

FOR IMMEDIATE RELEASE  
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**Dresser Waukesha Introduces New Combined Heat and Power Package  
for APG1000 Generator Sets**  
*New Package Delivers Up to 89.4% Total Efficiency*

WAUKESHA, Wis. -- Dresser Waukesha, a leading manufacturer of natural gas engines that deliver clean, cost-effective power, has introduced a new combined heat and power (CHP) package for its APG1000 generator set designed to maximize total efficiency in CHP applications.

The new CHP package for the 1MW APG1000 is expected to achieve up to 89.4% total efficiency (thermal plus electrical) in combined heat and power applications. In addition to generating electricity, CHP applications increase total system efficiency by utilizing engine heat for various purposes such as heating a building or industrial processes. This effectively doubles the amount of usable energy created by the engine.

Dresser Waukesha's experienced technical staff utilized state-of-the-art technology to develop a highly refined CHP package that maximizes total efficiency while minimizing packaging time and cost. The new APG1000 CHP package utilizes an optimized piping arrangement, plus these additions to the traditional Waukesha scope of supply:

- A skid-mounted cooling sub-system that optimizes the amount of recoverable engine heat and maximizes total efficiency by providing a single customer circuit inlet with a temperature of up to 80°C (176°F).
- The new ECP8000 control panel which is optimized for CHP applications. The ECP8000 is user-friendly, factory-supplied and designed to monitor, control and protect the APG1000 CHP package. The panel can be field-programmed to control customer-supplied components of the CHP system, such as pumps, ventilation fans and control valves.
- A skid-mounted gas train with valve-proving system, Dungs® regulator and double blocking valve simplifies packaging and complies with common European and American packaging codes.

“With the APG1000 configured for CHP, Dresser Waukesha has a finely-tuned design that achieves world-class efficiency levels and yet remains flexible enough to meet end-users’ varying requirements for water temperature levels and flow rates,” said Ben Ross, Product Engineering Manager, Dresser Waukesha.

The new CHP package for the APG1000 is now available. To learn more, visit [http://www.dresserwaukesha.com/index.cfm/go/product-detail/product/APG1000\\_CHP/](http://www.dresserwaukesha.com/index.cfm/go/product-detail/product/APG1000_CHP/)

More ...

### **About Dresser Waukesha**

Dresser Waukesha is a leading manufacturer of natural gas engines that deliver clean, cost-effective power. Waukesha® engines are operating around the world in power generation, gas compression and other mechanical drive applications. Dresser Waukesha, based in Waukesha, Wisconsin, USA also packages engine-generator sets and DC switchgear controls for the distributed generation market.

[www.dresser.com/waukesha](http://www.dresser.com/waukesha)

### **About Dresser Inc.**

Dresser Inc. is a global leader in providing highly-engineered infrastructure products for the global energy industry. Leading brand names within the Dresser portfolio include Dresser Wayne® retail fueling systems, Waukesha® natural gas-fired engines, Masoneilan® control valves, Consolidated® pressure relief valves, and ROOTS® blowers and compressors. The company has manufacturing and customer service facilities strategically located worldwide and a sales presence in more than 150 countries.

[www.dresser.com](http://www.dresser.com)

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