

Corporate Brochure

Clean Energy Solutions
& Technology



**Smarter Energy
for a Cleaner Future**

Solutions for a Low Carbon World

Offering Smarter Energy for a Cleaner Future

Capstone Green Energy is a provider and partner in smart energy solutions that help lower your carbon footprint, increase cost efficiencies, build better resiliency for your business and connect with your customers.

As an energy solutions provider, Capstone works with you as a trusted, long-term partner. That means we are with you every step of the way, designing, delivering and managing a comprehensive package for every customer. From microturbines to microgrid solutions to strategic energy management, Capstone helps you build and maintain a smart energy infrastructure.



We don't try to fit clients into an off-the-rack, clean energy solution. Instead, we develop a custom-tailored, highly efficient system that addresses each client's unique business requirement. Then we monitor and optimize system performance and back it all up by our 20-year, all-inclusive service agreement.

— Darren Jamison
President & CEO

The Cost of Unreliable Energy

The cost of energy is much more than paying for electrons. Ask yourself: How much would you lose if your business had to close for several days due to a power outage?

- How important is resiliency for your business?
- What would the total cost be if you had to face disruptions or delays?
- What about getting equipment and machinery back online?
- What is the cost to customers who depend on your services?

The Sustainability Opportunity

In order to build a sustainable future, businesses need to act now. Utility power grids are becoming increasingly unreliable in the face of severe weather, with outages and costs on the rise. Governments, agencies and consumers are demanding cuts in global emissions to net-zero, meaning massive reductions in greenhouse gas emissions will be required by every part of the economy.

Take swift and meaningful action to protect the planet and the future of your business. Action is the right option - Don't wait for government policies to mandate how you run your business. Capstone Green Energy will help you embrace that change and put you in the lead with customers and ahead of competitors.



Today, sustainability is a driving force behind your buyers' decision-making process.

What will they say about your business?

Sustainable and ethical business practices are the second-highest reason most consumers return to a brand, second only to product quality. That means sustainability is a key factor in customer loyalty.

Your Strategic Energy Partner

Strategic Expertise

Working to reduce your carbon footprint is not only a smart way to align with the rapid shift in consumer behavior, it is founded on solid business fundamentals. It's a proven way to build resiliency, improve reliability and reduce costs. The power is in your hands to be intelligent about your energy and your business.



Microgrids for Primary Power

Capstone can deploy pre-engineered microgrid solutions for customers on or off the grid. Capstone's energy resilient microgrids are designed to integrate distributed energy resources (DERs) such as solar PV and battery storage systems.

A Capstone control system maximizes efficiency.



Plant Efficiency and Resiliency

Capstone's green energy solutions can be easily integrated to capture thermal energy in the exhaust to provide a significant economic advantage to end users.

Capstone's wide range of solutions optimize efficiency to create perfectly balanced and resilient energy systems.



Hydrogen Systems

As a thought-leader in the energy sector, Capstone recognizes that hydrogen will play an important role in the future of the renewable, green energy landscape.

Capstone is developing a hydrogen version of its products and continues to explore the energy landscape for complementary partners, technology and applications.

Energy as a Service (EaaS) Provider

Commercial, institutional, and industrial customers are increasingly looking to outsource energy management functions due to the growing complexity of available energy technologies. Capstone Green Energy can provide an Energy as a Service (EaaS) solution that requires no out-of-pocket capital expense and is tailored to meet the needs of each customer. Capstone Green Energy can provide short term and longer term solutions to help you reduce your energy expense with no upfront cost and provide a long-term service solution to keep your equipment performing in top condition for the life of the project, reducing risk and assuring you receive the benefit you expected.

Long-Term Partnership

Capstone is a long-term partner that helps you be ready for the future today. There's no one solution to the problem, which is why a partner like Capstone Green Energy can guide customers through the design, implementation and management process through the utilization of technology and experience. Capstone is here to help customers have a positive impact on the environment and meet power, reliability and efficiency needs.



Capstone works with you to build a **smart energy infrastructure** using a combination of technologies that include - energy storage, microturbine generation, solar PV, cogeneration of heat and chilling and more!



Comprehensive Energy Solutions

Innovative decarbonization solutions and technology for a cleaner future.

Energy Generation Technologies (EGT)

Energy Generation Technologies include products such as Capstone's foundational microturbine technology which can operate on a wide range of fuels. These products produce high-efficiency combined heat and power (CHP) and combined cooling heat and power (CCHP). These innovative products significantly reduce operational expenses, ensuring high power availability and help to preserve the environment with a near-zero emissions profile.

- Capstone Microturbines (65kW-10MW)
- DC Microgrid Solutions (5kW-500kW)
- Industrial Gas Turbines (5MW-16MW)
- Solar PV & Concentrated Solar

Energy as a Service (EaaS)

For businesses with capital or operational constraints, we offer long-term rentals and equipment leasing. We also provide a range of energy services including energy audits and strategic consulting. For all Capstone projects, we offer comprehensive, long-term project care through aftermarket support including factory spare parts, logistics, and extended warranties.

