L&S Electric offers many services: in-shop and on-site rotating apparatus repair, power services, reliability services, new equipment sales, rail repair services, hydro controls, and control panel manufacturing.

Rotating Apparatus Repair
- Motor and generator repair
  - Motors and generators to 15,000 HP
  - AC/DC, wound rotor, and synchronous motors
- Mechanical repair services
  - Pumps, valves, gearboxes, and blowers
  - Motorized pulleys
  - Machine shop services

On-Site Rotating Apparatus Services
- Motor/generator repair, rewinding, testing, and reconditioning
- Rigging, millwright, and crane services
- Base modifications and fabrication
- Babbitt bearing inspections
- Dry ice cleaning
- In-place rewinding
- Installation, replacement, removal, installation and commissioning
- Laser alignment
- Motor and generator testing
- Slip ring and commutator turning and maintenance
- Turnkey services
- Vibration analysis
- EL CID testing
- High voltage generator and motor testing

Power Services
- Switchgear, circuit breaker, and disconnect service
- Power distribution system engineering and installation
- Arc flash analysis
- Transformer service
- Protective relays
- AC/DC drive repairs
- Motor winding analysis
- Thermographic surveys
- Ultrasonic testing
- In-house printed circuit board repair

Reliability Services
- Predictive and mechanical maintenance
- Vibration analysis programs
- Motor current signature analysis
- DC motor brush surveys
- Electro-static discharge testing
- Ultrasonic wall-thickness surveys
- Ultrasonic compressed air leak surveys
- Corrective services
  - On-site dynamic balancing
  - Laser shaft alignment
  - Laser belt pulley alignment
  - In-place slip ring turning
- Specialized analysis work
  - Root cause bearing failure analysis
  - Laser vibrometer readings
  - Multi-channel real-time vibration analysis
  - Operation deflection shape analysis
  - Sound level analysis
  - Provision/installation of permanently mounted transducers

Rail Repair Services
- Rail auxiliary equipment repair
  - Cooling fans
  - AC/DC auxiliary generators
  - Dynamic brake grid blowers
  - Traction motor blowers
  - Inertial blowers
- Truck and Combo Repair Services
  - Complete locomotive truck rebuilds
  - Traction motor combo inspection
  - Gearbox inspection
- Wheel and axle services
- Traction Motor Services:
  - EMD D77, D78, D87, D90, and GE752
  - Traction motor re-qualification with complete frame inspection
  - Field and interpole coil replacement
  - Vacuum pressure impregnation of armature and field windings
- Main Generator and Alternator
  - New equipment sales for alternator slip ring assemblies
  - EMD D12, D15, D22, D25, and D32 generators
  - AR10, AR11, AR17, AR20, TA17, and TA22 alternators
  - GE GT581 generators, GE192, GE197 alternators
  - Complete rewind of stator and rotor assembly
  - VPI of all windings
- New equipment sales for alternator slip ring assemblies

New Product Sales
- Dozens of manufacturers represented
- Motors, controls, AC/DC drives, motor accessories, gearing products, transformers, and switchgear.

Hydro Solutions
- Hydroelectric control systems
- Hydraulic governors
- Industrial automation
- Control panel design and manufacturing
- Power, SCADA, and excitation system engineering
- Steam turbine governors and control systems