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Orion Energy Systems Issued Six New Patents, Brings Total Patents Issued to 34

Power Technology Company Consistently Receives Validation for Product Innovation

MANITOWOC, Wis., Sep 28, 2010 (GlobeNewswire via COMTEX News Network) -- Orion Energy Systems Inc. (NYSE Amex:OESX) was recently issued six new patents from the U.S. Patent and Trademark office for components of its Compact Modular(TM) and Intelite(R) dynamic sensor and control technology, bringing the company's total patents to 34 since 2001.

Orion revolutionized fluorescent lighting for commercial and industrial industries with the introduction of its fluorescent lighting platform in 2001. The Compact Modular(TM) reduces light-related electricity costs by 50 percent, while increasing the quantity of light by 50 percent when replacing traditional high-intensity discharge lighting, which has been the industry standard since the early 1960s. Customers, now in nearly 6,000 facilities nationwide, realize an 18- to 24-month payback period from electricity cost savings while providing a better working environment for their employees.

Orion's next generation Intelite(R) wireless dynamic sensor and control system is designed to allow its customers to see and track in real time the electrical demand of their entire facility and in turn control energy loads. It is designed to be the most reliable, flexible, and open system for energy management needs -- from simple on-off systems to complete monitoring and electrical usage control for lighting and other operations like HVAC. The Intelite(R) system includes an easy-to-use touch screen panel or a web-based application. The Intelite(R) system also can incorporate motion and ambient light sensors to automatically turn off and on lights when triggered -- increasing energy savings when lights otherwise would stay turned on.

Designed to create permanent distributed load reductions, Orion has deployed its energy management systems in 5,870 facilities across North America, including 123 of the Fortune 500 companies. Since 2001, Orion technology has displaced more than 551 megawatts, saving customers more than \$9 million and reducing indirect carbon dioxide emissions by 8 million tons.

Orion has 23 patents pending.

Orion Energy Systems Inc. (NYSE Amex:OESX) is a leading power technology enterprise that designs, manufactures and deploys energy management systems, consisting primarily of high-performance, energy-efficient lighting platforms, intelligent wireless control systems and direct renewable solar technology for commercial and industrial customers without compromising their operations. For more information, visit www.oesx.com. Follow us on Twitter, Facebook or YouTube.

The Orion Energy Systems, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=4540>

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