



# Corporate Brochure

What Can Capstone Do For You?

*Reliable power when and where you need it.  
Clean and simple.*

# Capstone Microturbines

Capstone's industry-leading microturbine energy solutions help improve business operations by putting the end user in control of their energy costs. Capstone microturbines provide clean energy to organizations of varying industries and sizes. Advanced engineering and more than 100 patents put Capstone microturbines in a class of their own. By integrating an aero-based turbine engine, a magnetic generator, power electronics, with patented air bearing technology, Capstone microturbines are the ideal solution for today's distributed energy needs.

Capstone microturbines are transforming 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, to serve multiple markets worldwide.

- + Ultra-low emissions
- + One moving part - minimal maintenance and downtime
- + Patented air bearing - no lubricating oil or coolant required
- + Reliable - tens of millions of run hours and counting
- + Remote monitoring and diagnostic capabilities
- + Various Factory Protection Plans available

# Capstone Applications

Capstone microturbines are used in distributed power generation applications including cogeneration and trigeneration, smart grids, microgrids, peak shaving, energy resiliency, remote/primary/standby power, renewable energy and range extension on hybrid electric vehicles. Capstone microturbines are scalable from 30kW to 30MW.



# Capstone Market Segments



## 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 onsite power operating on 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.



## Transportation



Operate in conjunction with battery packs to provide onboard battery charging and vehicle range extension to Commercial Trucks, Heavy-duty Vehicles, Supercars, Transit Buses and Delivery Vehicles.



## Marine



Provide onboard auxiliary power, vessel range extension and utilize thermal energy for onboard heating and cooling of Cargo Ships, Commercial Vessels, Luxury Yachts and Work Boats.

Capstone Turbine Corporation® is the world's leading developer and manufacturer of clean-and-green microturbine power generation systems, and was first to market with its high efficiency air bearing turbine technology. Capstone has shipped thousands of microturbines to customers worldwide. These innovative and award-winning systems have logged millions of documented runtime operating hours and are compliant with current and future emissions regulations.

With over 95 distributors worldwide, Capstone's low-emission microturbines serve multiple vertical markets with industry-leading reliability and efficiency. Capstone offers a comprehensive product lineup, providing scalable solutions from 30kW to 30MW.

Capstone is a member of the U.S. Environmental Protection Agency's Combined Heat and Power Partnership which is committed to improving the efficiency of the nation's energy infrastructure and reducing emissions of pollutants and greenhouse gases. A UL-Certified ISO 9001:2015 and ISO 14001:2015 company, Capstone is headquartered in the Los Angeles area with sales and/or service centers in the United States, Latin America, Europe, Middle East, and Asia.

**For more information about Capstone Turbine Corporation and its clean-and-green microturbine technology solutions, please visit [www.capstoneturbine.com](http://www.capstoneturbine.com) or call 818.734.5300.**

