

TMEIC to Supply New 1500V Solar Ware® Samurai Inverters for 30MW U.S. Project

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ROANOKE, Va., April 25, 2016 /PRNewswire/ -- Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC) announces its first order of the newest inverters in the Solar Ware® Samurai Series from juwi Inc. juwi's Bison Solar 30MW project in Wellington, Colorado includes 12 units of the Samurai Series 1500Vdc, 2700kW / 2700kVA inverters. The 225-acre site located in Northern Colorado will provide energy equivalent to the average annual use of approximately 7,800 homes. Commissioning is planned for the third quarter of 2016.

"We are excited about the opportunity to supply our newest Samurai Series PV inverters for juwi's Bison Solar project in Colorado," Donn Samsa, TMEIC general manager renewable energy, said.

TMEIC's new 1500V inverter is the latest addition to its portfolio of PV utility scale solar inverters for industrial markets. Built on decades of engineering experience in power electronics, Solar Ware(R) inverters offer the industry's most advanced grid management in an efficient, compact footprint. The new 1500V Solar Ware(R) inverter builds upon the Samurai Series patented multilevel inverter technology, offering maximized and optimized efficiency, with a wide MPPT range.

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juwi has selected TMEIC inverters in its design of several solar projects in 2015. The Bison Solar project will be their first order for TMEIC's 1500V inverter.

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The new Solar Ware Samurai 1500V inverter offers:

Maximum efficiency 98.8%

Advanced hybrid cooling with the same physical size as the TMEIC1000V inverters

Operation at 1500V DC system voltage

Reduced cable mass to minimize cost and enhance flexible plant design

Reduced combiner box and number of inverters

Fewer cables needed between combiner box and inverter

For more information, contact: Donn.Samsa@tmeic.com

About Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC)

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

The North American operation

TMEIC Corporation, headquartered in Roanoke, VA, designs, develops and engineers advanced automation, large AC and DC motors, photovoltaic inverters and variable frequency drive systems. TMEIC Corporation specializes in the Renewable Energy, Metals, Material Handling, Oil & Gas, Solar Power, Mining, Testing and other industrial markets worldwide. We drive industry. www.tmeic.com

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