

SETCO

Substation Electrical Testing Company



Welcome to Substation Electrical Testing Company

SETCO is an independent third-party testing firm that is dedicated to providing our business partners with safe, reliable, and cost-effective solutions for their electrical power distribution system, 24 hours a day.

Service Offerings

- Acceptance Testing
- Maintenance Testing
- Substation Services
- Inspections
- Infrared Scanning
- Ultra-Sonic Detection
- Fluid and Laboratory Analysis (Transformer Oil Samples)

Engineering Services

- Short Circuit and Coordination Studies
- Arc Flash Hazard Analysis
- Load Flow Studies
- Power Monitoring
- Power Quality Surveys
- Harmonic Studies

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Testing and Preventive Maintenance

Cable Testing	Low, Medium, and High Voltage Breakers
Grounding Systems	Medium Voltage Air, Oil and Vacuum Breakers
Liquid and Dry Type Transformers	SF6 Breaker Testing and Gas Analysis
Low and Medium Voltage Switchgear	Electro-Mechanical and Solid-State Relaying
Low, Medium, and High Voltage Switches	Low and Medium Voltage Motor Starters

Other Services

Transformer Filtration and Repairs	Cable Splicing and Terminations
Installation Supervision	Turn-Key Installation of Unit Substations
Project Management	Circuit Breaker Reconditioning &
Specialized Training Programs	Retrofits

Maintenance & Testing Intervals (Months)

Equipment	Visual	Visual & Mechanical	Visual, Mechanical & Electrical
Switchgear	12	12	24
Large Dry-Type Transformers	1	12	24
Liquid-Filled Transformers	1	12	24
Transformer Fluid Analysis	-	-	12
Low & Medium Voltage Cables	2	12	36
Low Voltage Switches	2	12	36
Medium Voltage Switches	1	12	24
Low & Medium Voltage Breakers	1	12	36
High Voltage Breakers	1	12	24
Protective Relays	1	12	24
Motor Starters	2	12	24
Adjustable Speed Drives	1	12	24
Batteries & Charging System	1	12	12
Surge Arrestors	2	12	24
Capacitors	1	12	24