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TMEIC Announces High-Power Test Systems

Test Systems now sized for automotive, aerospace, Power Gen and Oil & Gas industries

Roanoke, Va. (September 12, 2012) – TMEIC, a leading world industrial drives manufacturer and systems integrator, has launched a line of high-power test systems designed to meet a wide variety of industrial applications, including automotive, aerospace, power generation and oil & gas.

The new line uses TMEIC's variable frequency drives to supply variable frequencies and current to a large electric motor used for equipment testing. These drives' rapid response to changing torque requirements and/or accurate control of motor speed create the ideal power source for advanced test systems.

All TMEIC test systems are configured to meet the needs of multiple industries, some examples include:

- Drive and Motor Test Stand: special back-to-back system tests electric motors up to 33,000 hp.
- Gas Compressor Test Stand: uses a 26,800 hp motor and drive to test large capacity centrifugal compressors.
- Turbine Generator Test Stand: tests 1,000 MW utility generators with a stand driven by a test motor of 12 MW and a variable frequency drive of 20 MVA.
- Wind Turbine Gearbox Test Stand: uses two 3,000 hp motors and drives in a circulating power loop to apply torque to a wind turbine gearbox under the range of operating speeds.
- Ship Propulsion Motor Test: a 2,500 kW propulsion motor and loading motor are connected back-to-back, using the second motor as a load generator to simulate propeller drag load, or operate in tandem as a single 5,000 kW loading machine.
- Diesel Engine Test Stand: 850 hp motor for power, dynamic response and emissions testing.
- Locomotive Diesel/Alternator Tests: regenerative 4,400 kW drives for power recovery load testing.

All TMEIC test systems are built using the most advanced variable speed drive equipment available, based on more than 20 years of proven experience. For more information on high power test systems for compressors, motors, gearboxes and generators, visit www.tmeic.com

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About Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC)

Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC) was formed in 2003 from the merger of the industrial systems departments of Toshiba Corporation and Mitsubishi

Electric Corporation. TMEIC manufactures and sells variable frequency drives, motors, and advanced automation systems for a range of industrial applications. We drive industry.

The North American operation –

TMEIC Corporation, headquartered in Roanoke, VA, designs, develops and engineers advanced automation, large AC machines and variable frequency drive systems. TMEIC Corporation specializes in Metals, Material Handling, Oil & Gas, Mining, Testing and other industrial markets worldwide. We drive industry. www.tmeic.com