

# Directory of Locations and Services

24-Hour Emergency Service



## Electrical Tests:

- High potential testing
- Cable fault location
- Ground fault testing
- Ground resistance testing
- Fall-of-potential testing
- Point-to-point testing
- Breaker time travel analysis
- Meter calibration
- Line disturbance analysis
- Voltage/load recording
- Contact resistance testing
- Insulation resistance testing
- Insulation power factor testing
- Primary and secondary current injection testing
- Frequency response analysis
- Protective system functional testing
- End-to-end testing
- Standby and emergency system testing
- Partial discharge online and offline testing
- Very low frequency (VLF) testing
- Transformer turns ratio testing
- Winding resistance testing
- Dielectric withstand voltage testing
- Excitation/current testing
- Polarity testing
- Ultrasonic testing
- Infrared testing
- Oil/insulating fluid analysis
- Battery capacity testing
- Impedance testing
- Load testing
- Magnetic field (EMF) testing
- Motor surge comparison testing

## Project Services

- Commissioning services
- Retro/Recommissioning
- LEED Commissioning
- Acceptance testing
- Startup services
- Project management
- Installation services
- Integrated systems testing
- Electrical engineering
- Performance baselining

## Maintenance Services

### Preventive Maintenance

- Turnaround and outage support
- Periodic inspection, cleaning and lubrication
- Electrical testing
- Calibration services
- Insulating fluid filtration
- Transformer vacuum filling and commissioning

### Predictive Maintenance

- Partial discharge testing
- Infrared/thermography
- Ultrasonics
- Oil/Fluid analysis
- Enerscan

### Corrective Maintenance

- Troubleshooting
- Repair services
- Spare parts

### Maintenance Management

- Maintenance planning
- Program development
- Outage planning
- Method of procedures (MOP) development

## Engineering Services

- Single/three-line diagrams
- Short circuit/coordination study
- Arc flash study
- Power quality/harmonics
- Load flow analysis

- Power factor study
- Grounding study
- Power system study
- Relay design and integration
- System logic and control settings
- Fault analysis/troubleshooting

## Equipment Upgrades & Replacements

- Turnkey relay retrofits, upgrades and replacements
- Circuit breaker retrofits/upgrades
- Battery replacements
- Direct replacement breakers

## Compliance Services

- NERC compliance programs
- OSHA/NFPA compliance programs
- OSHA safety training
- Arc flash compliance services
- Code/conformity compliance

## Educational Services

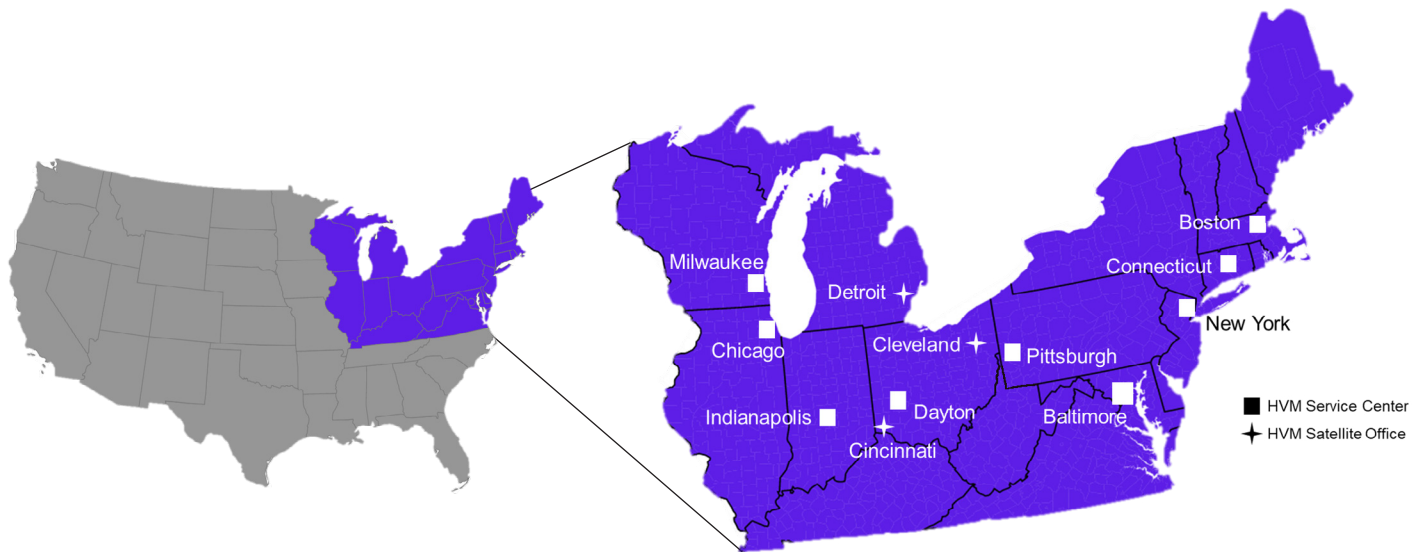
- Specialized equipment training
- Safety training
- Safety audits
- Skill and training needs assessment
- Safety documentation
- Policy and procedure development

## Service Management & Support

- Customer resolution center
- 24x7 emergency response
- Disaster recovery services

## Assets Served:

- Generating stations, substations
- Transformers, PDUs
- Switchgear, circuit breakers, panelboards
- Relays, meters, protective devices
- Drives, motors, starters
- Transmission, distribution and DC systems
- Batteries, generators, automatic transfer switches
- Cables
- Grounding



## Directory of Locations

Rely on High Voltage Maintenance's 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 your electrical reliability needs. With a network of 12 locations, High Voltage Maintenance's electrical service team puts experienced professionals where you need them, when you need them.

### Connecticut

Connecticut Area Service Center  
29 Diana Court  
Cheshire, CT 06410  
PH: (203) 949-2650

### Illinois

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

### Indiana

Indianapolis Area Service Center  
1052 S.Greenwood Springs Blvd.  
Suite E  
Greenwood, IN 46143  
PH: (317) 322-2055  
FAX: (317) 322-2056

### Maryland

Baltimore Area Service Center  
7380 Coca Cola Drive, Suites 112-113  
Hanover, MD 21076  
PH: (410) 309-5970

### 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 Satellite Office  
PH: (866) 486-8326

### New York

New York Area Service Center  
1 Penn Plaza, Suite 1500  
New York, NY 10119  
PH: (718) 239-0359

### Ohio

Cincinnati/Kentucky Satellite Office  
PH: (859) 371-5355  
  
Cleveland Area Satellite Office  
PH: (440) 346-1410

Dayton Area Service Center  
5100 Energy Drive  
Dayton, OH 45414  
PH: (937) 278-0811

### Pennsylvania

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

### Wisconsin

Milwaukee Area Service Center  
3000 S. Calhoun Road  
New Berlin, WI 53151  
PH: (262) 784-3660  
FAX: (262) 784-5124

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