

## Energy Efficient Industrial Electrical Upgrades Checklist

### Focus on Energy Efficiency

- NEMA Premium motors
- Variable Frequency Drives/Adjustable Speed Drives
- NEMA TP-1 transformers
- Reduced-voltage starters
- Electrical generation and solar power systems

### Focus on Lighting & Lighting Control

- Intelligent lighting control systems
- Lighting control panels
- Dimmers and occupancy sensors
- Energy-efficient T8/T5 lamps and fixtures
- Compact Fluorescent Lights (CFL) lamps
- Electronic dimming ballasts
- Timeclocks and photocontrols
- Light Emitting Diode (LED) lamps and exit/emergency lights
- Shatter-resistant lighting

### Focus on Power Distribution

- Power & energy management systems
- Integrated panelboards
- Integrated switchboards
- Paralleling switchgear
- Power factor capacitors and filters
- Uninterruptible Power Systems (UPS)
- Busway/power bus
- Submetering equipment and software

### Focus on Automation, Control & Communications

- Automated power management systems
- Diagnostics monitoring systems
- Wireless plant control
- Power over ethernet systems
- Fiber optic cables
- Wire and cable with flame retardant insulation
- Data Centers

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