  
projects

developed across the world  
with global expertise

7000 MW

in pipeline

We continue to expand our energy expertise with projects in various stages of development throughout Canada.

\$142+ million

Invested since 2021, including support of sustainable practices across the globe.

# PARTNERSHIPS

**Our global development expertise and competency ensures that we are the prime trusted partner to develop, build, operate and maintain any renewable energy project across the globe.**



“Partnering with AlBany Green Energy has been one of the more progressive business partnerships that we’ve engaged in. We want to be able to produce electricity that is much needed from Ibri plant

- Abey Groover  
Blue Diamond Group

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## Developers

AlBany Green Energy is the right company to help manage all aspects of your prospective project to ensure it gets built on time and on budget with your reputation in the community intact. As your partner, AlBany Green Energy:

- ❖ Consolidates services and simplifies the process
- ❖ Works closely with your community
- ❖ Manages the environmental and other regulatory approval and permits
- ❖ Oversees all stages from site analysis to construction management, operations and asset management
- ❖ Provides financial strength and backing
- ❖ Selects the right technology for the project
- ❖ Ensures the long-term sustainability of your project

## Landowners

A lease agreement with AlBany Energy increases and diversifies your income sources at no cost to you, with little effort and minimal impact on your current activities. Partnering with us:

- ❖ Provides predictable, long-term income
- ❖ Integrates well with agriculture, forestry, hunting, and livestock
- ❖ Protects your air and water, and leaves no hazardous waste
- ❖ Preserves your stewardship of the land and environment
- ❖ Assures you are working with an experienced team of specialists

## Indigenous Communities

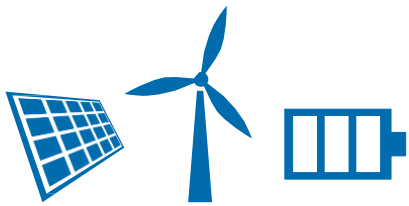
AlBany Green Energy believes in protecting natural resources and developing clean, renewable energy. Harmonious collaboration with indigenous communities creates opportunities to partner as co-developers and project owners. We are experienced in development of community projects and we value and respect the traditions and culture of indigenous peoples.

AlBany Green Energy has the financial strength and capital to develop projects that create revenue sources from renewable energy for communities. Together, we can create renewable energy that:

- ❖ Generates electricity locally
- ❖ Provides economic benefits and opportunities that strengthen indigenous peoples' communities and businesses beyond the renewable energy project
- ❖ Creates construction and operation jobs and training programs for community members
- ❖ Respects and recognizes local traditions, concerns, and priorities







## GRID-SCALE POWER

**Big projects. Bigger impact.**

**AlBany Green Energy** Grid-Scale Power team provides origination, development, transaction and construction services for large-scale wind (onshore and offshore), solar power generation, and storage projects across North America.

Our team of leaders can solve energy challenges facing corporations and communities no matter the size or complexity.

# 3+ years

We've been leading the change and generating a sustainable future and ROI from nature.

# 3.2 GW

We expanded into project development in 2021 and have developed 3.2 GW of grid-scale solar, wind and storage projects across North America and APAC.

# 4500 Ton

Since 2021, we helped to reduce 4500 Ton of CO2 Footprints from North America and APAC.

# 250+

On-site jobs created over the lifetime of our Grid-Scale Power projects









## DISTRIBUTION-SCALE POWER

**Experienced. Reliable. Integrated.**

The Distribution-Scale Power team provides industry-leading, cost-effective development, engineering, construction, and operations of solar and storage projects.

Solutions are customized for utilities, co-ops, communities, and institutions. The team specializes in community solar and environmentally sensitive sites.

# 3+ years

We started our distributed business in 2021, which consisted of residential and small commercial solar projects.

# 208 installations

We have experience designing, developing, and constructing solar and storage projects on all types of sites, including landfills, brownfields, and wastewater treatment plants.

# 1,500+ MW

The Distribution-Scale Power team has installed over 1,550 MW of solar photovoltaic and storage projects across APAC.

# 20-100

Temporary construction jobs created per project during construction.









