



CASE STUDY

Roben Manufacturing

Lakewood, New Jersey

Roben Manufacturing, a designer and fabricator of stainless steel and alloy process equipment, contracted with GreenTech Energy Services to install a lighting retrofit in its facility in Lakewood, NJ, which was dimly lit with outdated light fixtures. GreenTech replaced 400-watt metal halides and T12 fluorescents with energy efficient T5 and T8 fluorescents. Incandescent lighting in the exit sign was replaced by LED. The warehouse now consumes a fraction of the energy it previously did, but the light levels and quality have been enhanced throughout.



PROJECTED SAVINGS

- Program Costs.....\$17,376
- EPACT Tax Savings.....\$4,344
- Payback Period.....3.6 years
- KW Saved8
- KWH Saved.....20,649
- Energy Savings.....\$3,097
- Operational Savings..... \$521
- Total Savings.....\$3,619

ENVIRONMENTAL IMPACT

- Reduction in Carbon Dioxide (pounds)..... 30,974
- Reduction in Sulfur Dioxide (grams)..... 115,636
- Reduction in Nitrogen Oxide (grams)..... 51,623

"The improvement in lighting was tremendous," says Gary Huhn, President of Roben Manufacturing. "I would highly recommend GreenTech - in fact I already have. I had someone here just the other day, and I told him 'You've got to take a look at these lights.' It's made a considerable change, and everyone's very happy with it."