VERISAE – Planning for Optimized Resources – We Make Sustainability Actionable

Smart Grid Projects

Taking on urgency of improved energy efficiency and smart energy management; Energy efficiency obtained through the implementation of active energy monitoring and the pervasive use of a Smart Grid will save on costs and help the environment.

In an effort to reduce harmful greenhouse gases that cause global warming and in a move towards energy independence, business enterprises and entities, in addition to the retail sector, are putting in place smart grid projects. The goal is to save on energy costs.

According to their particular infrastructure, a variety of smart grid projects can be introduced by business entities. For example, energy management software can be embraced to track and report energy usage, renewable generation -- wind power or solar panels -- can be studied, or smart meters can be introduced, that do a much better job of monitoring electricity use.

There is now an ever increasing push from policymakers and regulators, as well as environmentalists, toward energy efficiency. The new US administration included billions in its controversial economic stimulus plan to help modernize the country's energy grid. Commercial and industrial profit and nonprofit entities have been invited to take advantage of federal and state initiatives to improve and enhance their current energy infrastructure.

As part of the strong move toward electricity and energy efficiency, business entities and retailers are researching information technology. It is anticipated that information management will play a major role in the success of these initiatives and that companies will need to achieve interoperability throughout their infrastructure.

Energy independence and prosperity is key and smart grid projects are aiming for a lasting legacy. Numerous areas exist on this road to success: power can be tracked and usage controlled, energy bills lowered by allocating usage to off-peak times, energy usage can be monitored at the device level, and energy needs fulfilled through response to demand.

It is important to act now to preserve our planet's future health. It is known that certain energy types contribute significantly to global warming and smart grid

projects will be of major importance in the fight to reduce pollutants, water usage and limit greenhouse gas emissions.

A major document is expected to be released in September 2009, directed by the U.S. Congress as one of the initiatives aimed at energy efficiency and independence. The National Institute of Standards and Technology, part of the US Commerce Department, is to create a Smart Grid Interoperability Standards Roadmap.

This roadmap will establish priorities in distribution and transmission, set the building to grid standards for commercial entities, industrial to grid for the industry sector, home to grid for residential consumers and will also establish business and policy issues as well as cyber security.

Energy management software will be one of the keys to provide companies with extensive information about their consumption as energy costs continue to rise. This will be a valuable tool to compare usage throughout their sites and locations, and by combining historical with real-time data, will be able to manage usage, control costs and implement energy efficiency projects.

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Clean-Tech Solutions from Verisae, Inc.

Verisae, Inc. empowers organizations to engage in "**Optimized Operations**" programs in a localized facility or across a global enterprise. Our core offerings allow distributed organizations across the globe to effectively track and manage assets from the usage, cost to run, energy consumption, and carbon consequence perspectives.

They are uniquely position to help organizations prove return on investment (ROI) on Greenhouse Gas management and reporting. Their solutions are delivered via a common web browser so that organizations with thousands of locations and 10's of thousands of assets can be implemented in a manner of months.

Given the heightened priority of corporate sustainability, Verisae is positioned right now to enable organizations to establish a carbon footprint baseline, outline energy management options, and provide a comprehensive corporate sustainability action plans in a manner of months. All of which can be implemented with metrics in place to highlight bottom-line cost savings and return on investment timelines.

• **Enterprise Asset Management (EAM)** is a full function Computerized Maintenance Management System (CMMS) with incredible flexibility.

• **Enterprise Emissions Tracking (EET)** provides a company with real time carbon footprint reporting.

• **Enterprise Refrigerant Management (ERM)** is a web-based solution to control refrigerant use. Refrigerant tracking at locations containing refrigerants is critical to the environment and to an organization's bottom line.

• **Enterprise Energy Management (EEM)** allows multi-site clients can have a comprehensive view of their entire energy portfolio across their entire enterprise.

Ultimately, Verisae provides the services and the knowledge that drives decisions from a dollars and sense perspective. Verisae has clients throughout the United States of America, the United Kingdom, Poland, the Czech Republic, the Slovak Republic, China and Thailand. Verisae, Inc. is headquartered in Minneapolis with a branch office in the United Kingdom.