## ONSITE SOLUTIONS

**Multiple solutions. One point of contact.**

Our onsite solutions services are provided by our brand. Albany Green Energy's scalable offerings include onsite solar, battery storage, electric vehicle charging, microgrids, and energy management systems. Whether standalone or working in concert as a bundled system, these technologies bring clean, reliable, and affordable carbon-free power when and where it is needed, helping our clients reduce their long-term energy costs, increase resiliency, and achieve sustainability goals.

# 500<sub>MW</sub>

## solar installed

We're commercial solar experts. With rooftop, ground and carport projects across the United States, we've worked across industries to create projects personalized for our customers.

# 23<sub>MWh</sub>

## storage installed

Our storage projects help give our customers more control over their energy use while increasing reliability.

# 3500+

## EVs installed

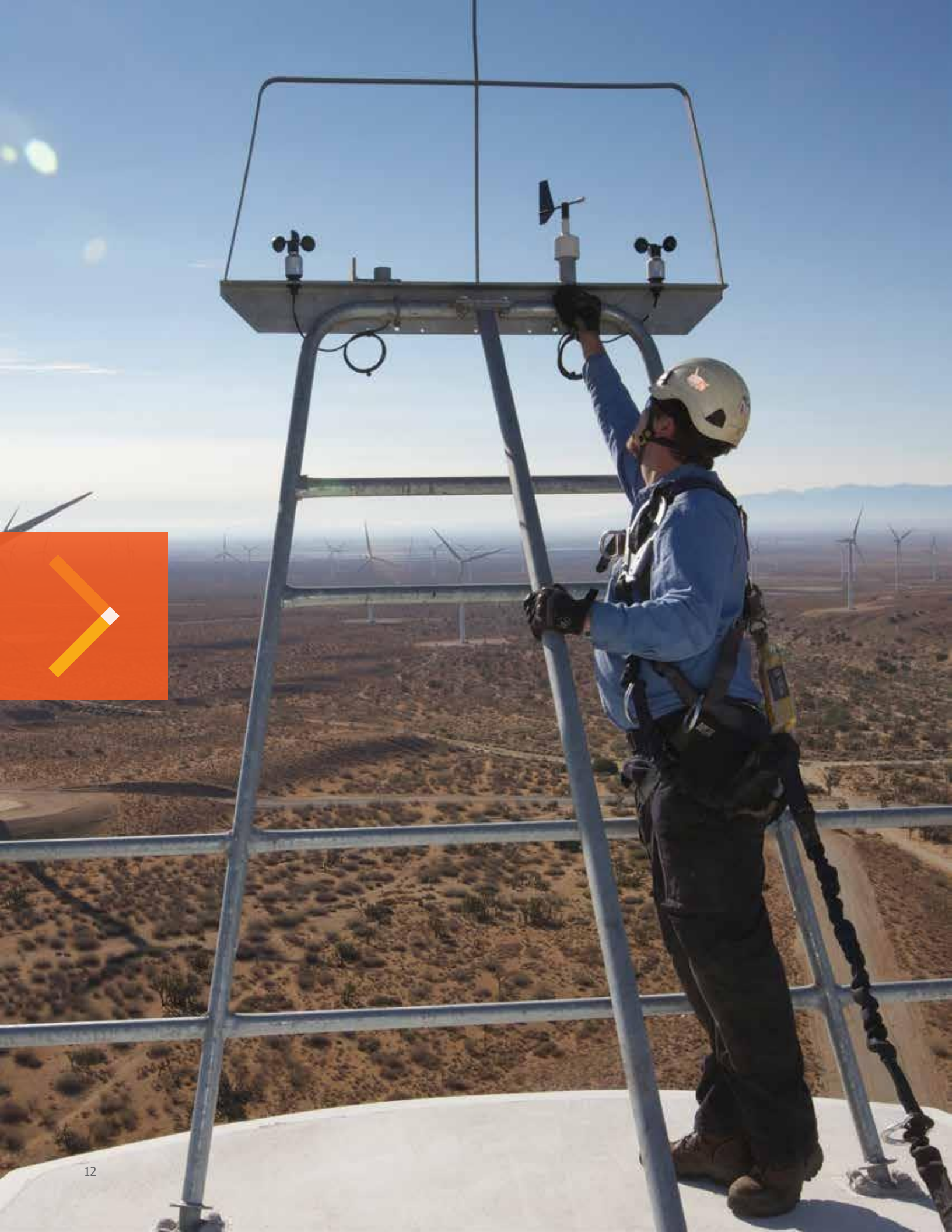
Our Adaptive Load Management software algorithm optimizes power consumption across a large network of EV charging stations helping customers make the most out of their EV chargers.

