



Lee College



The Optimum Energy solution is providing Lee College with 36% plant efficiency improvements and over 1.1M lbs. in CO₂ savings annually.

Opportunity

- Lee College, located in Baytown, Texas, is a community college campus with an enrollment of around 6,000 students near the northern shore of Galveston Bay between the San Jacinto and Trinity Rivers, thirty miles east of Houston.
- Lee College recently announced a goal of implementing technology to effectively improve educational and operational processes and promote sustainability.

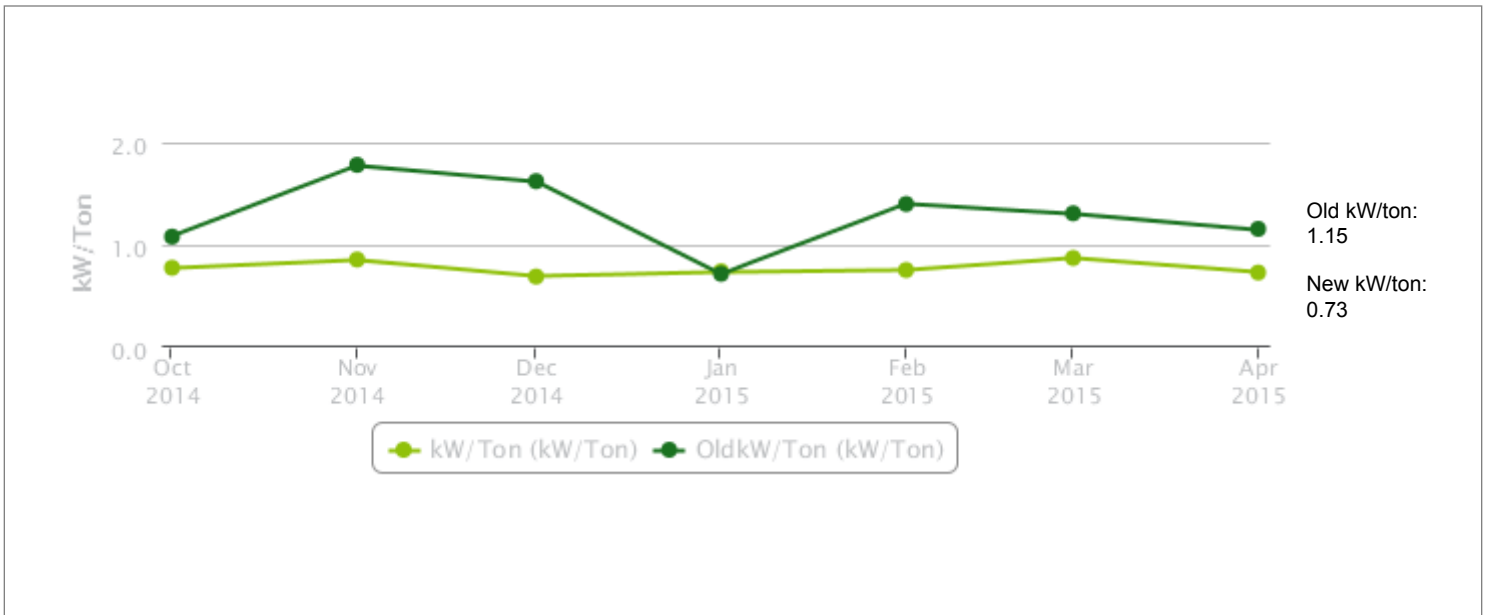
Solution

- After conducting an Engineering Site Analysis (ESA), Optimum Energy installed OptimumLOOP® software.
- OptimumLOOP continuously and dynamically adapts to fluctuating load, weather and occupancy conditions to yield the lowest possible kW/ton—and the greatest energy and cost savings—while maintaining superior occupant comfort.

Results

- Average plant-wide efficiency rating: 0.73 kW/ton—a 36% improvement
- Delivering \$58,527 in savings annually
- Saving 803,954 kWh savings annually
- Carbon emissions saved: over 1,189,049 lbs of CO₂ annually

Lee College: 36% Improvement in Plant Efficiency



ABOUT OPTIMUM ENERGY

Optimum Energy provides a proven solution that delivers significant and sustained efficiency gains of up to 50% in HVAC systems. The OptiCx® platform combines technologically advanced HVAC optimization software with world-class expertise in system design and operations. It's a proven, systematic, and scalable approach that reduces resource usage—water, electricity, and people—while providing detailed insights into how building systems operate in real time. The result is vastly improved operating efficiency, which further increases savings, and importantly reduces overall carbon emissions. For more information please visit optimumenergyco.com.