



## PRESS RELEASE

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## **Oncor Builds SmartGrid System with Siemens & Intergraph**

### **Integrated Outage and Distribution Management System Sets Pace for the Distribution Industry**

**HUNTSVILLE, Ala., RALEIGH, N.C., and Dallas, Tx., May 22, 2007** – Leading the energy distribution industry's adoption of SmartGrid integrated technologies, Oncor Electric Delivery, a subsidiary of TXU Corp., has selected a joint solution from Siemens Power Transmission & Distribution, Inc. and Intergraph to integrate its outage, mobile workforce and distribution management systems.

By selecting Siemens' Distribution Management System, including its Spectrum Power™ SCADA and Spectrum Power™ DNA products, and InService, Intergraph's outage management system, Oncor will fully integrate the operational environment for the power grid. The SmartGrid Software System will integrate data, equipment, and associated process changes brought about by existing investments in Advanced Metering Infrastructure (AMI), Broadband over Powerline (BPL), and Distribution Automation (DA). This SmartGrid enables software applications to monitor and maintain a stable and

healthy distribution network, alerting operators immediately when problems arise and taking automated corrective action. Oncor has also begun migration of its mobile workforce management system to Intergraph's InService mobile workforce management solution including oneMobile.

"At Oncor, we are committed to providing safe and reliable electric service, and our SmartGrid implementation will help us deliver superior service to Texas residents and businesses," commented Charles Jenkins, Vice President System Operations, Oncor. "Our vision is to develop the most innovative and efficient approach to providing electric delivery services and our business partners are key to that success. The unique solution from Siemens and Intergraph will help us to attain this vision."

The InService suite of applications will provide a single integrated graphical user environment into the operational network, providing equipment monitoring, supervisory control and management of the field resources and equipment. Operators will no longer have to manage multiple network models and software applications.

The Spectrum Power Distribution Network Applications will augment the Intergraph outage and work management capabilities to include automated fault assessment/management, load and voltage analysis, restoration optimization, and VAr management. The existing Oncor Spectrum Power SCADA system will be extended to provide Distribution Automation switch and capacitor bank information from the distribution system. Combined with the Outage and Mobile Work Management Systems, Oncor will establish a full Distribution Management System capability for its operations staff.

The Oncor Smart Grid Software System is a phased project, with Mobile Workforce Management System implementation occurring first, followed by Outage Management with mobile computing, DMS, and SCADA. Siemens and Intergraph are implementing commercial off-the-shelf software solutions, enabling other utilities to take advantage of the SmartGrid vision.

"We are deploying the latest technology with a view toward meeting the needs of the complex market Oncor serves. Deploying smart and distributed technology in the power distribution grid is key to ensuring reliability for electric utilities," said Kevin Sullivan, vice president and general manager of Siemens Power Transmission & Distribution, Inc's Energy Management & Automation division.

"Siemens is confident that this partnership with Intergraph will result in an implementation at Oncor that will set a new benchmark for this industry." Sullivan noted further, "Information and automation-enabled grid assets lead to more efficient operation, increased maintenance planning optimization, better cost-to-value ratios for operation & maintenance, and ultimately better consumer satisfaction via better outage

management and performance. These developments will foster a new era of grid communities where the ‘smart grid’ achieves an enviable level of performance.”

“This project sets a new standard for the integration of essential management applications throughout the energy distribution industry,” said Jay Stinson, vice president of Intergraph Utilities & Communications.

“This project will allow Oncor to better prevent and respond more quickly and efficiently to outages and other network interruptions while maintaining efficiency, continuing the Company’s longstanding commitment to its customers. Intergraph is proud to be a part of the most innovative SmartGrid project to date.”

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#### **About Oncor**

Oncor Electric Delivery, a subsidiary of TXU Corp., provides power to more than 3 million homes and businesses and operates more than 115,000 miles of transmission and distribution lines in Texas. Information about Oncor can be obtained by going directly to [www.oncor.com](http://www.oncor.com).

#### **About Siemens Power Transmission & Distribution (USA)**

Siemens Power Transmission & Distribution, Inc., headquartered in Raleigh, NC, creates innovative product, system and service solutions for its customers – electric utilities, transmission organizations, Independent System Operators, and large energy consumers. It is a leading supplier of high and medium voltage power delivery equipment, energy management systems, network planning and power system engineering software for regulated and deregulated generation, transmission, and distribution markets. The company’s products and systems are used to increase power system capacity and improve the reliability, stability and flexibility of power delivery and network control systems. It has operations in Wendell, NC; Jackson, MS; Minneapolis, MN; San Jose, CA; Schenectady, NY; Jackson, TN; Heber Springs, AR; and Atlanta, GA. For more information visit us at: [www.usa.siemens.com/energy](http://www.usa.siemens.com/energy).

#### **About Intergraph**

Intergraph Corporation is the leading global provider of spatial information management (SIM) software. Security organizations, businesses and governments in more than 60 countries rely on the company’s spatial technology and services to make better and faster operational decisions. Intergraph’s customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships and protecting critical infrastructure and millions of people around the world. For more information, visit [www.intergraph.com](http://www.intergraph.com).

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