

Energy Procurement Process

Preliminary Data Collection and Facility Audit

First an initial collection of financial and utility data is collected and analyzed. Next a complete audit of existing lighting systems is performed.

Sample Installation: Measurement and Verification

Solutions are discovered and presented. Sample test locations are then identified and installed. This allows for demonstration of savings and ensures customer satisfaction of performance.

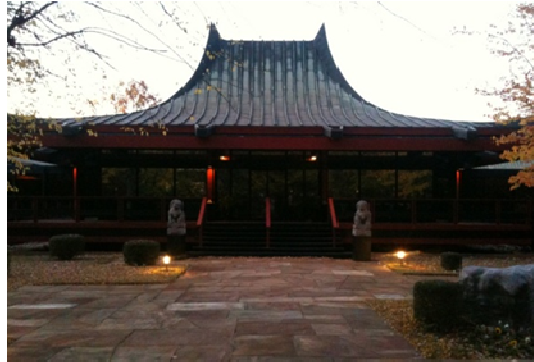
System Integration

Lighting systems are installed on schedule without hindrance to the customers day to day operations. Savings are realized, tracked and verified through Energy Management software.



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Energy Efficient Lighting Case Study



(Headquarters)



Over the last 128 years The Westervelt Company has seen much: The great depression, two world wars, not one but two turns of the century and a host of their own historical events that have helped shape them in to the company they are today. While Westervelt's past has seen them make grocery bags, paper, and paper board packaging; today they are a land resource organization taking an environmentally responsible, socially aware, Highest and Best Use (HBU) approach to nearly 500,000 acres of timberland and natural resources. Upgrading their facility to utilize energy more efficiently was a natural progression that fell right in line with corporate culture and responsibility.



Annual Savings

(calculations provided courtesy of SEMCO)

- Energy Savings \$28,972
- Displaced Energy 432,436 kWh
- Displaced Capacity 95.1 KW

Impact of Upgrade

- Simple Payback 3.5 years
- Increase in light levels 26% (fc)

Environmental Impacts

- CO2 Reduced 592,654 lbs
- SO2 Reduced 1,903 lbs
- NOx Reduced 1,081 lbs

Environmental Equivalents

- 3.4 Acres of forest preserved
- 91 Cars taken off the road
- 47,931 Gallons of gasoline not burned
- 54 House holds powered (1 yr.)
- 2.1 Rail cars of coal preserved



ALABAMASAVES™
Sustainable and Verifiable Energy Savings

ABUNDANT POWER
Smarts Capital for Clean Energy



ADECA Information

Overview

The overall mission of the Energy Division, as the State Energy Office, is to increase energy efficiency, reduce energy consumption, promote energy-efficiency and renewable-energy technologies, make energy efficiency more affordable for low-income residents, and to aid low-income households, especially those with vulnerable populations such as elderly, disabled and young children, with the increasing costs of home energy.

Programs

The Energy Division includes an array of programs and information to further its mission, including:

- State Energy Program
- Alabama Energy and Residential Codes
- AlabamaSAVES
- Alabama Emergency and Assurance Plan
- State Buildings Program
- Alternative Transportation Fuels Program
- Local Government Energy Loan Program
- Industrial Energy Efficiency Program
- Weatherization Assistance Program
- Low Income Home Energy Assistance Program (LIHEAP)

Disclaimer

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