



## Sustainable Operations and Energy Saving Solutions



Motors & Drives



Power  
Management



Motion Solutions



Lighting



Future Energy  
Solutions

# Revere Difference

## What's the Revere Difference?

- Dedicated Green and Sustainability Resources in all Locations
- Ability to Provide a Complete Turnkey Solution for Lighting, Motion Control, Power Monitoring, Recycling and HVAC.
- Over Sixty Years Experience in Creating Resource Saving Solutions
- Trade Ally with ComEd, Dept. of Commerce and Economic Opportunity (DCEO), Focus on Energy (FOE) and Ameren
- Large Breath and Depth of Product Offerings



## Why Make the Move to Green and Sustainability Solutions?

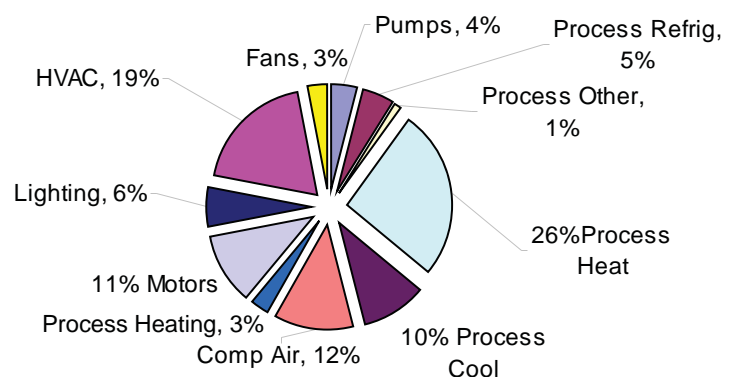
- Potential Energy Savings of 50% or more
- Less Energy Consumption Equals Improved Bottom Line
- Lower Operation and Maintenance Costs
- Government Legislation
- "Green" Corporate Initiatives
- Utility Incentives
- Tax Incentives/EPACT 2005



## Energy Reduction Opportunities

### ***Largest Energy Consumers***

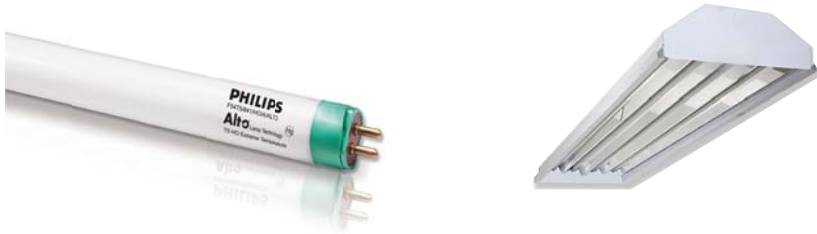
- Process Heating and Cooling
- HVAC
- Compressed Air
- Motors
- Boiler Upgrades



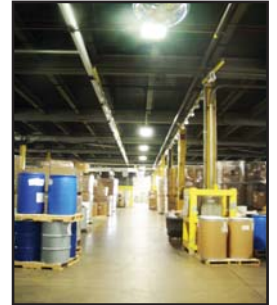
# Lighting Solutions

## Retrofit Solutions

- Free Energy Audits to Determine Energy Saving Lighting Opportunities
- Trade Ally of all Area Utilities
- Rebates Also Available for Lamp Changeout to Energy Saving Alternatives
- All Major Manufacturers Represented
- Hazardous Location Solutions
- Food and Beverage Application Solutions



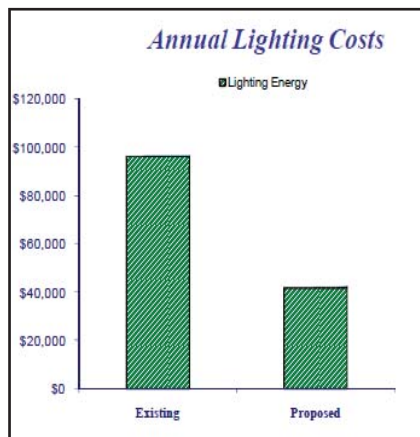
Before and After Photos



## Turnkey Project Management

- Able to Manage Lighting Retrofit Project from Audit to Installation
- Will Submit All Paperwork for Local Utility Rebates
- Able to Submit Paperwork for Local, State and Federal Funds that Apply For Non-profit and Government Facility
- Network of Approved Energy Service Contractors Available for Installation

Annual Lighting Energy Savings	\$ 54,404
Annual Lamp Maint. Savings	\$ 3,056
Annual AC Savings	\$ -
<b>Total Annual Savings</b>	<b>\$ 57,460</b>
Total Project Investment	\$ 126,737
Utility Incentive	\$ 23,625
Estimated Tax Benefit	\$ 52,500
<b>Net Project Investment</b>	<b>\$ 50,612</b>
Project Payback Period (Years)	0.88
Return on Investment	114%



