

NEWS RELEASE

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February 3, 2011

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3,250 kW generator set from MTU Onsite Energy is largest to receive IBC certification, OSHPD pre-approval

Nearly the complete line of generator sets from MTU Onsite Energy is now approved for use in all seismically active zones in North America and all healthcare applications in California.

MANKATO, Minnesota – Weighing in at over 60,000 pounds, MTU Onsite Energy's 3,250 kW generator set is the largest unit ever to undergo successful shake-table testing for International Building Code (IBC) seismic certification. The certifying test, which subjects a running generator set to random seismic accelerations in three axes to simulate an earthquake, was performed by VMC Group of Bloomington, NJ. The [MTU Onsite Energy](#) 3,250 kW generator set operated normally during and after the seismic test and is now certified to the IBC's seismic standards.

MTU Onsite Energy's 3,250 kW unit is also the largest generator set to be pre-approved by the [Office of Statewide Health Planning and Development \(OSHPD\)](#) for use in California healthcare facilities. Currently, all MTU Onsite Energy diesel generator sets from 30 kW to 3,250 kW have been OSHPD pre-approved for California healthcare application use. In addition, all generator sets from 30 kW to 3,250 kW have achieved IBC seismic certification

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(with the exception of new Series 1600 units from 230 kW to 400 kW that will undergo testing in the near future).

“Achieving these milestones means that emergency standby generator sets from MTU Onsite Energy are now certified for use in healthcare applications in California and in all critical facilities in areas of North America subject to seismic activity,” says Dwight Wells, regional sales manager, MTU Onsite Energy. “IBC certification is required by code for emergency power systems in mission-critical applications in earthquake-prone areas. The goal of IBC certification is to verify that a standby generator set will continue to provide emergency power even after a major seismic event.”

Generator sets can be [IBC](#) certified by either shake-table testing or through more passive engineering analysis. “While shake-table testing for a generator set as large as the 3,250 kW is difficult due to limited suitable testing facilities, we felt that it was a better demonstration of the unit’s ruggedness and ability to withstand seismic forces,” says Wells.

The IBC is a comprehensive set of building standards that was adopted by the International Code Council (ICC) in 2000. The IBC harmonizes the many national, state and local codes that govern the design of structures and their components in an effort to make compliance more uniform. Currently, all 50 states and the District of Columbia have adopted various versions of the IBC as their de facto building code.

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At 60,000 pounds, MTU Onsite Energy’s 3,250 kW generator set is the largest unit ever to undergo successful shake-table testing for International Building Code (IBC) seismic certification. The table simulates violent seismic motion while the generator set is operating.

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MTU Onsite Energy Corporation

MTU Onsite Energy Corp. (formerly Katolight Corporation) is a leading producer of diesel-powered generator sets from 30 to 3,250 kW and natural gas-powered generator sets from 20 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

Tognum

With its two business units, Engines and Onsite Energy & Components, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of 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 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 and gas turbines that generate both power and heat.

In 2009, Tognum generated revenue of €2.5 billion and employs more than 8,700 people. Tognum has a global manufacturing, distribution and service structure with 27 fully consolidated companies, 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.

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