

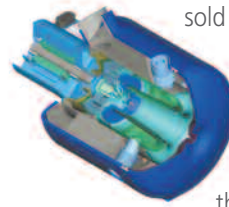
Concerned About Power Outages,
High Electricity Prices, And Climate Change?

We Can Help.



WHAT CAN CAPSTONE DO FOR YOU?

Founded in 1988, Capstone Turbine Corporation develops, manufactures, sells and services microturbine technology solutions. The Capstone MicroTurbine® is similar to a miniature jet engine in a case the size of a Sub-Zero refrigerator. The first microturbine was



sold in 1998 for a stationary power generation application. The Capstone turbogenerator has just one moving part supported by our patented air bearings; there are no liquid lubricants or coolants to maintain. State-of-the-art electronics are used to convert the high frequency power from the turbogenerator into useful 50 or 60 Hz three phase output. Capstone MicroTurbines can operate on a variety of gaseous or liquid fuels and emit very low emissions, making Capstone a clean, green, reliable source of energy. By integrating an aero-based turbine engine, a magnetic generator, advanced power electronics, and maintenance-free air bearing technology, Capstone MicroTurbines are an ideal solution to today's Distributed Generation needs. Capstone MicroTurbines are used in stationary distributed power generation applications including cogeneration, resource recovery and secure power and hybrid electric vehicles (HEV). They are scalable from 30 kilowatts to a few megawatts. In addition, the impressive reliability of the Capstone MicroTurbine when compared to the failure rates of incumbent technologies makes Capstone the right solution for unmanned sites below 2 megawatts.

The Tahoe Center for Environmental Studies was designed and built with the highest environmental standards. The building has a number of different systems, including a Capstone Model C30 MicroTurbine, that interact with each other to achieve excellent energy efficiency.



Capstone also offers an Advanced Power Server (APS) which functions as a "supervisory" control point for multiple Capstone MicroTurbines. The software in the APS can be configured to accommodate a wide range of operating scenarios, letting the customer gain maximum value from their microturbine installation. The APS can provide real time data via a web connection.

C30 Microturbine

The Capstone C30 Microturbine is a compact, ultra-low-emission generator providing up to 30 kW of power.



CAPSTONE MICROTURBINE APPLICATIONS

Combined Heat & Power (CHP) and Combined Cooling, Heating & Power (CCHP)

Capstone MicroTurbines generate electrical power and usable exhaust heat which can provide hot water, or drive an absorption chiller for air-conditioning, among other uses. Clean, efficient Distributed Generation (DG) offers a variety of societal and customer benefits.

Efficient Use of Fuel By recycling the waste heat from the electric generation process, efficiencies in excess of 80% are possible.

Reduced Emissions A Capstone MicroTurbine CHP or CCHP system provides a tremendous reduction in NOx emissions compared with traditional sources of electrical and heat energy.

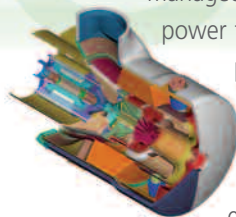
Reduced Greenhouse Gas/CO₂ Capstone CHP or CCHP solutions also significantly reduce CO₂ emissions compared to traditional systems.

Reduced Generation Costs A well-designed project can reduce total utility bills up to 20%.

Support to the Utility Grid Capstone MicroTurbines provide consistent output without fluctuations and are UL1741 certified, allowing interconnection with the utility grid.

Secure Power

Power Reliability Another important customer benefit of using clean, efficient DG is secure power for critical facility loads. The result is that traditional backup diesel generators may not be needed, eliminating them as a source of even greater exhaust emissions. Customer loads managed in this way help the utility during imminent power failure conditions occurring in peak demand periods (like hot summer afternoons). As the utility grid begins to lose frequency control with excessive demand, the facility loads can be switched off of the utility grid, and electric and heat energy are sustained by the microturbines. Thus, the utility sees decreased load during these difficult times, and the customer can continue to power their facility in case the utility grid fails.



The cogeneration system at this prestigious presidential library and Air Force One Pavilion in Simi Valley, California, generates 960 kW of electric power, and the microturbine exhaust drives absorption chillers that provide 387 tons of air-conditioning.

C65 and C65 ICHP MicroTurbine

The C65 provides up to 65 kW of power and the C65 ICHP provides up to 65 kW of power and 150 kW of heat for combined heat and power applications.



CAPSTONE MICROTURBINE APPLICATIONS

Resource Recovery: Biogas

Renewable Fuel Power Capstone MicroTurbines cleanly burn waste gases such as methane and other waste gases from landfills, sewage treatment plants, livestock farms, and food waste processing facilities to create renewable power and heat. This replaces traditional solutions of flaring those gases, or even worse, letting them vent into the air – a practice that is wasteful, polluting, and contributes to climate change.

