



NYSERDA Approved CHP Vendor for Pre-Engineered Systems



Product Application

RELIABLE SECURE POWER
Power Where and When You Need It



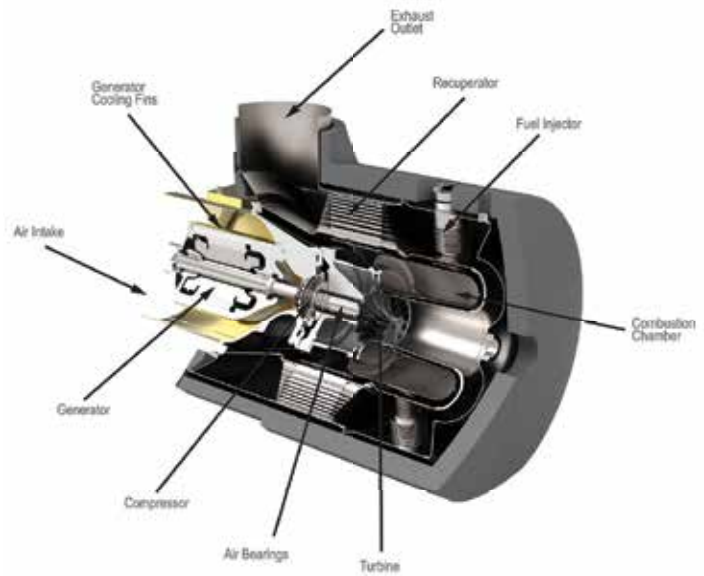
American-made Capstone microturbines are used in various distributed power generation applications.

Low-emission, clean-and-green Capstone microturbines are scalable from 65kW to 10MW. The C1000S Capstone Power Package can be configured into smaller 800kW and 600kW solutions – all within a single ISO-type container.

- Models are available that operate on natural gas, propane, landfill gas, digester gas, diesel, and kerosene
- Ultra-low emissions – 9ppm NOx standard, 4ppm NOx on low emission units
- One moving part – minimal maintenance and downtime
- Patented air bearing – no lubricating oil or coolant required
- Hot water heat exchangers can be integrated onto every unit
 - Allows for ease of installation and small footprint
 - Ability to produce hot water and steam through external heat recovery equipment
- 9-year Factory Protection Plans available with renewable options **longer customized plans available upon request**
- Remote monitoring and diagnostic capabilities
- Integrated synchronization and protection
- Reliable – tens of millions of run hours and counting



Patented Air Bearing



C65 Engine



Capstone Microturbines⁽³⁾⁽⁴⁾

Model	Power Output ⁽¹⁾ (kW)	Electrical Efficiency (%)	Exhaust Gas Flow (lbs/sec)	Exhaust Temperature (°F)	Net Heat Rate (Btu/kWh)	Fuel Input (Btu/hr)	Dimensions ⁽²⁾ (W" x D" x H")
C65	65	29	1.08	588	11,800	842,000	30 x 102 x 76
C65 ICHP	65	29	1.08	588	11,800	842,000	30 x 102 x 93
C200S LP	190	31	2.9	535	11,000	2,287,000	67 x 150 x 98
C200S HP	200	33	2.9	535	13,300	2,287,000	67 x 150 x 98
C600S LP	570	31	8.8	535	11,000	6,861,000	117 x 360 x 114
C600S HP	600	33	8.8	535	10,300	6,861,000	117 x 360 x 114
C800S LP	760	31	11.7	535	11,000	9,148,000	117 x 360 x 114
C800S HP	800	33	11.7	535	10,300	9,148,000	117 x 360 x 114
C1000S LP	950	31	14.7	535	11,000	11,435,000	117 x 360 x 114
C1000S HP	1000	33	14.7	535	10,300	11,435,000	117 x 360 x 114

Thermal Energy Output

Model	Hot Water Output (Btu/hr)	Lbs/Hour Steam @ 5 psig	Lbs/Hour Steam with Duct Burner	Tons of Chilled Water (Hot Water Fired)
C65	388,000	400	3,000	25
C200S	811,000	755	6,650	50
C600S	2,433,000	2,050	19,675	160
C800S	3,244,000	2,744	25,950	200
C1000S	4,055,000	3,486	32,000	250

(1) Nominal full power performance at ISO conditions: 59°F, 14.606 psia, 60% RH

(2) Height dimensions are to the roofline. Exhaust outlet can extend up to 7 inches above the roofline.

(3) Models available to operate on these different fuels: LPNG – Low Pressure Natural Gas, HPNG – High Pressure Natural Gas, P – Propane, LG – Landfill Gas, DG – Digester Gas

(4) All models available to operate on these different fuels: D – Diesel and K – Kerosene

Specifications are not warranted and are subject to change without notice



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

CHP is the production of both electricity and heat from a single fuel source. By using the waste heat from onsite electricity production for heating, CHP increases fuel efficiency and decreases energy costs. For increased energy utilization, CCHP incorporates a third technology, absorption chilling, to offset energy expenses by utilizing the waste heat for cooling. Take control of your energy costs and have emergency backup power with Capstone Turbines by **RSP Systems**; your full service distributor. The unique stainless steel aircraft grade turbine utilizes the most advanced technology; air bearings with no lubrication for cogeneration, tri-generation and backup power.

The cleanest burning engine on the Planet can be integrated into your facility by the professionals at **RELIABLE SECURE POWER SYSTEMS**.

