



News Release

For Release: Immediately

Contact: Lou Lambruschi, Marketing Communications
Phone 704 588-3246
info.us.egt@parker.com

Parker Hannifin Provides Power Conversion System for EnerDel Grid Energy Storage System at Sochi, Russia, Winter Olympic Games

CHARLOTTE, North Carolina – (February 4, 2014) –

The Energy Grid Tie Division of Parker Hannifin announced two international installations of power conversion systems to be used in grid tied energy storage systems. Electrical energy storage is emerging as a sustainable way to avoid power outages and bring greater efficiency to electrical grids around the world. Parker has developed a power conversion system (PCS) that connects energy storage elements, typically large banks of batteries, to the grid to efficiently manage fluctuations in demand. The company, through its Energy Grid Tie Division, participated with EnerDel on its two projects in Russia.

One PCS will be part of a 1.5 megawatt, 2.5 megawatt-hour installation, supplying back-up power for the substations that support the 2014 Olympic Winter Games in Sochi, Russia. EnerDel's system has been built, delivered, and commissioned well in advance of the start of the games, with the opening ceremonies slated for February 7, 2014. The system includes Parker's innovative precision cooling system. The company's patented cooling technology increases the throughput of high-power electronics by up to 40 percent, presenting the most efficient and compact solution available across a wide range of energy applications. Parker also provided related equipment such as outdoor battery enclosures, complete with climate control, fire suppression and monitoring systems. In addition to the Sochi energy storage system, Parker has also built, delivered, and commissioned an identical 1.5 megawatt PCS for EnerDel's 2.5 megawatt-hour energy storage project in the city of St. Petersburg, Russia.

As the primary microgrid market segments continue strong growth in deployment and technology, Parker and EnerDel will continue to leverage their pooled integration experience to provide these systems worldwide. Parker's expertise in power electronics, combined with EnerDel's Gen III 600VDC and 1200VDC modules, ensures Tier 1 system performance, product quality, and post-sale support.

About Parker Hannifin

With annual sales of \$13 billion in fiscal year 2013, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of mobile, industrial and aerospace markets. The company employs approximately 58,000 people in 49 countries around the world. Parker has increased its annual dividends paid to shareholders for 57 consecutive fiscal years, among the top five longest-running dividend-increase records in the S&P 500 index. For more information, visit the company's website at www.parker.com or its investor information website at www.phstock.com.

About EnerDel, Inc.

EnerDel, Inc. is a privately-held company headquartered in Indianapolis. It manufactures advanced, lithium-ion batteries and energy storage systems for electric grid, transportation and industrial applications. The company's prismatic cell design and modular stacking architecture combine to provide customers with production-ready solutions that address their power and energy storage needs. EnerDel offers its customers the opportunity to receive a guaranteed residual value (GRV) on new energy storage or battery systems of up to 25 percent, which can be used toward the purchase of new or replacement systems. For additional information, visit www.EnerDel.com.