Resource Recovery: Oil and Gas

Low Maintenance and Rugged Environment Perfect for both manned and unmanned platforms, Capstone MicroTurbines reliably power oil or gas producing operations using unprocessed wellhead gas to generate continuous power. In addition, Capstone platform power solutions require little maintenance and avoid fuel transport and disposal of hazardous lubricants.

Gas Storage/Transmission:

Reliable, Clean On-Site Power In the U.S. and abroad, Capstone MicroTurbines are also helping ensure the flow of natural gas.

Since Capstone MicroTurbines have high availability and infrequent scheduled maintenance intervals, they provide a perfect fit for compression, transmission and storage stations.



The Sauk County Landfill, located in Madison, Wisconsin, is the largest landfill microturbine installation east of the Rockies.

This unmanned platform relies on four C65 Capstone MicroTurbines to produce its continuous power needs.



Hazardous Locations Microturbine

Fueled entirely by wellhead gas, this clean and green platform power solution is a compact and self-sufficient system and is UL certified for hazardous Class I Div 2 locations.



CAPSTONE TURBINE MARKET SEGMENTS



Hospitals – On site CHP is far more fuel efficient and environmentally beneficial than utility power and boiler heating and can dramatically cut monthly power bills.



Hotels – The usable exhaust heat from the Capstone MicroTurbine can provide hot water, or drive an absorption chiller for air-conditioning.



Schools – School buildings and swimming pools are being heated year-round by Capstone MicroTurbine CHP systems.



Large Retailers – CCHP application provides power, security, and economic benefits.



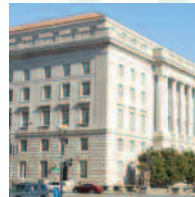
Landfills – Capstone MicroTurbines can provide the total solution: High efficiency electrical and thermal power generation; fully-engineered gas conditioning; and full service coverage.



Wastewater Treatment Plants – Capstone MicroTurbines use methane gas created by anaerobic digesters to generate electricity and heat.



Offshore & Onshore Platforms – Capstone offers UL Certified Class I Division 2 microturbines for hazardous locations.

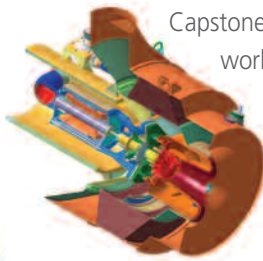


U.S. Government – Capstone MicroTurbines are listed on the GSA Schedule: *GS-07F-92815*.



Telecom – Capstone MicroTurbines provide power security for data centers and telecom sites.

TECHNOLOGY AND CURRENT PRODUCT DEVELOPMENT



Capstone is a leader in developing microturbine technology and has nearly 100 patents worldwide. Our extensive field experience includes millions of operating hours in a wide range of applications. Combining this real world experience with our engineering expertise gives Capstone the capacity to be first to market with many innovative features. We are currently in the commercialization stage of our C200 microturbine operating on natural gas as well as renewable fuels such as landfill gas and digester gas. In addition, in December

C200 Microturbine
The C200 will provide up to 200 kW of power.



2007, Capstone announced the C1000, the world's first megawatt microturbine solution. The new robust megawatt power systems, based on Capstone's C200 MicroTurbine product line, can be configured into 1,000 kW, 800 kW and 600 kW solutions in a single 28-foot-long ISO container.

CAPSTONE'S SERVICE CAPABILITY



Capstone Factory Protection Plan: A Factory Protection Plan from Capstone Turbine Corporation minimizes downtime and fixes maintenance costs, ensuring your system will operate when needed and perform as intended at the lowest total cost of ownership.



Authorized Service Providers: Factory trained professionals provide full service capability when needed.

Capstone Service Network (CSN): Monitors and records key data on the operation and performance of your microturbine(s) on a 24 x7 basis.

Capstone's Commitment to the Environment

Thousands of Capstone MicroTurbines™ are installed and operating worldwide. Our clean, efficient Distributed Generation offers a variety of societal and customer benefits such as reduced fuel consumption, reduced emissions, reduced greenhouse gases, utility grid support, reduced energy costs, and security of power. In addition, Capstone Turbine is a member of the U.S. Environmental Protection Agency's (EPA) Combined Heat and Power (CHP) Partnership, which is committed to improving the efficiency of the nation's energy infrastructure and reducing emissions of pollutants and greenhouse gases. In accordance with EPA's CHP Greenhouse Gas Reduction Report, through 2007, the high efficiency of Capstone Turbine Corporation's 254 CHP projects resulted in annual emissions reductions equivalent to planting 49,932 acres of forest or removing the emissions of 33,288 automobiles.



To learn more, call Capstone Turbine Headquarters at:

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