Field Services
- Electrical system trouble shooting and repair
- Plant shutdown services
- Preventive maintenance
- Low/medium/high voltage circuit breaker testing
- Ground fault testing
- Ground resistance testing
- Motor vibration analysis
- Motor surge comparison testing
- Variable speed drives testing
- Rotating apparatus testing
- Transfer switch testing

- Time travel analysis
- Insulating oil filtration
- Relay tests and calibration
- Meter calibration
- Infrared and ultrasonic detection
- Fiber optic testing
- Line disturbance analysis
- Harmonic and power quality measurements
- Voltage/load recording
- Load bank testing
- Magnetic field (EMF) testing and mitigation
- Insulation resistance testing
- Doble power factor testing
- Impedance testing
- Turns ratio testing
- Insulating fluid sampling and analysis
- Insulating fluid filtration
- Transformer vacuum filling and commissioning
- Transformer repair and maintenance
- Enerscan™
- Cable fault location
- Online partial discharge testing
- High potential testing
- Communication cable testing
- Arc Flash assessments

Equipment Startup
- Installation, startup and commissioning
- Acceptance testing
- Commissioning plan development
- Performance baselining
- Code compliance evaluation

Predictive Maintenance
- Oil analysis
- Thermography
- Ultrasonics
- Online partial discharge testing

Education and Certification
- Skills assessment/development planning
- Onsite and classroom courses
- Computer-based and self-paced learning
- Certification to recognized industry standards

LIFE-EXTENSION SERVICES
- Modernization of outdated and underrated equipment
- Circuit breaker retrofit/rebuild (static trip, vacuum, oil, SF₆) of low/medium voltage equipment
- Fused switches, retrofit of low/medium voltage
- Static exciter retrofit
- Solid state protective relay retrofit
- Automatic transfer switch retrofit and upgrades
- Replacement parts

Assets Served
- Generating stations, substations
- Transformers, PDU's
- Switchgear, circuit breakers, panelboards
- Relays, meters, protective devices
- Drives, motors, starters
- Transmission, distribution and DC systems
- UPS, batteries, generators, automatic transfer switches
- Cables
- Grounding
Connecticut
Wallingford Area Service Center
150 North Plains Industrial Road
Wallingford, Connecticut 06492
PH: (203) 949-2650
FAX: (203) 949-2646

Illinois
Chicago Area Service Center
941 Busse Road
Elk Grove Village, IL 60007
PH: (847) 640-0005
FAX: (847) 640-0004

Indiana
Indianapolis Area Service Center
8320 Brookville Road, Suite E
Indianapolis, IN 46239
PH: (317) 322-2055
FAX: (317) 322-2056

Maryland
Baltimore Area Service Center
PH: (410) 309-5970
FAX: (410) 309-0220

Massachusetts
Boston Area Service Center
24 Walpole Park South, Suite 3
Walpole, MA 02081
PH: (508) 668-9205
FAX: (508) 668-2142

Michigan
Detroit Area Service Center
24371 Catherine Industrial Drive, Suite 207
Novi, Michigan 48375
PH: (248) 305-5596
FAX: (248) 305-5579

New York
New York Area Service Center
1250 Broadway, Suite 2300
New York, NY 10001
PH: (212) 239-0359

Ohio
Cincinnati/Kentucky Area Service Center
PH: (859) 371-5355
FAX: (859) 371-5399

Wisconsin
Milwaukee Area Service Center
3000 S. Calhoun Road
New Berlin, Wisconsin 53151
PH: (262) 784-3680
FAX: (262) 784-5124

Pennsylvania
Pittsburgh Area Service Center
355 Vista Park Drive
Pittsburgh, PA 15205
PH: (412) 747-0550
FAX: (412) 747-0554

Philadelphia Area Service Center
PH: (800) 619-0032

Rely on Emerson’s High Voltage Maintenance team to deliver the most complete solutions for electrical system reliability and safety. From testing for problems that could disable your system, to complete turnaround execution, you’ll quickly understand how we are your single source solution for all of your electrical reliability needs. With a network of 14 service locations, High Voltage Maintenance’s electrical service team puts experienced professionals where you need them, when you need them. We’ll help you build reliability programs from the beginning to get your process or plant moving toward maximum capacity and minimal risk of unexpected delays.