Substation Services

Full Service for Substations from 69 KV to 765 KV

Our Technicians utilize the latest equipment and techniques to provide accurate state of the art results for new and used electrical equipment.

- Complete Substation Maintenance, Testing, Repair, Start-up & Commissioning
- Power Transformer Testing:
  - Power Factor, TTR, Winding Resistance, SFRA
- CT and PT Testing
- Bushing Cleaning, Testing and Repair
- Load Tap Changer Service and Maintenance
- Corona Detection Camera and Mitigation
- Switchgear and Motor Controls
- Bushing Tests & Cleaning
- CT & PT Test / Maintenance
- Relay Calibration & SCADA

- SF6, Vacuum and Air Circuit Breaker Testing and Repair
- Cable Repair and Splicing – Underground and Overhead
- Cable Testing – Hi-Pot, VLF, and Tan-Delta
- Station Battery and UPS System Testing
- SF6 Leak Detection – Laser, Sniffer, Halogen
- Infrared/Thermography
- Mobile Oil Dehydration and Treatment – Transformers, OCBs, LTCs
- Relay Calibration, Testing, and Commissioning
- SF6 Power Breakers – Live and Dead Tank
- Oil Circuit Breakers
- Grounding System Installation and Testing
- Transmission Line Installation and Repair
- Motor Operated Switches
- GIS Welding and Additions
- Bus Welding and Extensions

24/7 call 877-912-9102 or visit www.saberpower.com
Complete Service of Power Transformers and Load tap Changers including Testing, Start-up and Commissioning, Maintenance, Repair, Dehydration, Upgrades, Diagnostic Work and Changeouts. No Job Too Large or Too Small – We service from small Low Voltage Padmounts to 765 KV Power Transformers.

- Oil Testing / Analysis / Processing
- Full Haul, Rig, Set, Assemble, and Vacuum Fill Capabilities
- Power Factor Testing – Windings & Bushings
- Transformer Turns Ratio TTR
- Sweep Frequency Response Analysis – SFRA
- CT Test – Ratio, Polarity, Saturation
- Induced High Voltage
- Impedance Test
- Winding Resistance, Excitation, Insulation
- Load Tap Changer Service & Repair
- Acoustic/Ultrasonic Detection of Partial Discharge
- Bushing Replacements
- Fuller's earth Oil Reconditioning
- Retrofit Old LTC with New Vacuum-Arcing LTC
- Leak Repairs / Regasketing
- Gauge and Meter Repair/Replacement
- Hot Oil Treatment
- D-Sludging
- Dehydration / Degassing
- Repair to Original Specifications
- PCB Changeouts
- Fault Analysis
- Pressure Clamping
- Dissolved Gas Analysis
- Valves Replaced and Added
- Infrared Scanning
- Fluid Retrofills – Biodegradable
- Transformer Cleaning and Painting
- Maintenance Agreements
- Increased Capacity – Added Fans, Cooling
- Increased Cooling – Added Circulation Pump/Filters
- Control Upgrades and Communications Added
- Online System Monitoring and Control
- Transformer Painting and Encapsulation

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