RSP Systems NYC Typical Installations



Hi Rise Residential



Hotels



Hospitals



Schools



Manufacturing



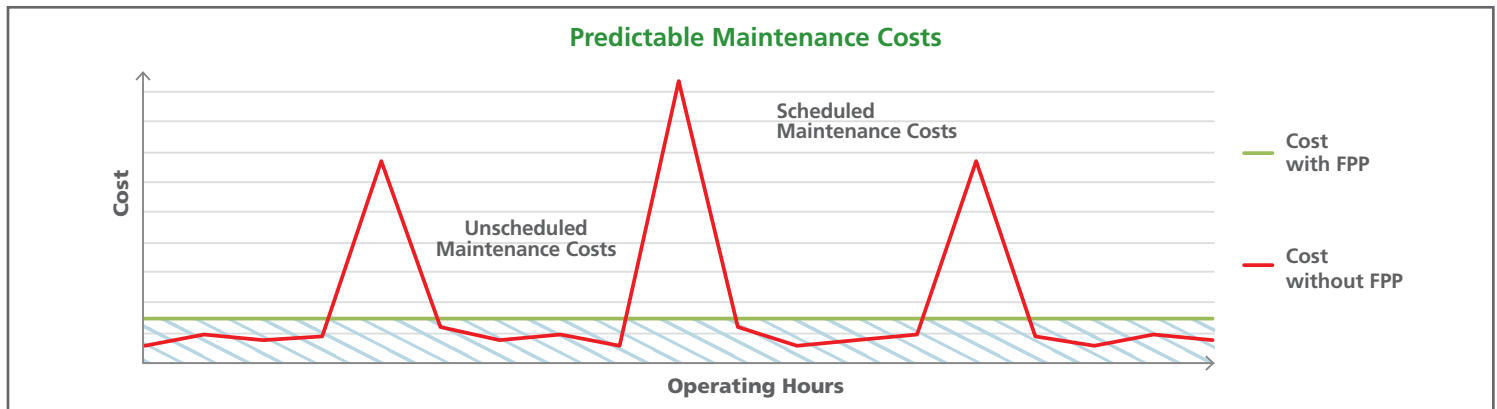
Sports Complexes

RELIABLE SECURE POWER *Power Where and When You Need It*

Factory Protection Plan Benefits

Protecting yourself from potentially high cost repairs doesn't have to be complicated. The Capstone Factory Protection Plan (FPP) is an industry leading maintenance program designed to give you financial peace of mind by fixing the cost of scheduled and unscheduled maintenance.

- Reduces total cost of ownership
- Predictable maintenance costs over the life of the equipment
- Protection against expensive unscheduled maintenance repairs
- Minimizes downtime
- Ensures the microturbine operates at peak performance
- Available for all microturbine systems regardless of current run hours
- Length of contract can be tailored based on your specific needs
- Customizable payment plans



Factory Protection Plan Features

With a spare parts inventory maintained locally by RSP Systems, a long term FPP contract will provide predictable maintenance costs and eliminate uncertainties about unexpected expenditures.

9 years Parts & Labor FPP with RSP Systems

Scheduled Maintenance Parts Engine Filters, Fuel Filters, Injectors, Igniters, etc.	✓
Unscheduled Maintenance Parts Engine Components Fuel System Components Power Electronics Components Optional/Accessory Equipment (if installed) - Main Battery Packs - Heat Recovery Module (HRM) - Advanced Power Server (APS)	✓
Scheduled Maintenance Labor	✓
Unscheduled Maintenance Labor	✓
System Software Updates	✓
Powerhead Overhaul	✓

For service emergencies or questions, please call the Service Center Hotline: 718.991.6999 x 218.

RSP Systems

RSP Systems helps customers in the greater New York and Connecticut area that need significant thermal energy to run their facilities. We choose and implement the best solution for their on-site power-generation needs. We know that a reliable, secure power system is an essential component in our customers' business plans and success, so we work closely with them to understand their requirements and then design and deliver the most cost-effective system available.

We offer Capstone microturbines, which is the best selection of equipment and support services available in the industry. Capstone microturbines can operate on a variety of gaseous or liquid fuels and emit very low emissions, making them clean, green, reliable sources of energy.

RSP Systems has a very strong foundation embedded in the experience of its co-founders' forty plus years of electrical and mechanical contracting and service businesses. RSP Systems service capabilities of 24/7 field support are always available, no matter what! We are the company that has the ability to expertly perform design build cogeneration projects in house. This clearly gives our firm an edge by controlling and streamlining the process in a financially responsible and practical fashion. Less layers of management, fewer engineers, fewer inter company contractual relationships and a team with a common goal for success. When the people representing the beginning of the project are the same people proofing the project post completion and providing service, then you have a full circle team effort. RSP's cohesive structure and unique approach to cogeneration are our most important company strengths and core competencies.

RSP Systems can also combine the microturbines with absorption chillers and/or heat exchangers, boilers and traditional back-up reciprocating generators in order to meet the needs of the facility profile. These systems can be designed for grid parallel, stand alone or dual mode with or without U.P.S. devices for flicker free in a power outage.

Whether your goal is to save money, ensure life safety support, or both, RSP Systems is there to help you decipher the complexity of the energy equation.

Capstone Turbine Corporation

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 microturbines can also operate on a variety of gaseous or liquid fuels and are the ideal solution for today's distributed generation needs.

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 9001:2008 and ISO 14001:2004 company, Capstone is headquartered in the Los Angeles area with sales and/or service centers in the United States, Latin America, Europe, Middle East, China and Singapore.



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