

XCEL ENERGY SMART GRID CONSORTIUM



INSPIRATION. INNOVATION. COLLABORATION.

Xcel Energy has made significant progress deploying the nation's first **SmartGridCity™** in Boulder, Colo. This advanced, integrated smart grid system—when fully implemented over the next few years—will provide customers with emerging technologies designed to provide environmental, financial and operational benefits.

What sets Xcel Energy's effort apart from others is its diverse portfolio of smart grid technologies. Together, these system upgrades and new service offerings integrate all aspects of the company's unique Smart Grid vision into a full-scale, community-wide implementation.

To accomplish this ambitious task, Xcel Energy brought together leading technologists, engineering firms, business leaders and IT experts to form its Smart Grid Consortium. Members comprise an eclectic mix of industry consultants, broad-solution portfolio providers and innovative specialized technology vendors.

SMARTGRIDCITY™



CONSORTIUM MEMBERS

Accenture

Accenture is a global management consulting, technology services and outsourcing company; it collaborates with clients to help them become high-performance businesses. Accenture's role with SmartGridCity is to project manage the integration and management of data flow, including automating processes, transmission and distribution of electricity.

www.accenture.com



Current Group

Current Group is a leading provider of Smart Grid solutions benefiting electric utilities, their customers and the environment. Xcel Energy's SmartGridCity will be utilizing the fully integrated CURRENT Smart Grid™ solution that combines advanced sensing technology, two-way high-speed communications, 24/7 monitoring and enterprise analysis software and related services to provide location-specific, real-time data.

www.currentgroup.com



GridPoint Inc.

GridPoint Inc. is a leading clean tech company whose smart grid software platform benefits electric utilities, consumers and the environment. The GridPoint Platform applies information technology to the electric grid to provide an intelligent network of distributed energy resources that controls load, stores energy and produces power to enable advanced demand management, plug-in hybrid electric vehicle "smart charging" and online energy management.

www.gridpoint.com



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OSIsoft

OSIsoft PI System software provides off-the-shelf data collection and management functions for time series data including meter data, grid-state data and events, and then enables the smart grid with tools to better manage assets, mitigate risks, improve processes, make business decisions in real time and identify competitive business and market opportunities.

www.osisoft.com



Schweitzer Engineering Laboratories (SEL)

Schweitzer Engineering Laboratories (SEL) introduced the world's first digital relay in 1984, and has since developed complete solutions and services for the protection, monitoring, control, automation, and metering of electric power systems. SEL provides sensing, control and communications solutions for SmartGridCity and Xcel Energy's "smart substation" project.

www.selinc.com



SmartSynch

SmartSynch, a smart grid infrastructure company and global leader in public wireless smart metering technology, is providing smart metering, energy management, demand response and carbon monitoring solutions to commercial and industrial (C & I) customers in Xcel Energy's SmartGridCity initiative. The SmartSynch solution will be deployed on the University of Colorado campus in Boulder, as well as on municipal buildings and select buildings throughout the city.

www.smartsynch.com



Ventyx®

Ventyx supports the need for Smart Grids to process and transmit information among the grid's physical assets (plant, transmission and distribution, consumer premise equipment), the mobile workers who support these assets, and between consumers and commercial operations. Ventyx solutions provide the asset management, workforce management, generation portfolio optimization and scheduling, and customer program management required to deploy and manage Virtual Power Plants and maximize the value of demand response programs for Xcel Energy's SmartGridCity.

www.ventyx.com



Xcel Energy

Xcel Energy, a major U.S. electric and natural gas company with operations in eight states, is building the nation's first SmartGridCity in Boulder, Colo. This groundbreaking project is well on its way to transforming the electric power grid into a modern, cleaner and more resilient "smart grid" that will meet our needs far into the future.

www.xcelenergy.com/smartgridcity