# 50+

## employees

With employees across departments covering all departments Albany Green Energy has the top-notch experienced hands in line.









## ASSET OPTIMIZATION

**Maximize power production, efficiency and your investment.**

The Asset Optimization team offers a full range of services for all phases of renewable energy projects – operations, management, procurement, routine and emergency maintenance, retrofits and upgrades.

Our experienced team of over 400 full-time technicians, supervisors, managers and support staff means Albany Green Energy is fully equipped to manage the balance of plant and day-to-day operations of your wind or solar project.

# 13 GW

## operations & maintenance

- On-site Preventative and Corrective Maintenance
- Balance of Plant (BOP) Management
- Major Component Repair / Replacement
- Engineering Support

# 2.2 GW

- 24\*7\*265 Monitoring
- Performance Reporting
- Fault Reset / Notification Curtailment
- SCADA / NERC Compliance Support

# 2.2 GW

## Asset Management

- Manage Cash/ Debt Equity
- Ensure Contractual Compliance
- Monitor / Limit Market Risk
- Identify / Remedy Underperforming Assets
- Manage Power Purchase Agreements (PPA)

# 150+

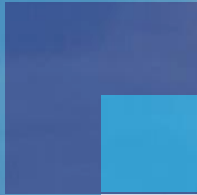
asset  
optimization  
experts





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Building a Sustainable Future



# ONSHORE WIND

Wind power is a limitless, non-polluting resource that consumes virtually no water, and the power it generates is even more affordable than ever, with a 47% reduction in cost over the last 10 years.



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## Generating reliable energy, jobs and revenue.

When we operate our wind facilities, we provide long-term, fixed pricing in an environment where prices are constantly increasing, while also reducing CO<sub>2</sub> emissions, the most abundant greenhouse gas in the atmosphere.

Our wind projects support the local communities in which we work through landowner payments and tax revenues, while simultaneously creating jobs in construction and wind project operations. Al Bany Green Energy(AGE) operating wind plants are among the top performers in the industry.

If you are a utility, municipality, cooperative or corporation, AlBany Green Energy(AGE) can formulate a deal structure that meets your specific renewable energy goals.

We offer traditional Purchase Power Agreements (PPAs), Virtual Power Purchase Agreements (VPPAs), Design Build Sell (DBS) and a number of other offtake arrangements including hedges and renewable block products.



ONSHORE

**1.6**<sup>GW</sup>  
developed

**12**  
projects

**3**  
countries





# OFFSHORE WIND

Offshore wind is a vast energy resource in the United States, with a national target of 30 GW by 2030.

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## New opportunities, new ventures in wind.

We are taking advantage of our many years of experience from onshore projects in order to guarantee an optimal level of operation for our offshore facilities.

Harnessing America's offshore wind resources presents an enormous opportunity to:



Create tens of thousands of highly skilled jobs



Revitalize coastal communities



Deliver large amounts of clean, reliable energy to the country's biggest population centers



OFFSHORE

**3** GW  
in development



The logo for Albany Green Energy, featuring the word "AL" in black on a yellow background and "BANY" in white on a green background.

**AL BANY**

GREEN ENERGY

Building a Sustainable Future

A decorative graphic consisting of two overlapping squares: a red one on top and a yellow one on the bottom.

# SOLAR

Solar energy is a sustainable, indefinite renewable resource for energy consumption, experiencing continued growth as solar PV prices have dropped 52% over the last 10 years.

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## Producing sustainable energy to meet demands.

We design and build solar projects both on the distribution and grid-scale level. We contract with off takers for long-term agreements or turnkey solutions — for customers who desire to own the asset.

ALBany Green Energy (AGE) is also a leading developer of environmentally sensitive sites, revitalizing former landfills, brownfields and wastewater treatment plants into solar facilities.

Our tailor-made solutions meet the growing energy needs and demands of utilities, municipalities, cooperatives, universities and corporations.



