

ENERGY OPTIMIZATION

“Reducing Energy Costs Makes Good \$ense”

What is an Energy Survey?

An energy survey is a comprehensive review of your electrical, natural gas, fuel oil, and thermal systems; designed to identify areas where inefficiencies are negatively impacting the financial performance of the facility. The survey can also touch on environmental concerns with a review of the pollution control systems to determine if there are possible energy savings available by utilization of different or more efficient emissions control equipment. Savings found during an energy survey can contribute significantly to an improved margin condition. Evergreen Engineering can assist you with a total review of your plant's energy systems to identify energy opportunities that will enhance financial performance. Key components of an energy survey include:

- Review of the Compressed Air Production and Delivery Systems
- Steam Generation and Distribution
- Lighting Surveys
- Power Transmission Systems Review and Evaluation
- Pneumatic Conveying Systems Review and Evaluation
- Power Factor Correction Review and Evaluation
- Process Energy Conservation
- Building Make-up Air Systems, Ventilation, and Air Extraction
- Mill-wide Insulation Survey
- Burner Tuning Evaluation
- Refining Motor Efficiency
- HVAC System Evaluation
- Co-generation Evaluation and Suitability
- Motor Replacement Plan

Related Services Include:

- Power Rate Negotiation Assistance
- Utility/Customer Project Opportunities
- Energy Risk Assessment/Management
- Energy Sell-back Opportunities
- Utility Bill Accuracy Verification



REDUCED ENERGY CONSUMPTION = INCREASED MARGIN



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