



## Power System Services



### Power System Engineering

- Power System Consultation
- Power System Audits
- Power System Studies
  - Protective Device Coordination
  - Short Circuit/Load Flow Analysis
  - Power Factor Correction
  - Harmonics Analysis
  - Transient Analysis
  - Power Quality
  - Optimization Analysis

### Substation Engineering

- Substation Design
- Substation Upgrades
- New, Used or Remanufactured Substation Equipment
- Custom Substation Equipment
- Substation Equipment
- Project Management

### Substation/Switchgear Services

- Emergency - 24/7 Service
- All Switchgear Manufacturers
- Custom Preventative Maintenance Programs
- Shutdown/Outage Maintenance
- Thermographic Inspection & Analysis
- Cleaning
- Full Testing
  - Relays
  - Switches
  - High Current Injection
  - Cables
  - Bus Work
  - Transformers
  - Network Protectors

### On-Site Bus Fabrication

- Shear, Bend, Punch
- Custom Design
- Epoxy Coated Bus Available

### Transformer Services

- Transformer Consultation
  - Power
  - Arc Furnace
  - Reactor
  - Regulating
- Transformer Upgrades
- Transformer Dress Out
- Power Transformer Projects
- Oil Analysis
- Complete Transformer Testing
- Preventative Maintenance
- Failure Analysis
- Tap Changer Service

### Circuit Breakers

- Low/Medium Voltage Repair/Refurbish
- Low Voltage Trip Unit Retrofits
- Medium Voltage Vacuum Conversions
- Low and Medium Voltage Starter Services
- Air to Vacuum Starter Conversions
- Motor Control Center Refurbishment
- Circuit Breaker Failure Analysis
- Customized Training Programs
- Parts Supplier
- Power Circuit Breakers (Oil, Air, SF6)



1-800-837-1614

24/7 Emergency Service

ISO 9001:2000