

### CAPSTONE

Capstone Turbine Corp.  
21211 Nordhoff Street  
Chatsworth, California 91311, U.S.A.

**Tel:** 818-734-5300 or 866-422-7786  
**E-mail:** [jcrouse@capstoneturbine.com](mailto:jcrouse@capstoneturbine.com)  
**Website:** [www.capstoneturbine.com](http://www.capstoneturbine.com)

#### Gas Turbine Power Range

Electric Drive: 0 to 0.2 MW

#### New Products

Bigger seems to be the theme at Capstone Turbine this year, a company known for its low-emission 30 and 65 kW turbines. Bigger turbines that generate more power and larger contracts in key industries are among the news from the company.

At PowerGen International last December, Capstone launched its much-anticipated C200 single-unit, air-bearing turbine. Five of the 200 kW turbines can be bundled in a single package to create Capstone's C1000 (see *D&GTW*, April 2008). This system can be multi-packed to produce up to 10 MW of reliable electricity. Low-emission solutions are also available in the 600 and 800 kW ranges. Already, the company reports more than 65 orders for the C200 from around the world.

In addition to launching the C200, Capstone quietly continued work on its UPSource – Secure Power product, a 100% uptime IT power system that operates without the need for batteries typically part of a UPS system. Capstone's system offers eight 9's of reliability for N + 1 configurations — all with less maintenance, less cost and greater safety than traditional battery-based UPS systems. Instead of an air-conditioned room with rows of batteries on raised floors periodically used to provide emergency backup, Secure Power uses several highly reliable, natural gas



Capstone's C200 package.

or diesel-fueled 30 to 65 kW turbines that provide continuous power independent of the electric utility.

Earlier this year, Capstone released configurations of the C65 turbine that meet extremely low global emission requirements, including California's stringent waste-gas emissions standard. The C65 landfill and digester resource recovery products produce energy using gas from these applications, which avoids the need for nonrenewable resources such as coal, oil or natural gas to produce the same amount of energy.

The California-based company continues to receive orders from around the world, including a recent US\$2.6 million second order for C200s from its distributor in Switzerland. The C200s will be installed in biogas sites in Europe.

Bus manufacturer DesignLine International recently placed a US\$5 million order for C30s to be deployed in DesignLine's ECOSaver IV hybrid electric buses. This is the largest order to date for Capstone products in a hybrid electric vehicle (HEV) application.

*For more information, refer to page 405 of the 2008 Diesel & Gas Turbine Publications Global Sourcing Guide.*

**SEE DIRECTLINK @**

**[WWW.DIESELGASTURBINE.COM](http://WWW.DIESELGASTURBINE.COM)**