



Service and Product Provider Partner

Burton Energy Group

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Customer

Staples London Fulfillment Center

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Staples partners with Burton Energy Group to enact ENERGY STAR strategies and returns huge savings.

Project Scope

The Staples London Fulfillment Center and Burton Energy Group project enacted energy saving measures using a systematic ENERGY STAR approach of identifying and eliminating energy waste. Energy consumption in the 500,000 square foot warehouse has been reduced by more than seven percent since the beginning of 2012. The project has an expected payback of 2.4 years.

Project Summary

Starting with the intent of achieving a certification-eligible ENERGY STAR score for the London Fulfillment Center, Staples and its service provider, Burton Energy Group, facilitated an "Energy Reduction Treasure Hunt" at the property. The process took three days, and began with a facility walk-through during the weekend when the facility was nonoperational in order to identify quick fixes such as lights and other equipment left on or unnecessary conditioning of vacant space. Then, they examined the property when it was in operation to identify both low-cost behavioral and capital improvements. This provided an important opportunity for the facilities staff to learn from expert engineers, while also communicating critical information about day-to-day operations. Potential savings opportunities were quantified and presented to Staples upper-management for consideration.

Energy Savings

Lighting retrofits, energy management system installation, and battery management system installation, in addition to other measures, resulted in energy savings of more than seven percent over 20 months.

Investment

Approval was provided for seven measures that met capital funding requirements.

Financial Return

The entire investment has a short payback period of 2.4 years.

Distinguishing Value

Improving the energy efficiency at the London Fulfillment Center aligns with Staples' broader energy management philosophy. Since first partnering with the ENERGY STAR program in 1999, the company has been committed to finding ways to positively impact the environment while meeting business and customer needs, and Staples has recognized the importance of looking beyond just its retail stores to assess and improve the performance of its warehouses, distribution centers, and fulfillment centers.