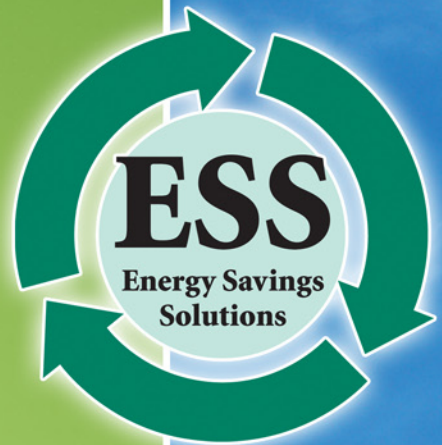


Schaedler *yesco*

invest in your future...

save  a watt



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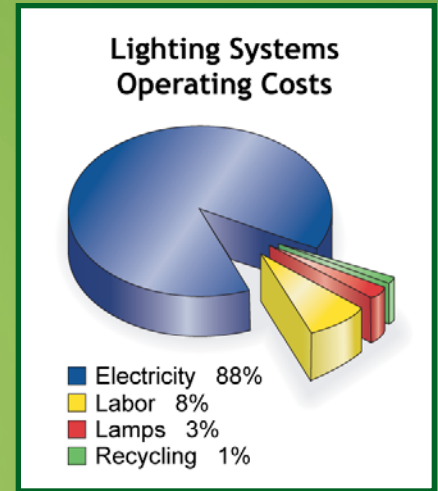
Schaedler Yesco has organized a strategic Energy Savings Solutions team that takes advantage of the various disciplines within our organization to help the customer better understand how they can save energy, money, and achieve a return on investment. Our goal is to enhance our customers' business by being on the leading edge of energy efficient technologies that solve today's energy issues.

- We commit to serving our customers through education, consultation, and cost effective solutions to improve profitability
- We build a partnership with our customers and vendors to educate and assist in creating a Strategic Energy Plan to reduce energy consumption within their facilities
- We enhance our customers' performance and profitability by being the leading provider of electrical energy efficient products and services

SLASH ENERGY COSTS BY 40% OR MORE...IMPROVE PROFITABILITY

Lighting is a necessity. Energy efficient lighting is a competitive tool. With the latest technology and proper implementation, it is possible to cut energy costs by 40% or more (this represents approximately \$1 savings per square foot) and improve lighting quality to drive productivity, safety, and comfort.

Facility managers, building owners, and operations executives are implementing cost savings methods that drive competitiveness and produce positive cash flow. With electricity representing approximately 90% of the cost of lighting, upgrading inefficient lighting systems with energy efficient lighting is a short payback investment that achieves substantial savings.



WE CAN SAVE YOU MONEY WITH YOUR CURRENT LIGHTING SYSTEMS IF YOU...

- Are buying T12 lamps
- Are using magnetic ballasts
- Have magnetic ballasted HID fixtures (i.e. mercury vapor lamps, metal halide, or high pressure sodium) in your high bay or parking lot lights
- Want white light in your facility or better color rendering
- Have areas where there is little occupancy during the day
- Have underutilized natural light from exterior windows
- Are using manual switching devices to control your lights

THE ENERGY SAVINGS SOLUTION PROCESS:

AUDIT ANALYSIS

- Schaedler Yesco guarantees the accuracy of its detailed audit analysis. Therefore, complete data gathering is essential.
 - Project needs and goals
 - Existing lighting fixture quantities and technical description
 - Existing lighting applications and best practices
 - Existing lighting quality measurement (footcandle measurements)
 - Current energy usage and costs
 - Projected kWh and usage reductions
 - Assist with EAct Certification and Local/ National Code Mandates
 - Environmental or Safety reasons
 - Maintenance Cost
 - Productivity Enhancements
 - Assist on Tax Deduction incentive and certification
 - Lighting life cycle costing
 - Green initiatives
 - LEED and Energy Star Product Solutions



SOLUTIONS

- Defines energy efficient conversions for each fixture
- Verifies that conversions meet all subjective requirements
- Detailed project scope with all material specifications clearly defined
- Rebate analysis and management

LIGHTING LAYOUTS

- Schaedler Yesco's experience provides engineering services that ensure your light level objectives are met while utilizing the latest energy efficient solutions
- Two nationally accredited Lighting Certified (LCs) professionals on staff
- We ensure that best practices are incorporated and will recommend the best lighting solution from our wide product offering
- Lighting layouts are provided in appropriate formats



PROJECT MANAGEMENT

- Pre- and post-project meetings
- Real-time project status reporting
- Providing one point of contact for warranty issues
- Project scope of work
- Project tracking
- Delivery coordination
- Implementation of plan review
- Turnkey solutions
- Installation recommendations



ENERGY EFFICIENCY WITH VARIABLE FREQUENCY DRIVES

Centrifugal fan and pump systems often have peak and off-peak needs that can be met with a Variable Frequency Drive (VFD). VFDs help eliminate valves, increase pump seal life, decrease power surge during startup, and contribute to more flexible operation.

POWER DISTRIBUTION

Distribution transformers are the second largest loss-making component in electricity distribution networks. Transformers are relatively easy to replace and their efficiency can be classified, labeled, and standardized.

HVAC MOTOR CONTROL

Nationally, motor-driven systems account for about 57% of all electrical energy use. The savings potential can be determined by the following factors:

- How efficiently is energy delivered to the motor while starting?
- How energy efficient is the motor itself while operating?
- How efficient are the motor control devices?

LIGHTING CONTROLS

Lighting controls increase your energy efficiency and reduce your operating costs by ensuring that lights are only used when, or to the extent, they are needed. There are various types of automatic control devices which can be used for this purpose including building automation systems, lighting control panels, occupancy sensors, and daylighting systems. These technologies are regarded as very effective and problem-free.

RECYCLING SERVICES

Recycling is an easy and inexpensive way to protect the environment and reduce the chance of liability by keeping you compliant with all federal, state, and local regulations. SYD has joined forces with a certified, licensed recycler to properly dispose of lamps, ballasts, mercurial products, etc. Order prepaid kits for collecting, storing, and shipping of waste or utilize bulk recycling for larger quantities.

What can be recycled?

- Lamps
- Lighting fixtures
- Ballasts
- Electronic Product Components
- Batteries

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