



CASE STUDY

Pepperidge Farm 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 Saved17
- KWH Saved..... 153,011
- Energy Cost Savings..... \$12,223
- Operational Savings.....\$1,810
- Total Savings.....\$14,034



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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