

# **Electrical Service**

## **Building Construction**

- Preconstruction Consulting
- New Construction
- Building Additions, Remodeling and Rewiring
- Facility Shut Down
- Design-Build
- Meter Panel Upgrades
- Single Phase 120/240 , 3 Phase 120/208 & 277/480 High Volt Service
- Installation and Repair
- TVSS and Surge Protection Systems
- Underground Services

## **Cabling**

- Surveillance
- Telephone and Data
- Fire and Security Systems
- Fiber Optics
- CCTV and Card Access Systems

## **Generators**

- Installation
- Maintenance

## **Inspections**

- Code/Safety Electrical Inspections
- Energy Saving Audits

## **Lighting**

- New Lighting
- Retrofit Lighting
- Landscape Lighting
- Parking Lot Lighting
- Commercial Specialty Lighting
- Maintenance and Repair

## **Material Handling**

- Conveyors
- Robotics
- Maintenance and Repair

## **Motors and Drives**

Variable Frequency Drives  
Motor Troubleshooting  
Maintenance and Repair

### **Name Tags and Labels**

Custom Thermal Printed Tags and Labels with Many Styles, Materials and Colors

### **Power Data Logging**

Load Studies  
Energy Assessments  
Power Quality Analysis

### **Process Controls**

Manufacturing Machines  
Processing Plants  
Machine Upgrades  
Field Control Wiring  
Switchgear and MCC (Motor Control Centers)  
PLC (Programmable Logic Controllers)/ HMI (Human Machine Interaction)/  
SCADA (Supervisory Control and Data Acquisition) Systems  
Relay or Computer Logic

### **Product Line Heat Tracing**

Complete Installation, From Layout to Design to Completion  
User-friendly Heat Trace Control Panels  
Troubleshooting  
Maintenance and Repair

### **Thermal Imaging**

Preventative Maintenance  
Infrared Inspection

### **Custom UL Control Panels**

Design-Build  
Fabrication  
Installation  
Custom Enclosures  
Repair and Maintenance

### **Uninterruptible Power Supply Systems**

Installation  
Maintenance

## **Commercial electrical services**

- Office lighting and power distribution
- Data cable installation and telephone wiring
- Lamp Replacement for Offices and Shops
- Energy efficient systems
- Fire Optic Cabling
- Fire Alarm Systems
- Emergency lighting Systems
- Emergency Standby Systems
- Uninterruptible Power Systems

## **Industrial electrical services**

- Service Installations for 200A – 4000 A;120V – 480V
- 3 Phase commercial circuit faults
- Predictive testing and Maintenance
- Switch gear Testing
- Engineering and Design
- Cable tray systems
- Diagnostic Testing
- Dedicated Circuits and cabling
- Certification
- Electrical design, installation and maintenance
- Emergency light installation and maintenance
- Fault finding and repairs
- Preventive Maintenance
- Power analysis
- Low voltage lighting
- Panel building and process controls
- Test and inspections
- Three phase distribution
- Warehouse/factory lighting

## **General Services**

- Commercial Service Upgrades
- Exterior Lot Lighting and Repairs
- Commercial Wiring
- Commercial Lighting
- Motor Repairs and Replacements

Commercial Phone Wiring  
Data and Computer Wiring  
Commercial Backup Generators  
Alarm Systems and Smoke Detectors  
Industrial Electric Services

**Rapid Emergency Response**

Equipment Troubleshooting and Electrical Repairs  
Service Upgrades  
Equipment Power and Computer Circuits  
Emergency Generator Capabilities  
Emergency Parts Procurement

**Commonly Provided Services**

Commercial installation and repair  
Indoor lighting systems  
Outdoor and landscape lighting systems  
General Electrical Maintenance and Repair  
Code Compliance Studies and Upgrades

**Power Service**

Grounding Upgrade  
  
Lightning Protection  
Facility Services  
Electrical Renovations  
UPS Installation and Maintenance  
Power Quality Metering