



## **Echogen Power Systems' Waste Heat Recovery System Available as Turnkey Solution**

**ORLANDO, FL December 9th, 2014** – Echogen Power Systems, [www.echogen.com](http://www.echogen.com), a world leader in advanced power generation technology for waste heat recovery, today announces the commercial availability of its EPS100 heat engine system as a turnkey solution that satisfies energy demand, environmental requirements and bottom line cost savings for industrial, power generation, oil & gas, and marine customers. Echogen Power Systems will be at their partner Dresser-Rand's booth #2615 at the Power-Gen International 2014 show, the world's largest exhibition designed to connect key suppliers and service providers with industry decision makers, from December 9<sup>th</sup> to 11<sup>th</sup> at the Orange County Convention Center/West Halls in Orlando, Florida.

“By being the first to bring a commercial supercritical CO<sub>2</sub> power cycle to the market, we have developed a heat engine that can outperform steam across our customers' key value drivers - installed cost, operating and maintenance costs, and levelized cost of electricity, all in a compact, energy dense, safe solution that does not require water to operate. We intend to introduce our product with a core group of key early adopters/partners with whom we intend to build long term relationships and who represent a variety of applications including oil & gas, chemical processing, iron, steel, and glass. Each of these industries experience tremendous energy losses in the form of waste heat – it is essentially the same thing as burning money. We're here to help them do better.” says Phil Brennan, CEO, Echogen Power Systems. “And in the near term we are especially keen to explore opportunities to work with clients interested in pairing the unit to a gas turbine to realize the power of a sCO<sub>2</sub> combined cycle gas turbine (CCGT), which we believe is the future of distributed and utility-scale gas generation.”

“As the United States and the rest of the world experiences a shift in favor of natural gas based power production and away from coal, the advantages of a sCO<sub>2</sub> based system are amplified relative to centuries old steam technologies. This allows power production to be increased without the use of water,” says Dr. Timothy Held, Chief Technology Officer, Echogen Power Systems. “It allows us to produce more power at lower cost, using less space, and without the environmental complexities and maintenance challenges associated with a water based system.”

Dresser-Rand (NYSE: DRC), a supplier of technology platforms in distributed power generation for the oil and gas, industrial and commercial industries, introduced [Echogen's new 8 MW EPS100](#) waste heat recovery unit at its manufacturing and testing facility in Olean, New York this fall. During the event, Dresser-Rand, a licensee of the technology for the oil & gas industry, 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.

“With the Echogen technology ready for full market release, we are in discussions with potential clients for deployment of the solution in the field,” says Pierre Dumas, Vice President, Strategic Business Development and Commercialization for Dresser-Rand. “We can provide full turnkey installation and commissioning services as well as routine operations, monitoring and maintenance contracts to ensure ongoing reliable and available operations.”

**About Echogen Power Systems:** Echogen Power Systems is a leading producer of scalable sCO<sub>2</sub> based heat-to-power systems that deliver sustainable and cost-efficient returns on energy invested. For additional information, visit [www.echogen.com](http://www.echogen.com).



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