



CASE STUDY

Pepperidge Farms Aiken, South Carolina

Pepperidge Farm, a commercial bakery owned by Campbell's Soup, has a plant in Aiken, South Carolina, where GreenTech Energy Services did a lighting retrofit. GreenTech removed the existing 400-watt metal halide fixtures and replaced them with 2 x 4 six-lamp T8 high bays. Fixtures throughout the plant are shatterproof and those in work areas are sealed and gasketed for the washed-down environment. In the office areas, new 28-watt T8 lamps have reduced energy consumption from 468 watts to 229 watts while maintaining existing light levels.

PROJECTED SAVINGS

- Program Cost - \$60,349
- EPACT Tax Savings - \$12,333
- Payback Period - 3.4
- KW Saved - 17
- KWH Saved - 153,011
- Energy Cost Savings - \$12,223
- Operational Savings - \$1,810
- Total Savings - \$14,034
- Estimated 10-year Savings (purchase) - \$160,879



ENVIRONMENTAL IMPACT

- Reduction in Carbon Dioxide (pounds) - 229,516
- Reduction in Sulfur Dioxide (grams) - 856,861
- Reduction in Nitrogen Oxide (grams) - 382,527

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