## LED and Lighting Control Design

- Monitoring All Recent Developments Regarding LED Technology and Latest Improvements in Lighting Control
- Interior and Exterior Solutions
- Photocell, Timeclocks, Daylight Harvesting and Remote Monitoring
- Substantial Maintenance Labor Savings with Long Life LED Solutions





# Green Solutions

## Recycling

### **Lighting**

- Fluorescent
- HID
- Ballasts
- Coated Lamps
- Broken or Crushed Lamps



### **Other Products**

- Medical Waste
- Computer E-Waste
- Batteries
- Industrial Electronic Equipment



## Future Energy Solutions

Revere is Working With Vendor Partners and Your Utility to Develop the "Future" Energy Efficient Green Solutions.

### **Compressed Air Studies**

- Air Studies Available to Identify Inefficiencies in Compressed Air Systems.
- Utility Rebates Available to Pay For Cost of Study and System Improvements.

### **Electric Car Charging Stations**

- Revere Working With all Major Manufacturers of Car Charging Stations

### **Co-Gen/Energy Assurance Solutions**

- Solar, Generators, Wind, Geothermal

### **Energy and Waste Heat Recovery**

- Solutions for Industrial Processes

### **Boiler Upgrades**

- Rebates Available for Improving Efficiency of Your Boilers

### **HVAC Solutions**

- Minor improvements to your HVAC System can mean major energy savings.



# Motors/Power Quality/Power Monitoring/Motion Solutions

## Motors and Drives Solutions

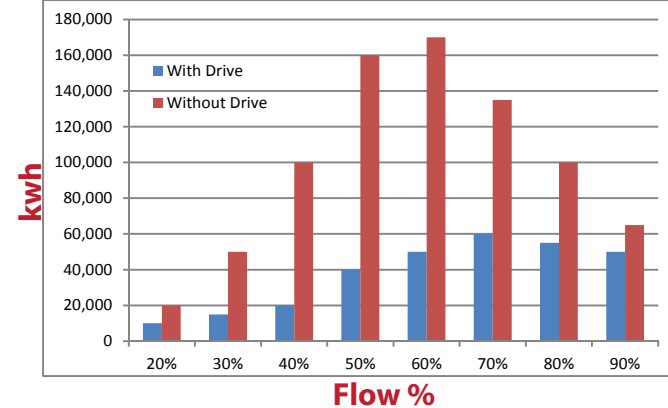
- Full Offering of Motors, Drives and Gearbox Solutions

### Variable Frequency Drives (VFDs)

- Utility Rebate Incentive up to \$60/HP
- Typical 6-18 Month ROI
- 40% - 70% Energy Savings
- Increases Life of Motors by Reducing Wear
- Enables Communication Integration with All Major Automation and Building Management Systems
- Revere Electric Offers Free Service to Provide ROI Analysis Report
- Compressed Air Application Solutions
- Cooling Towers, Fans, Pumps are all Applications that can Benefit from VFDs

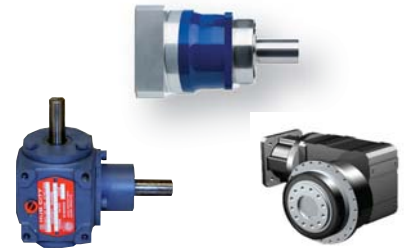


Annual Energy Required



## Gearboxes

- High-Efficiency Gearboxes 40% More Efficient
- Reduce Energy Cost by Up to 40%
- Increased Torque Density and Efficiency Allows for Downsizing Motors
- Less Heat Losses Increase Overall System Life
- Fewer SKU'S Allows for Inventory Reduction



## Revere Power Management/Power Quality Solutions

- Identifying Energy Usage Allows you to Begin the Process of Managing Your Energy Usage
- Possible Solutions: Utility Shadowing, Cost Allocation, Power Factor Correction
- Product Offering From Simple Point of Use Monitors to Fully Integrated Enterprise Wide Solutions with Multiple IT Options.
- High Efficiency Nema Premium Transformers
- UPS Available up to 20MVA are 99% Efficient and Provide Substantial Energy Savings



## Revere Motion Solutions

- Pneumatic/Hydraulic Conversion to Electric Actuation Lowers Energy Use, Eliminates Leaks and Provides Monitoring and Communication Capability
- More Precise Control with Electric for Smooth Acceleration/Deceleration with Additional Positioning Capabilities
- Maintenance Free
- Simplified Design Offers Overall Part Reduction





Revere Electric Supply is a family owned, fourth generation full-line electrical distributor. We are a local market leader with national influence that serves Northern and Central Illinois, Milwaukee and surrounding Milwaukee counties. Our goal is simple: to provide quality customer service and offer quality products and services to our customers.



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