



Ohio University

Athens, Ohio

Energy management project across the campus

Problem

Ohio University sought a long-term partner to provide technical engineering expertise as well as performance contracting expertise with the goal of reigning in energy overhead costs. The University wanted to find a partner that shared a similar business philosophy and culture that could provide recommendations, implementation, and management of the project.

Resolution

In addressing the University's mission to better control spiraling energy costs, Optimira installed new and/or upgraded energy efficient lighting systems. The team also implemented modifications of the central district heating system as well as the occupancy sensors. Additionally, the air-handling systems were improved and the HVAC systems were redesigned.

Optimira took the opportunity to undertake building and campus wide sub-metering and enhanced building controls systems.

A ground water irrigation system was put in place as well as improved domestic water conservation measures.

Optimira also took on the responsibility of creating a campus-wide occupant awareness and communications program.



Project Description

The Optimira team designed a project that involved the implementation of a number of initiatives to improve energy management across the Ohio University campus. They joined forces with the University as a partner, working together on an entire community project – not just an engineering or construction project. The project cost was \$5.0 million.

End Result

The project is guaranteeing an annual savings of \$614,658 for a ten year period.