



411 First Avenue South  
Suite 500  
Seattle, WA 98104  
T 888.211.0918  
[optimumenergyco.com](http://optimumenergyco.com)

## **OptimumEDGE™ Makes HVAC Energy Efficiency Easy and Affordable**

### ***Optimum Energy's new software module brings state-of-the art HVAC optimization to smaller commercial facilities***

SEATTLE, August 10, 2016—Next month Optimum Energy will launch OptimumEDGE™, a patented, quick-start HVAC optimization solution that shaves energy use by 13 percent on average—and cuts water use as well—without affecting building operations or occupant comfort.

OptimumEDGE gives commercial building operators affordable access to patented technology in OptimumLOOP™, Optimum Energy's advanced chiller-plant optimization solution for large commercial facilities. OptimumEDGE is engineered for buildings that have up to three chillers with a combined cooling capacity of 400 to 2,000 tons.

Top controls integrators Entech Sales & Service, Flutec LP, Sunbelt Controls and Wunderlich-Malec are partnering with Optimum Energy as charter resellers to deliver and install OptimumEDGE.

"We're excited to make our true optimization technology available to a large category of facilities that have not been able to achieve maximum efficiency because products designed for larger facilities just didn't make sense for them," said Ben Erpelding, Optimum Energy's chief technology officer. "OptimumEDGE is an opportunity for small to midsize healthcare facilities, office buildings and other commercial sites to save resources and money—painlessly."

OptimumEDGE uses relational control algorithms to optimize chiller system components in relation to one another in response to real-time building loads and changing ambient and occupancy conditions. Most conventional control technologies optimize components individually to fixed set points—which results in some savings but does not achieve peak efficiency.

Benefits go beyond energy and water savings. OptimumEDGE extends equipment life by operating chillers, pumps, cooling towers and the other mechanical chiller plant components more efficiently. It also prevents performance drift and provides valuable insights into plant operations. And facilities that install OptimumEDGE can earn LEED and Energy Star points.

Additionally, OptimumEDGE software runs on a JACE® 8000 controller that operates with Niagara 4, the latest version of Niagara Framework®, which ensures optimal security and performance.

The solution is available exclusively from controls integrators certified by Optimum Energy as authorized resellers. Descriptions of charter reseller partners are below.

**Entech Sales and Service** ([www.entsales.com](http://www.entsales.com)) consists of several cohesive business groups working together to provide services for commercial and industrial buildings. With the help of exceptional service personnel and good business practices, Entech has grown from four employees in 1981 to nearly 350 hardworking and dedicated employees in the Dallas, Fort Worth, Austin, San Antonio, Garland, Houston, Buda and Oklahoma City markets.

**Flutec LP** ([www.flutec.com](http://www.flutec.com)) is a mechanical HVAC design-build contractor with offices in El Paso, Texas; Juarez, Mexico; and Silao, Mexico. Flutec specializes in high-tech HVAC applications, ranging from simple evaporative cooled industrial facilities to complex clean-room spaces. Flutec also offers fully integrated packaged chilled-water central plants under the brand name Chil-Pak, as well as sheet metal manufacturing of multizone control dampers, fan coils and air handling units.

**Sunbelt Controls** ([www.sunbeltcontrols.com](http://www.sunbeltcontrols.com)) is a leading full-service building automation contractor for new construction and retrofit projects in the Western U.S. with more than 30 years of experience. It provides complete, fully integrated, single-source solutions that range from engineering applications and automated control systems to design assistance, sustainable maintenance service, retro-commissioning and energy rebate-supported projects.

**Wunderlich-Malec** ([www.wmeng.com](http://www.wmeng.com)) has been providing customers with engineering, system integration and fabrication solutions for more than 30 years. With offices throughout the U.S. and more than 350 professionals on staff, it is one of the largest and most well-established engineering companies in the U.S. and has successfully finished numerous projects for U.S. clients in many parts of the world.

#### **About Optimum Energy**

Optimum Energy (<http://optimumenergyco.com/>) enables campuses, healthcare facilities, pharmaceutical plants, data centers and other commercial buildings to cut energy costs and meet sustainability goals by optimizing HVAC systems, the largest consumer of energy in buildings. The company's cloud-based OptiCx™ Platform and its associated modules reduce an HVAC system's energy usage and resulting costs by 20 to 50 percent (30 percent is typical). The technology also reduces water use in chiller plants, tracks and reports on savings, provides detailed insights into building system operations, and efficiently scales across entire building portfolios. Optimum Energy technology has enabled current customers to save about 500 million kilowatt hours of electricity, reduce carbon emissions by nearly 290,000 metric tons and save over 100 million gallons of water.

#### **Media Contact**

Sandra Stewart, Thinkshift Communications  
[sandra@thinkshiftcom.com](mailto:sandra@thinkshiftcom.com) | 415.391.4449

