Circuit Breaker Level III
(Medium Voltage)


Medium-voltage (1000 V to 38 KV AC) vacuum and air circuit breakers

Annual - Circuit Breaker Inspection and Maintenance
- Perform circuit breaker visual and mechanical inspections (clean and check for loose or damaged parts, lubricate and exercise the mechanisms and check for tolerance)
- Verify control and trip settings
- Measure resistance across contacts when closed
- Measure insulation resistance phase to phase and phase to ground

Biennial - Vacuum Breakers
- Test vacuum bottle integrity with DC Hi-pot tester

Triennial – Air Breakers
- Test contacts with DC Hi-pot tester

Customer Report Provided:
- Documentation to include completed checklist of service performed with recommendations for any areas requiring additional service
- Complete analysis of data collected, benchmarked to NETA Standards