



## PRESS RELEASE

### **New GE Digital Energy Automatic Transfer Switch Improves Efficiency, Lowers Cost, and Increases Effectiveness of Emergency Power System Testing**

*Zenith ZTE Series 40-4000 Amp ATS modular control platform adapts to changing facility needs*

**Lombard, Illinois** – January 15, 2009 – GE Digital Energy introduces the Zenith ZTE Series 40-4000 Amp Automatic Transfer Switch (ATS) system that goes beyond source switching with features and capabilities to help assess the quality of power delivered to loads, improve the efficiency of periodic testing, and lower facility integration costs. The Zenith ZTE Series ATS offers facility managers the ability to prevent problems that could damage equipment or cause unnecessary outages to critical loads.

Expanded diagnostics, built-in test and outage reporting, power quality metering, and high-speed alarm capture capability have all been added into the ZTE Series to help improve efficiency, lower costs, and increase the effectiveness of legally required facility emergency power system testing. In addition, built-in serial and Ethernet networking, user-configurable alarms, and unsurpassed flexibility lower facility integration costs.

The Zenith ZTE Series ATS quickens response time to events and lowers facility integration costs by utilizing integrated connectivity and alarm management. On-board data logging and high-speed waveform capture capability provides facility managers with a fast diagnosis of power anomalies. Data log and waveform files may be viewed and saved using free MX350 Setup software that easily connects through a front display USB port.

“Facility managers told us they needed an ATS that would help simplify the process of period testing, lower their costs, and make testing more effective,” said Steve Smith, General Manager – Power Quality, GE Digital Energy. “GE’s Zenith ZTE Series ATS includes powerful features and capabilities that help save facility managers time and money.”

The Zenith ZTE Series ATS also includes entirely new features such as Auto Load Shed, which permits the ATS to signal for the disconnection of downstream lower-priority loads in the event of a generator overload. The built-in power quality metering includes the capability of measuring current and voltage harmonics/THD, a critical factor in facilities utilizing Uninterruptible Power Supplies (UPS). In addition, the ZTE may be custom programmed using GE’s FlexLogic™ - a system of programmable logical elements (AND’S, OR’S, Timers, etc) that in many cases can eliminate the need for an additional external Programmable Logic Controller (PLC). System-wide diagnostics are also addressed via the ability to time synchronize multiple ZTE transfer switches on an Ethernet network to a site building automation PC or satellite-based time server. The power and flexibility of the new ZTE make it a perfect choice for critical source switching.

For more information about the Zenith ZTE Series 40-4000 Amp ATS, visit:  
[www.gedigitalenergy.com/zte](http://www.gedigitalenergy.com/zte)

**About GE Digital Energy:**

GE Digital Energy, a division of GE Enterprise Solutions, is a global leader in protection and control, communications, power sensing and power quality solutions. Its products and services increase the reliability of electrical power networks and critical equipment for utility, industrial and large commercial customers. From protecting and optimizing assets such as generators, transmission lines and motors, to ensuring secure wireless data transmission and providing uninterruptible power, GE Digital Energy delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com>.

**About GE Enterprise Solutions:**

GE Enterprise Solutions elevates customers' productivity and profitability with integrated solutions using sensors and non-destructive testing; security and life safety technologies; power system protection and control; and plant automation and embedded computing systems. Enterprise Solutions' high-tech, high-growth businesses include Sensing & Inspection Technologies, Security, Digital Energy, and GE Fanuc Intelligent Platforms. The business has 17,000 problem-solving employees in more than 60 countries around the world.

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**Media Contact**

Donna Mirandola  
Communications Manager  
GE Digital Energy  
1-905-201-2407  
[donna.mirandola@ge.com](mailto:donna.mirandola@ge.com)