



High Voltage Maintenance & Technical Services

# Electrical Testing, Maintenance, Repair & Engineering

Serving Power Generation, Utility, University, Hospital, and Industrial Clients Since 1996

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An InterNational Electrical Testing Association Accredited Company



## MAINTENANCE, TESTING, INSPECTION & REPAIRS:

### Facility Related Services

- Complete Substation Maintenance
- Grounding System Testing
- Infrared Thermography
- Switchgear and Motor Controls
- NYS PSC Certified Meter Service Provider

### Transformers

- Start-up & Commissioning
- Insulating Fluid Testing, Evaluation, Filtering & Dehydration
- Doble Insulation Power Factor & SFRA Testing
- Load Tap Changer Repair
- Voltage Regulators
- Bushing Replacements
- Leak Repairs & Regasketing

### Protective Relays

- Testing and Calibration
- Upgrades & Retrofits

### Switches

- Air, Vacuum, SF6 & Oil Insulated

### Circuit Breakers

- Testing, Maintenance & Repair
- Medium Voltage
  - OCB, SF6, Vacuum, GIS
- Low Voltage
- Upgrades
- Solid State Trip Unit Retrofits
- All Manufacturers & Types

### Cables

- Hipot Testing
- Underground Cable, Fault and Facilities Locating
- Ultrasonic Corona Detection
- Terminations and Stress Cones

### Fiber Optics

- OTDR Testing
- Terminations
- Fusion Splicing

### Wind / Renewable Energy Services

- Start-up & Commissioning
- Testing, Maintenance & Repair

## ENGINEERING SERVICES:

### Studies

- Arc Flash, Short Circuit & Protective Device Coordination Studies
- Power Quality & Disturbance Analysis
- Power Factor Correction
- Harmonic Surveys & Analysis
- Load Flow Studies
- NERC Compliance Review
- Metering & Electric Bill Verification

### Training Services

- Electrical Safety Programs
- Equipment Maintenance
- Arc Flash Training
- Custom On-Site Programs

### Turnkey Projects/Design Build

- Substation Design
- System Upgrades & Retrofits
- Emergency Repairs & Upgrades
- Equipment Specifications for Bids
- Project Management
- Commissioning Plan Development & Administration

### Drafting

- AutoCad & Microstation
- One Line & 3 Line Drawings
- Elementary & Logic Drawings
- Panel Layout Drawings
- Site & Ground Grid Layouts

**24 - HOUR EMERGENCY SERVICE • CALL 800-926-7795**