



## Testimonials

**Joe Verschleisser, Plant Engineering Manager, Astor Chocolate, USA** - 9/8/2009 Astor Chocolate, housed in a 120,000 square foot building in New Jersey, turned to Capstone Turbine Corporation for reliable power and to reduce its carbon footprint. The company installed five C60 MicroTurbines® in 2005 in a combined cooling, heating and power (CCHP) application. The microturbines produce 300kW of electricity, which is 50-80% of the facility's power needs. More than 2 million BTUs of thermal energy provide the hot water supply, heat the building and support a 100 ton absorption chiller air conditions the building. "We installed the microturbines to enhance our already developed co-generation design and to go further 'green' with the latest technology," Verschleisser said. "The Capstone microturbines have paid for themselves and proven to be dependable and reliable. Astor is proud of our accomplishments in going 'green'."

**Valeriy Ignatenko, Chief Power Engineer for Sport Center Igora in Russia** - 8/14/2009 The luxury ski resort, Sport Center Igora, in the Leningrad region near St. Petersburg, Russia is 54 kilometers from the nearest power line. Today, 30 Capstone C60 and 8 C65 MicroTurbines provide all power needs for the resort. In addition, thermal energy from the microturbines heat buildings and supply hot water through a combined heat and power (CHP) application "The ski resort is far from the utility grid, so connection to the grid would be very problematic and not economically viable. We selected Capstone microturbines as the power-generating equipment because of their high level of reliability, ease of operation and maintenance, and low operational costs."

**Jerry Todd, Project Manager & Design Engineer, Dominion Transmission** - 6/1/2009 Three C60 ICHP Capstone MicroTurbines were first installed in 2004 at a Dominion Transmission natural-gas compressor station in Pennsylvania as part of a combined heat and power system. Four years later, the three microturbines were upgraded to C65 ICHP units to provide 130kW of power – enough electricity and heat for all buildings on site. "The CHP with Capstone microturbines runs really well. The microturbines use less gas and produce more heat than the boilers. We're generating our own electricity and heat for the system. In essence, the heat for the hot water is free. With the microturbines, we've more than doubled our efficiency and don't use as much fuel."

**Fabio Dalla Villa, Chief Technology Officer, Cossato Spolina WWTP** - 5/12/2009 A biogas fueled Capstone CR200 MicroTurbine will supply the wastewater treatment plant, located in Cossato, Italy, with 1.7 million kWh of electrical power and 2.3 million kWh of thermal energy annually -- all while reducing the plant's greenhouse-gas emissions. "I discovered that turbine systems have much lower maintenance costs, and that they have much better performance in hot-water production. You must know that we need hot water in the waste treatment process. And, I must admit, I am very interested in new, original systems. Capstone was very convincing," Dalla Villa said. "I prepared the system for expansion. I plan to demonstrate with indisputable numbers that a second CR200 will be economically useful. In the meantime, I can already show the economic evidence of our investment so far. With the micro-cogeneration plant, we will save a lot of money with electricity self-production and the green certificates incentives."

**John Lehne, Building Manager, Ronald Reagan Presidential Library** - 5/8/2009 Commissioned in 2005, the CCHP installation consists of 16 Capstone C60 MicroTurbines that provide the library, located in Simi Valley, California, with 95 percent of its energy needs. "A lot of people didn't know about this type of system when we first installed it. We've now had the system three years and it gives us the efficiency we were looking for," Lehne said. "Exhaust gas from the running microturbines is collected and goes into the absorption chiller. The chiller has a closed water loop through it, which chills and gives us cold water for our air-conditioning system. Some of the turbines have a hot water loop on them, which gives us heat for our building as well. It provides power for the full campus and is clean burning. Overall we are pleased with the performance of the turbines, the efficiency of their electricity-generating capabilities and the hot water they provide to the facility."

**David Joiner, Pumps and Service, Farmington, New Mexico - 10/10/2007** Many thanks to all who helped on getting the Ramon Station up and running. I spoke to the customer and things are working very well. The Capstone MicroTurbines are providing the power for a booster station on an oil pipeline. The customer is currently running 11 Capstone microturbines with the rest in reserve. They are able to look at the location system from the other locations so they are very happy with the APS (Advanced Power Server). They have been filling the 30,000 Gallon Propane tank every 5 days. Because of running the microturbines, they hope to get it to the planned 10-14 day filling schedule saving them a bundle in propane and delivery charges.

**Pablo Escalante, End User and Authorized Service Provider - 7/20/2007** In qualification from 1 to 10, the qualification is 9: Clean and reliable energy, that has been accepted like a serious alternative for production of electrical energy at the Transredes facilities in Bolivia. This is what makes this technology a solid candidate to replace the traditional energy production with generators and establishes itself like a traditional product for the coming projects. We have a lot of inquiries from other petroleum companies about the installation of these products, which makes me believe that there is a strong interest in microturbines and in how they perform in the field and how do they affect productivity and the environment.

**Frank Vitone, HVAC Supervisor, LA Pierce College - 6/12/2007** In 2002, LA Pierce College added six 60kW Capstone MicroTurbines next to their existing Central Plant Building to facilitate energy savings, and dependable and clean power as the power needs of the campus increased. A second cogeneration system was also commissioned in the Men's Gym that provides heat to the outside swimming pool by using waste heat from four 30kW Capstone MicroTurbines. "Since that time, we have had a full service agreement with Capstone every year," Vitone said. "I have found this service to be extremely valuable in keeping up with advanced technologies, technical support and remedial and scheduled maintenance. The quick response and skilled technicians that Capstone has provided has made downtime almost a thing of the past. I look forward to working with the friendly staff at Capstone as Pierce College installs additional power generating system in the future", added Vitone.

**City of Greenfield - 5/11/2007** The City of Greenfield uses four 60kW stand alone MicroTurbines to maintain the complete water system for the city; from pumping out of the ground, to maintaining pressure and supply to their customers. Why are the microturbines used in stand alone? In the first two weeks of May alone, the local utility had 16 power outages - caused not only by some higher than normal winds, but also by two separate car accidents that required replacement of power poles to restore the electrical utility. The microturbines continually supplied water while the local electrical power was down. The city loves the microturbines and their reliability. They indicated to Capstone's Sr. Field Service Technician, Kurt Mills, that they are adding an additional 1.5 million gallon water storage tank and considering additional microturbines to maintain the supply and pressure at the new tank site.

**John Fox, Product Manager, UTC Power - 5/2/2007** John Fox of UTC Power, a United Technologies Corp. (NYSE:UTX) company, reports that UTC Power's fleet of combined cooling, heating and power systems utilizing Capstone MicroTurbines is performing at an MTBF above 10,000 hours. "We are pleased with the quality and reliability of our PureComfort(R) systems in the field," Fox said. "We're gaining a lot of experience in diverse locations and this milestone demonstrates the soundness of the technology." Mr. Fox was quoted in Capstone's press release entitled "Capstone MicroTurbine Fleet Surpasses 15 Million Operating Hours", dated May 2, 2007.

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