



SYSTEMS-LEVEL OPTIMIZATION FOR YOUR BOILER SYSTEM NEEDS

OptimumHEAT® is patented, state-of-the-art configurable control software providing continuous, system-level optimization of boiler plants. Patented relational control algorithms calculate the most efficient operation of an entire boiler system and automatically calculates the most efficient operation of boilers and pumps. The technology dynamically optimizes system performance in real time, delivering energy and cost savings of up to 50%—while maintaining superior occupant comfort and maximizing safety.

OPTIMUMHEAT - POWERFUL SOFTWARE FOR MAXIMIZING YOUR OVERALL PLANT EFFICIENCY

OptimumHEAT® utilizes demand-based relational control algorithms to optimize hot water and steam systems. The software determines the optimal equipment combinations and sequences for maximizing system efficiency, and routes these recommendations to the Building Automation System (BAS). OptimumHEAT® is the most powerful hot water and steam system optimization solution available, staging boilers to operate at their “sweet spot” for optimum performance, prolonging the life of plant equipment and maintaining system safety.

ABOUT OPTIMUM ENERGY

Since 2005, Optimum Energy's software solutions have helped customers in manufacturing, higher education, healthcare, and other industries significantly reduce energy use in their HVAC systems, delivering typical energy savings of 30 percent, dramatically improved operating efficiency, and reduced carbon emissions. To-date, Optimum Energy has helped their customers save over 1.75 billion kilowatt-hours of electricity, reduce carbon emissions by over 1 million metric tons, and save over 360 million gallons of water.

OptimumHEAT® Benefits

Automatically, continuously optimizes boiler systems in the most holistic, intelligent manner

Delivers consistent savings across industries, settings, and control systems

Streamlines operations and lengthens equipment life

Data-driven HVAC optimization that significantly lowers operating expenses while increasing safety and reliability

Sustainably reduces energy use by up to 50%