

Press Release

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MTU Onsite Energy features compact combined heat and power (CHP) solution at Renewable Energy World Conference & Expo 2013

Series 400 CHP system offers low-emission and cost-effective power generation for a wide range of applications

Mankato, Minn., Nov. 12, 2013 -- MTU Onsite Energy, a leading producer of diesel- and gas-fueled power generation systems, will present a scale model of its Series 400 continuous power cogeneration system in booth #1054 at the Renewable Energy World Conference and Expo. The event, which brings together the industry's leading producers and users of renewable energy solutions, is co-located with POWER-GEN International and takes place in Orlando, Fla., Nov. 12-14.

Cogeneration, also known as combined heat and power (CHP), refers to an integrated energy system that extracts multiple forms of usable energy from a single fuel source to produce electricity and heat simultaneously. Designed to increase efficiency and decrease emissions, the compact Series 400 CHP system produces 128 to 358 kWe and generates combined electricity and heat from natural gas, biogas, landfill gas or sewage gas. It can be used for a large number of applications, such as farming operations, municipal buildings, hospitals, university campuses and manufacturing facilities.



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Proven as a reliable and cost-effective solution for businesses seeking to control costs for heating, lighting and cooling, MTU Onsite Energy's CHP systems deliver considerable benefits compared to purchased electricity, including:

- Lower life cycle costs and emissions
- 90 percent total efficiency
- Reliable standby power in case of a utility outage
- Reduction of CO₂ emissions by up to 50%

The electric power from an onsite CHP can be used to power some or all of the electricity needed by a facility, while high- and lower-quality heat can be captured for a range of applications, including swimming pool heating, domestic hot water supplies and process heat.

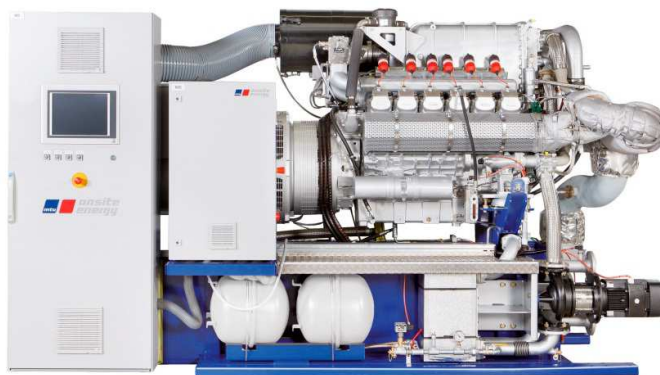
MTU Onsite Energy's CHP systems play an important role in helping the world meet energy demands, while also reducing the environmental impact of power generation. The company's CHP systems have been successful in Europe and Asia for more than 35 years, making their introduction to the U.S. market in 2012 long awaited. The Series 400 is complemented in the MTU Onsite Energy product lineup by the company's larger CHP system model, the Series 4000, which produces 763 to 2,129 kWe and is fueled by natural gas or biogas.

For more information on the Renewable Energy World Conference & Expo, visit www.renewableenergyworld-events.com. For more information on MTU Onsite Energy's CHP solutions, visit cogen.mtuonsiteenergy.com.



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The Series 400 CHP system produces 128 to 358 kW_e and generates combined electricity and heat from natural gas, biogas, landfill gas or sewage gas.

⇒ **Press photos can be downloaded from the Tognum website under www.tognum.com/press/press-pictures/**

About MTU Onsite Energy

MTU Onsite Energy is a leading producer of diesel- and gas-powered generator sets for standby, prime power and cogeneration applications. The company also provides automatic transfer switches, paralleling switchgear, controls and accessories for complete power system solutions. MTU Onsite Energy is a subsidiary of Tognum America Inc., part of the Germany-based Tognum Group.

www.mtuonsiteenergy.com

About Tognum America

Tognum America is a Tognum Group company and is responsible for the manufacture, sales and support of MTU and MTU Onsite Energy branded products in North and Latin America.

With its two business units, Engines and Onsite Energy, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of distributed power generation systems. These products are based on diesel engines with up to 10,000 kilowatts (kW) power output, gas engines up to 2,150 kW and gas turbines up to 45,000 kW.

The product portfolio of the Engines business unit comprises MTU engines and propulsion systems for ships, for heavy land, rail and defense vehicles and for the oil and gas industry. The Onsite



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Energy business unit supplies distributed power generation systems carrying the MTU Onsite Energy brand. These comprise diesel engines for emergency power, prime power and continuous power, as well as cogeneration power plants based on gas engines and gas turbines that generate both power and heat. Tognum's product portfolio also features fuel-injection systems built by L'Orange.

In 2012, Tognum generated revenue of approximately €3.015 billion and employs more than 10,000 people. Tognum has a global manufacturing, distribution and service structure with 24 fully consolidated companies, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. Since mid-March 2013, Tognum AG has been a wholly-owned subsidiary of Rolls-Royce Power Systems Holding GmbH, a joint venture of Daimler AG and Rolls-Royce Group plc. www.tognum.com