

NEWS RELEASE

FOR IMMEDIATE RELEASE



December 1, 2009

Contact:

Jennifer Riley

Phone: 313-592-8103

E-mail: jennifer.riley@mtu-online.com

Agency Contact:

Robert E. Sheldon, APR

Creative Communications

Consultants, Inc. 210-828-1880

rsheldon@cccinc.com

3,250 kW diesel generator set from MTU Onsite Energy features enhanced response to transient loads

Advanced engine controls and increased cylinder displacement give the MTU Onsite Energy 3,250 kW generator set the ability to accept full rated load in one step and respond faster to varying loads.

Mankato, Minn. – The 3,250 kW diesel generator set from [MTU Onsite Energy](#) has been designed to respond to transient loads and quickly recover from voltage and frequency dips commonly associated with cycling loads and motor starting. In standby power applications, the model 3250-SC6DT2 generator set's reserve power capabilities also permit it to accept its full rated load in a single step in accordance with NFPA 110.

-more-



Page 2 – MTU Onsite Energy 3,250 kW generator set

“As one of the largest high-speed diesel generator sets in the industry, the MTU Onsite Energy 3,250 kW generator set is especially useful in industrial or commercial standby power applications that have large electric motor loads or large nonlinear loads such as UPS systems,” says Al Prosser, director of sales and application engineering for MTU Onsite Energy. “Whether used as a single generator set or as part of a larger, paralleled system, this generator set is ideal for many standby applications, but especially for large data centers, water treatment facilities or industrial facilities with variable loads.”

The generator set features the MTU 20-cylinder Series 4000 G83L diesel engine that has been EPA Tier 2 certified through the use of only internal engine design improvements. By achieving Tier 2 emissions levels for NOx and particulates without the use of exhaust aftertreatments, the Series 4000 engine delivers exceptional fuel-efficiency along with increased power.

The keys to the superior load acceptance and transient response are the engine’s Advanced Diesel Engine Control (ADEC) system and additional cylinder displacement per kW of output. “The ADEC not only helps the engine respond quickly to changing loads,” says Neil Majeski, engineering project manager for MTU Onsite Energy, “but it maintains the combustion at peak efficiency for low emissions, low fuel consumption and high power output.” The MTU Series 4000 engine is designed with approximately 20 percent more cubic inches of cylinder displacement than comparable generator drive engines. This increased displacement results in more reserved horsepower and torque when they are needed, while still delivering excellent fuel economy, he says.

The engine and generator are both prototype and factory tested to make sure that they meet rated output and performance criteria. For transient response, the generator set is factory-tested to ISO 8528-5 at an industry-leading 85 percent load factor to make sure it can accept

-more-



Page 3 – MTU Onsite Energy 3,250 kW generator set

full load in one step and respond quickly to varying loads. The unit also features a permanent magnet generator with 300 percent short circuit capability and 130 degrees C temperature rise.

About MTU Onsite Energy Corporation

MTU Onsite Energy Corp. (formerly Katolight Corporation) is a leading producer of diesel-powered generator sets from 30 kW to 3,250 kW and natural gas-powered generator sets from 20 kW to 400 kW for standby, prime power and cogeneration applications. The company also provides automatic transfer switches, paralleling switchgear, controls and accessories for complete power system solutions. Based in Mankato, Minnesota, MTU Onsite Energy Corp. combines the expertise of Katolight and MTU Detroit Diesel Power Generation under one brand to meet the ever-increasing distributed power needs of customers in North America and around the world. MTU Onsite Energy Corp. is part of the Tognum Group's business unit, Onsite Energy and Components. For more information, visit www.mtu-online.com

About Tognum

With its two business units, Engines and Onsite Energy & Components, the Tognum Group is one of the world's leading suppliers of engines, propulsion systems and distributed energy systems. These products are based on diesel engines with up to 9,100 kilowatts (kW) power output, gas engines up to 2,150 kW, fuel cells up to 360 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 portfolio of the Onsite Energy & Components business unit includes distributed energy systems of the brand MTU Onsite Energy and fuel-injection systems from L'Orange. The energy systems comprise diesel engines for emergency standby power, prime power and continuous power, as well as cogeneration power plants based on gas engines, fuel cells and gas turbines that generate both power and heat.

In 2008, Tognum generated revenue of more than €3.1 billion and currently employs more than 8,900 people. Tognum has a global distribution and service structure with 24 fully consolidated subsidiaries, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. The shares of Tognum AG (ISIN: DE000A0N4P43) have been stock-exchange listed since 2007 and are included in the MDAX.

-more-



Page 4 – MTU Onsite Energy 3,250 kW generator set



The 3,250 kW diesel generator set from MTU Onsite Energy features enhanced response to transient loads.

(MTU-8130)

###