



Tantulus Technology to Power Johnson City's Smart Grid

****FOR IMMEDIATE RELEASE (2/3/10)****

Vancouver, BC – January 28, 2010 – Tantulus Systems Corp. announces that Johnson City Power Board (JCPB) has selected Tantulus for a system-wide Smart Grid communications network.

The JCPB provides electricity and related services to over 74,000 metered locations in Washington County, along with portions of Sullivan, Greene, and Carter counties in Tennessee, making it the tenth largest public utility within the Tennessee Valley Authority (TVA) system. Tantulus will provide the JCPB with a full-scale, two-way smart metering solution that supports interval and on-demand reads, remote connect/disconnect services, instant outage/restoration alerts, and over-the-air firmware upgrades.

The JCPB selected the Tantulus platform because it is a flexible communication network that can evolve as the utility's needs expand. Rapid and reliable communication between the utility and every home and business endpoint will enable JCPB to offer variable rate pricing options in compliance with the TVA's proposed requirements for Time-of-Use (TOU) billing and load control applications. The Tantulus system is designed to support a full range of Demand Response (DR) functionality, from tiered pricing to load shedding to in-home signaling. This enables a utility to offer customers freedom of choice over when, how and to what degree they want to be involved in energy efficiency. Data provided by the Tantulus system can be also used to determine the success of DR initiatives.

Deployment of the TUNet network is scheduled to begin in spring 2010 with completion planned for late 2011. JCPB is simultaneously deploying a fiber-optic ring to connect the utility's operations center and its 30 substations, which will also be able to provide economical, high bandwidth backhaul for Tantulus' Smart Grid applications.

"Our immediate goal is to make ready for the TVA's proposed transition to time-of-use pricing," said Homer G'Fellers, Johnson City Power Board's President & CEO. "Moving forward now with these two projects will provide an extremely robust and capable platform to support data intensive applications. There's a significant opportunity to enhance service while continuing to provide cost-effective power to our customers.

Eric Murray, President & CEO of Tantalus added: “Building an energy efficient community requires participation from both the utility and the people it serves. The Johnson City Power Board realizes that communications is central to the success of this effort. Investment in network infrastructure that scales as the utility’s needs grow, and which supports a wide range of Smart Grid functionality, gives the utility the freedom to adapt to ever-changing economic, environmental and customer service priorities.”

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The JCPB serves over 74,000 customers within Washington, Sullivan, Carter and Greene counties in Northeast TN. The JCPB is a not-for-profit, public power provider and is the tenth largest of the TVA’s 158 electricity distributors. The JCPB also offers a wide variety of energy services and programs to its residential and commercial customers.

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About Tantalus

Tantalus provides two-way, real-time data communications networks to monitor and control electric, gas and water utilities. TUNet® – the Tantalus Utility Network – is an end-to-end WAN/LAN/HAN communications system that operates with both RF and IP-based networks including FTTH, Fiber, WiFi, WiMAX and GPRS/cellular, either individually or in combination. TUNet’s patented and patents pending technologies are purpose built for the Smart Grid. The Tantalus network unites a utility’s applications, making advanced metering, outage management, power quality monitoring, load control, and distribution automation cost-effective and practical throughout both urban and rural service areas. For more information, please visit www.tantalus.com.

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