

**Autologic Power Distribution projects:**

General

- 07-065 – Fault, coordination, equipment evaluation/specification for commercial facility
- 07-027 – Fault, coordination, equipment evaluation/specification for commercial facility
- 06-179 – Grounding design for paper mill
- 07-042 – Power Monitoring for tobacco industry
- 10-101 – Power Distribution SCADA specifications for government facility

Mining

- 05-061 – Specify 200-500 HP 480 V VFDs
- 04-071 – Specify Ground Fault equipment
- 02-044 – Design of 10 MVA (34.5kV through 480 V) distribution system with fault, coordination, equipment evaluation/specification, OH, UG, and trailing cable distribution
- 08-106 – Surge Suppression
- 06-116 – Specify Line Reactor
- 06-022 – Specify Drive Ground Devices, NGR and Ground Check
- 05-115 – Mining Unit Service Move
- 05-089 – Mining Unit Service Move
- 04-095 – Grounding Design
- 04-065 – 4160 V J-Box Spec

**Other Autologic employee Power Distribution experience:**

- Nuclear Navy Instructor at Prototype Training for reactor and electrical systems. Instructed upcoming qualifying students in the best practices for operation and maintenance of all reactor electrical systems.
- Nuclear Navy reactor operations Electrical Operator (Bring Turbine generators, Diesel Generator, Motor generators online, parallel, maintain and shift KW load. Maintain all Electrical control equipment for reactor systems).
- Nuclear Navy reactor maintenance including Switchgear, Breaker maintenance, MG sets, Turbine generators, Motor generators, Diesel generator, Battery and DC system, 480V 60hz and 480V 400 HZ systems.
- Maintenance of 450 MW generation plant including boilers.
- Protective relay testing on three generation plants from 20 MW to 450 MW.
- Breaker testing and calibration of 480 V, 4160 V, and 13.8 kV on standard, vacuum and SF6 breakers.

- Performed testing on Ampguard 4160V starters. Types of testing included micro-ohm contact tests, contact clearance, trip and reset functions, reclosing functions, protective tripping and ground fault protection testing on MCC hardware.
- PT & CT testing and maintenance including repair or replacement.
- Transformer maintenance including oil samples, resistance testing, N2 blanket monitoring and insulator cleaning.
- Maintenance of lightning protection and CO2 fire protection systems for gas turbine enclosures.
- Stone Container Hopewell plant wide fault and coordination, equipment specification
- Honeywell Chesterfield plant wide fault and coordination, equipment specification
- Specification of distribution lighting protection
- Specification of 4160 V regulation load tap changing transformers
- Specification of 4160 V motor starters and motor protectors
- Specification of backup generation and UPS systems