

September 16, 2014

## **Dresser-Rand Hosts Technology Day to Demonstrate New Waste Heat Recovery System**

### **New Multi-MW EPS100 waste heat recovery unit uses supercritical CO<sub>2</sub> working fluid to convert waste heat into power**

**HOUSTON, September 16, 2014**-Dresser-Rand, a global supplier of environmentally friendly technology platforms in distributed power generation for the oil and gas, industrial, institutional, and commercial industries, welcomed more than 50 clients, industry experts and other guests to Olean, N.Y. for "Echogen Technology Day" to introduce its new Multi-MW EPS100 waste heat recovery unit.

Held on September 10-11 and coinciding with the successful system shop testing qualification, the event took attendees on tours of Dresser-Rand's Olean manufacturing and testing facility and demonstrations of the new Multi-MW EPS100 waste heat recovery unit.

Echogen Power Systems is an innovative waste heat-to-energy solution provider that uses a supercritical CO<sub>2</sub> working fluid to convert waste heat into power more efficiently than existing organic Rankine cycle (ORC) technologies, without using additional fuel and without creating new emissions. This system represents the first commercial introduction of a CO<sub>2</sub> based industrial scale waste heat to power system.

Since the technology recaptures heat that was previously released into the atmosphere, the cost per unit of electricity decreases. The compact, packaged power system, with up to 50 MW capabilities, reduces overall cost of ownership with lower transportation and installation costs. The cycle can operate water-free-a critical need for many regions worldwide.

An Echogen® waste heat recovery system drives value for a client through its unique combination of a lower cost per unit of electricity produced, compact footprint, higher energy recovery from the waste heat stream, and ability to generate power from a wider range of heat sources than competing technologies available in the marketplace today.

During the event, Dresser-Rand and Echogen representatives demonstrated a factory testing milestone of the highest net power produced by any supercritical CO<sub>2</sub> power cycle system globally. Other highlights included presentations on the technical aspects of the Multi-MW EPS100 waste recovery system and several market applications.

"With the Echogen technology now ready for full market release, we are accelerating discussions with potential clients for deployment of the solution in the field," said Pierre Dumas, VP Strategic Business Development and Commercialization for Dresser-Rand. "We can provide full turn-key installation and commissioning services as well as routine operations, monitoring and maintenance contracts to ensure ongoing reliable and available operations."

To learn more about Dresser-Rand and its Echogen technology visit [www.dresser-rand.com](http://www.dresser-rand.com).

#### **About Dresser-Rand**

Dresser-Rand is among the largest suppliers of rotating equipment solutions worldwide. The company offers some of the most efficient and, environmentally friendly technology platforms, products and services in distributed power generation for oil and gas, industrial, institutional, and commercial clients and rural electrification programs.

Dresser-Rand solutions include: combined heat and power (CHP) systems, biogas-fueled gen-sets, hybrid systems (solar photovoltaic and engine-based gen-sets), biomass and waste-to-energy steam turbine generators, compressed air energy storage (CAES), and more. Dresser-Rand also develops new technologies that use fossil fuels and renewable energy resources more efficiently, such as its wave energy-based HydroAir™ turbine.

The Company operates manufacturing facilities in the United States, France, United Kingdom, Spain, Germany, Norway, Brazil and India and maintains a network of 49 service and support centers (including 6 engineering and R&D centers) covering more than 150 countries. Dresser-Rand has principal offices in Paris, France, and Houston, Texas.

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