**3.2<sub>GW</sub>**  
developed,  
constructed or  
contracted

**3**  
countries



GREEN ENERGY

Building to create a better

### Clean and affordable energy, right where you need it

An onsite solar system is just as good for business as it is for the environment. Market data suggests that the average commercial property owner in the U.S. and Canada can slash overall energy costs by 75% by going solar. That's because producing your own electricity with solar at your facility means you'll greatly reduce your utility power consumption and the costly peak demand-based charges that come with it.

Since an onsite solar energy system is physically located at the point of use, it doesn't rely on the massive system of utility transmission and distribution lines that are increasingly vulnerable to extreme weather and other threats.





## EV CHARGING

EV Charging is rapidly accelerating within the United States. In 2020, electric car sales reached a record 3 million vehicles, up 40% from 2019. Over the next 10 years, it's estimated that 60% of new car sales will be for EVs.

# Electric vehicle smart-charging systems – large scale, cost effective, load managed.

Charging solutions must be implemented in the right places and quantities to sustain the growth of Electric Vehicle (EV) adoption.

To meet the scale required of the current adoption trends, businesses are confronted with substantial upgrades to their electrical systems, making EV charging installations financially burdensome and lengthy in time, if not completely infeasible.

ALBany Green Energy collaborates with top suppliers providing Adaptive Load Management (ALM), software algorithm that optimizes power consumption across a large network of charging stations. ALM optimizes each station's output to meet user demand while only using a fraction of the aggregate power traditionally required.

This allows businesses to shave as much as 60% off the cost of electrical system upgrades and peak-demand charges, paving the way to larger and more affordable charging networks that ultimately meet or exceed the adoption pace of electric vehicles.



Workplaces  
Campuses  
Municipalities  
Fleets

**3500+**  
deployed



Design



Hardware



Software



Installation



Maintenance





# MICROGRID

Power outages are estimated to cost the U.S. economy \$150 billion annually. A microgrid is a zero-capital-cost energy solution that delivers energy resilience, reliability, lowers utility bills and achieves sustainability commitments.

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## Clean Technology, Flexible Solutions

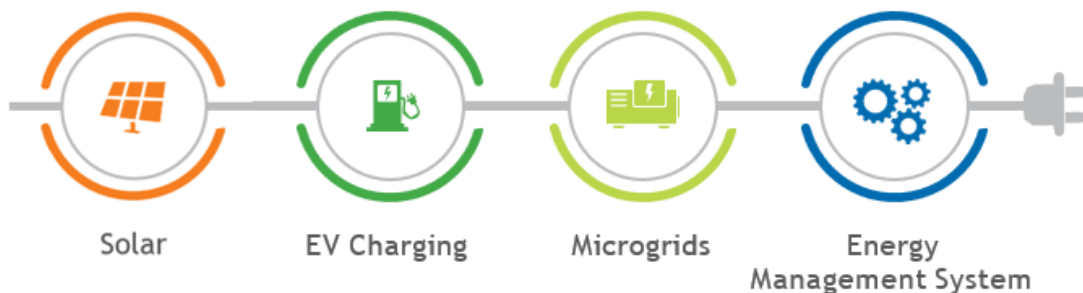
AlBany Green Energy brings all of your clean energy needs under one roof. AlBany Green Energy is a national provider of renewable energy infrastructure with a comprehensive suite of flexible, turnkey solutions designed to transform any organization into a clean-energy facility.

### Go Beyond the Grid

Our scalable offerings include onsite solar, battery storage, electric vehicle charging, microgrids, and energy management systems. Whether standalone or working in concert as a bundled system, these technologies bring clean, reliable, and affordable carbon-free power when and where it is needed, helping our clients reduce their long-term energy costs, increase resiliency, and achieve sustainability goals.

### Multiple solutions, one point of contact

When you work with AlBany Green Energy, you have access to a full menu of renewable energy options that allows you to generate, store, and utilize zero-emissions electricity right on your own property. Our experts will design and build a dependable and long-lasting system that's not only tailor-made to your current needs but also has the ability to expand as those needs evolve. Best of all, you only need to interface with a single, reliable partner— AlBany Green Energy .







Solar Carport



Solar Rooftop



Solar Ground-mount



Electric Vehicle Charging



Operations & Maintenance



Energy Efficiency



Energy Management Systems



Retail Energy Supply



Thermal Generation



Research & Development



LED



Storage



GREEN ENERGY

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