- "Energy as a Service" long-term rental fleet
- Long-term service contracts (FPP)
- Service and spare parts



Energy Storage Solutions (ESS)

Capstone works to build a smart energy infrastructure using a tailored combination of lithium-ion battery energy storage and a robust control and monitoring software platform that maximizes utility cost savings, lowers emissions and creates resilient systems that meet our clients' specific needs.

- Battery Energy Storage
- Microgrid Controls

Hydrogen & Sustainable Solutions (H&S)

Capstone is currently developing a hydrogen-fueled microturbine while developing strategic relationships with technology partners. These OEMs will use the Capstone core technology for zero-carbon solutions in concentrated solar and biomass.

- Hydrogen Blend Microturbines
- Industrial Hydrogen Turbines
- Externally Fired Microturbine

Products & Technologies

Versatile energy solutions for a range of commercial, industrial and utility scale projects.

Microturbine Systems

Capstone's foundational microturbine technology has transformed the way businesses think about energy production by significantly reducing operational expenses, ensuring high power availability and helping to preserve the environment with a near-zero emissions profile. Clean-and-green Capstone microturbines operate on a variety of gaseous and liquid fuels, such as natural gas, propane and methane, as well as hydrogen blends to serve multiple markets worldwide.



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We continue to explore the ever-changing **energy landscape** for complementary partners, technologies, and applications that enable carbon reduction goals to be achieved.

Solar PV

Capstone's high-density PV product is a complete energy system that allows customers to have more power generation over the life of their systems in the same square footage as a conventional solar system. The modules are shade tolerant, resilient, cost-effective, and proven over time to be safer than traditional solar photovoltaic systems.

Industrial Turbines

Custom tailored industrial gas turbines allows Capstone to serve customers with energy needs that exceed the capacity of our core low-emission microturbine based energy systems. The industrial product line offers commercial and industrial partners with solutions capable of providing up to 60 MWs of power generation while providing high reliability, long service intervals, and very low emissions.

Energy Storage

Capstone's energy storage solutions offer market-leading energy density with lowered operational and installation costs. The solution was designed with customers and safety top-of-mind for ease of use and reassurance in a superior product. Their vertically integrated supply chain enhances our ability to meet global demand successfully and support an array of energy storage projects.



Worldwide Service

A Global Network of Industry Professionals

Developed from the ground up, our most valuable and intangible asset is our worldwide distribution network. Our distribution partners not only provide a vital link between Capstone and our customer base, they collaborate with us to provide the highest quality products, services and customer experience possible.

Capstone's global distribution network has allowed us to ship over 10,000 units to 83 countries. Today, we're working harder than ever to penetrate markets in new and developing regions and refine our existing global market representation.





Energy Efficiency



Generate on-site power and capture thermal energy from the exhaust in CHP and CCHP applications for Hotels, Large Residential Complexes, Retail Buildings and Office Buildings.



Oil, Gas and Other Natural Resources



Produce on-site power for all phases of oil and gas production in both onshore and offshore applications including Drilling Operations, Flare Gas Reduction, Gas Compression, Mining and Water Conversion.



Renewable Energy



Cleanly and efficiently generate on-site power from biogas and other waste products to create high-efficiency renewable power and heat for Farm Digesters, Landfills, Food Waste and Solid Waste Management.



Critical Power Supply



Mission-critical businesses have an uninterruptible power source with the world's only microturbine-powered UPS solution for Data Centers, Hospitals, Telecom and Power Rentals.



EV Charging



Using renewable energy to power EV charging infrastructure eliminates the strain on the grid and the environment simultaneously, especially when paired with smart EV charging solutions.



Microgrid



Provide reliable, resilient on-site power through a dual-mode microturbine or in conjunction with other distributed energy resources that can operate independently of the utility grid to balance loads and generation.

Capstone Green Energy Corporation is a leading provider of customized microgrid solutions and on-site energy technology systems focused on helping customers around the globe meet their carbon reduction, energy savings and resiliency goals.

Capstone Green Energy focuses on four key business segments. Through its Energy as a Service (EaaS) business, it offers rental solutions for its microturbine energy systems and battery storage systems as well as aftermarket parts and comprehensive service contracts through a comprehensive Factory Protection Plan (FPP) product. Energy Generation Technologies (EGT) are driven by the company's industry-leading, highly efficient, low-emission, resilient microturbine energy systems offering scalable solutions in addition to a broad range of customer-tailored solutions, including hybrid energy systems and larger frame industrial turbines Baker Hughes. The Energy Storage Solutions (ESS) segment designs and installs microgrid storage systems creating customized solutions using a combination of battery technologies and monitoring software. Through Hydrogen Energy Solutions (H&S), Capstone Green Energy offers customers a variety of hydrogen products, including the company's microturbine energy system.

Our vision is to become a leader in the battle against climate change. We will accomplish this by offering our proven, advanced green energy power solutions. We are committed to protecting the environment and the people who live in it, believing that the world we leave behind for our children and grandchildren should be better than the world in which we live today.

As an organization, we have a moral duty to behave ethically. We strive to be honest and forthright in all actions within our organization and externally relative to our environment, our society, our customers, and our shareholders.

For more information about Capstone Green Energy and its clean-and-green microturbine technology solutions, please visit www.capstonegreenenergy.com or call 1.818.734.5300.

