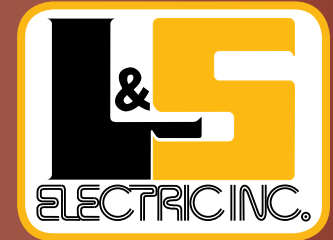


# Power Services



Dedicated People, Quality  
Products, and Above All, Service.

Our Power Service groups provide complete service for all power system components, regardless of voltage. Our services include troubleshooting, commissioning, turnkey installation, repair, calibration, testing, and system design, all to ensure reliability and efficiency for energy users throughout a variety of industries.

With total on-site and in-shop services available 24/7, L&S Electric is your complete source for all your power service needs.

## Power Systems

- Engineering services & studies:
  - Arc flash
  - Short circuit
  - Coordination
  - Load flow
  - Ground grid
  - Power quality
- Project & on-site management
  - Low/medium/high voltage substations
  - Generating plants & switchyards
- System protection
- Utility substation commissioning
- Mobile substations
- System start-up & training

## Switchgear, Circuit Breakers, & Disconnects

- New & obsolete parts support
- Retrofits & rebuilds
- Inspection & cleaning
- Primary & secondary current injection
- Solid-state breaker trip conversions
- Air break & vacuum conversions

## Comprehensive Motor Winding Analysis

- Meggar, PI., hi-pot, surge
- Advanced non-destructive motor circuit testing

## Protective Relays

- Installation, testing, & commissioning
  - Generators & motors
    - 2 & 3 terminal lines
    - Feeder protection
    - Utility & industrial
    - Electromechanical/solid-state/microprocessor
  - Upgrade & retrofit
    - Distribution
    - Transmission
    - Generation
    - Motor
  - Technical design & support
  - Component support

## Transformer Services

- Complete Electrical Transformer Testing Services
- Oil & Gas Analysis
- Complete dress-out
- Repair
  - Oil processing
  - Retrofills
  - Leak repair
  - Bushing repair
  - Load/no-load tap changers
- Replacement parts & services

## Thermographic Surveys

- Complete system surveys & detailed reports

## Ultrasonic Testing

- Corona, steam, air leak detection

## AC/DC Drive Repair & Maintenance

## Plant Shut-Down Switchgear Service



www.lselectric.com

**SCHOFIELD**  
715.359.3155 or 800.283.8332

**DULUTH**  
218.729.3375 or 800.943.9549

**APPLETON**  
920.730.0203 or 800.283.5564

**MENOMINEE**  
906.864.2500 or 800.864.2507

**STURTEVANT**  
262.886.1875 or 800.367.7676

**MINNEAPOLIS**  
763.780.3234 or 800.290.9320

**ROTHSCHILD**  
715.359.3155 or 800.283.8332

**HYDRO SOLUTIONS**  
715.359.3155 or 800.283.8332