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Energy Efficient Commercial Electrical Upgrades Checklist

Focus on Power Distribution

- Building power & energy management systems
- Integrated panelboards
- Paralleling switchgear
- Integrated switchboards
- Submetering equipment and software
- Uninterruptible Power Systems (UPS)
- NEMA Premium energy-efficient motors
- ASDs /VFDs motor control drives
- Electrical generation and Solar power systems
- Busway /Power bus
- Power factor correction capacitors and filters
- NEMA TP-1 transformers
- Ethernet /IP-based power monitoring

Focus on Lighting & Lighting Control

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

Focus on Building Automation & Communications

- Building automation systems
- Integrated facilities controls
- Wireless control systems and VoIP
- Enclosures with cooling
- Fiber optic cables
- Wire and cable with flame retardant insulation
- Data Centers

