Powering Business Worldwide

Media Brief

The Latest Eaton Thought Leadership White Paper Offers Lesson in Power Monitoring

August 10, 2009 … Eaton today announced the release of its July thought leadership white paper titled “Power Monitoring 101.” Each month, Eaton power experts deliver content to address issues that are top-of-mind for customers and industry partners in today’s Information Technology (IT) environments. This paper shares supervisory, connectivity and monitoring options that add an umbrella of power protection over the entire IT infrastructure

Power now represents the single largest component of operating cost yet, rarely is energy as closely managed as it should be. The servers that once could be powered for less than $5,000 a year are now consuming $28,000 or more in energy per year. Many data center managers are unaware of the efficiency of their IT equipment or the site infrastructure, and are sometimes ignorant of the clear path for maintaining and improving that efficiency. The good news is that there are many readily available opportunities to substantially reduce energy costs and become “greener” in the process.

With a real-time, unified view of power and facilities systems, organizations can proactively manage power quality to enhance the availability and service life of IT equipment. Eaton’s thought leaders Jim Tessier and Ed Spears, product managers, Eaton’s Electrical Power Quality Division, share how organizations can dynamically provision servers to respond to changing energy conditions, intelligently balance workloads to optimize energy usage and control costs, and improve data center energy efficiency and power usage effectiveness (PUE).

“Data center managers have a lot to keep them awake at night, spiraling power demands and utility rates, power sags, surges and outages and heat-generating blade servers,” said Tessier. “With the right power monitoring system, organizations can protect data and applications while optimizing the power delivery infrastructure to improve efficiency and lower costs.”

Monitoring options are available for organizations of any size. Organizations can remotely monitor and manage a single uninterruptible power system (UPS), an enterprise-wide network of many UPSs and power distribution devices, or a complete IT support infrastructure, including

generators, environmental systems and detection devices, and other components from multiple vendors. Read the white paper to learn how new supervisory, connectivity and protection capabilities provide an envelope of protection for the entire power infrastructure.

To download the new white paper, please visit www.eaton.com/pq/whitepapers. To learn about Eaton's line of power quality products and services, visit Eaton's Web site at www.eaton.com/powerquality.