



CASE STUDY

Staples Warehouse & Distribution Center Orlando, Florida

In 2007, Staples contracted with GreenTech Energy Services to design and implement the following energy savings solutions in its 550,000-square-foot warehouse and distribution center in Orlando, FL.

- Over 1200 outdated 400- and 100-watt metal halide fixtures were replaced with state-of-the-art T5 lighting. The new fixtures provide instant on and off, which eliminates warm-up time, and have reduced energy consumption by 60%.
- Sensor controls were installed, which reduce energy consumption by automatically shutting off the lights in areas of the warehouse that are unoccupied.



THE SAVINGS	
Total Program Costs	\$224,917
Total Payback Period	1.3 years
KW Saved	316
KWH Saved	1,686,329
Energy Savings	\$165,260
Operational Savings	\$6,748
Total Savings	\$172,008

ENVIRONMENTAL IMPACT	
Reduction in Carbon Dioxide (pounds)	2,529,493
Reduction in Sulfur Dioxide (grams)	9,443,440
Reduction in Nitrogen Oxide (grams)	4,215,822

“On a scale of one to five, I would grade the results of this project a five, both in terms of energy efficiency and operational savings.”

Alan Starkey
Facility Maintenance
Manager



that was easy.sm

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