

Troemner Goes Green!



Troemner, a leader in the field of precision measurements and laboratory equipment, hired GreenTech Energy Services to retrofit its 40,000-square-foot facility in Deptford, NJ. GreenTech replaced the 400-watt metal halide high bays in the production area with new 2 x 4 fixtures with four T5 fluorescent lamps and reflectors. Occupancy sensors were included on each fixture to assure that lights are shut off when areas are unoccupied. The project eliminated obsolete equipment that no longer meets federal energy standards and will save Troemner over \$15,000 a year in energy and operation savings. Improved quality of light will also improve safety, security and quality control.

ENERGY & COST SAVINGS

• Program Cost	\$38,934
• Utility Rebate	\$12,190
• EPACT Tax Savings	\$7,200
• Payback Period	1.3
• Internal Rate of Return	78%
• KW Saved	42
• KWH Saved	97,092
• Energy Cost Savings	\$13,593
• Operational Savings	\$1,557
• Total Savings Per year	\$15,150

ENVIRONMENTAL IMPACT

• Reduction in Carbon Dioxide (pounds)	145,638
• Reduction in Sulfur Dioxide (grams)	543,715
• Reduction in Nitrogen Oxide (grams)	242,730