



CASE STUDY

Menu Foods Pennsauken, New Jersey

PROJECT BACKGROUND

Menu Foods is the leading North American private-label/contract manufacturer of wet pet food products sold by supermarket retailers, mass merchandisers, pet specialty retailers and other retail and wholesale outlets. The Company has a 230-square-foot warehouse and a 210-square-foot manufacturing plant in Pennsauken, NJ. To identify ways to make both locations more energy efficient and cost-effective, Menu Foods contracted with GreenTech Energy Services for a total energy-savings solution.



THE GREENTECH SOLUTION

- The warehouse had seventy 1000-watt metal halide fixtures, which GreenTech Energy Services replaced with T5's.
- The manufacturing plant had a total of 916 fixtures that included both T12 fluorescent fixtures and 400-watt metal halides. GreenTech replaced the T12 fixtures with T8's, and replaced the metal halide fixtures with T5's.
- GreenTech also installed occupancy sensors where applicable, both in the warehouse and in areas of the manufacturing plant used as temporary storage, so that the lights are off when these areas are unused.
- The energy savings in the table below were calculated at rates of \$6.71 per KW and .085 cents per KWH.

"This past year we hired Green Tech Energy to do a lighting retrofit project for our food processing and warehouse facilities in Pennsauken New Jersey. Even though the work was done under some very demanding sanitation guidelines, it was performed on time and within our budget constraints. The overall lighting levels were dramatically increased, while still saving more electrically energy that was initially promised. We will be looking for Green Tech Energy to perform additional work for us in the future."

Chris Bauer, Electrical Engineer, Company Wide Support & Maintenance, Menu Foods, Inc.

Location	Existing Kwh	Existing Kw	% Reduction	New Kwh	New Kw	Dollar Savings
Warehouse	465,564	77	76%	110,576	18	\$36,530
Manufacturing Plant	1,746,291	219	38%	1,082,700	136	\$72,611
Total						\$109,141

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