

SANDHILLS UTILITY SERVICES, LLC**FORT BRAGG, NC**

Job Title:	Generator Switchgear/Relay Technician
Position Type:	Full Time – Non-Exempt
Department: Technical Services	Reports to: Director – Technical Services

Job Purpose:

Currently, we are seeking an experienced and qualified Generator Switchgear/Relay Technician. This candidate will perform the work associated with the installation, testing, inspection, calibration, and repair of all system protection devices, equipment (microprocessor based and electronic relays, circuits, protective controls, switchboards, and other switchgear/substation equipment), breaker maintenance and testing, generator controls, and transfer switch controls. This is a field service position in which technicians visit different sites daily to perform routine inspections, preventative maintenance, troubleshooting, and repairs. A strong background with generator controls is preferred, and practical field experience is necessary.

Duties:

- Safely maintain, troubleshoot, and repair generator set control systems in a field environment with minimal supervision.
- Perform relay maintenance, inspections, and calibration
- Breaker testing, maintenance, and setup
- Transfer switch controls maintenance and inspections
- Perform generator load bank and transfer testing.
- Use electrical testing and calibration equipment.
- Interact with customers in a professional and courteous manner.
- Create and maintain reports manually and electronically.

Skills/Qualifications:

- Minimum of a 2 year Associate degree in a related field, 7 years of real world job experience, or a combination of the two is required.
- Demonstrate a working knowledge of electrical, mechanical, and control systems, including programmable logic controls, and other controls associated with power generation systems.
- Able to read and understand schematic diagrams.
- Ability to utilize a relay test set to prove protective device settings. Familiarity with Doble Protest, SEL AcSElerator, Cummins InPower, and CAT E-tool is a plus.
- Possess all the troubleshooting, diagnosing and repair capabilities of a highly-skilled, professional technician involving diesel engines, generators, engine governors, generator and engine controls, and electrical power switching mechanisms and their controls.
- Proficient and well versed with emergency and paralleling switchgear.
- Thorough knowledge of AC & DC electrical circuitry and fundamentals.
- Familiar with industry standards for safe work procedures, including NFPA 70E, and proper utilization of personal protective equipment (PPE).
- Knowledge of techniques in handling, transporting, and disposing of hazardous materials.
- Interpret electrical and mechanical drawings, one line diagrams, and schematics.
- Effectively communicate with others with good written, verbal, and listening skills.
- Strong proficiency with computers, including Windows operating system and Microsoft Office products.
- Willingness to work with others, learning and teaching new skills and abilities.
- Some overnight travel may be expected.
- Must work all major inclement weather events.

Physical Requirements: Must be able to perform the essential functions of the position.

Special Requirements: Must have a valid North Carolina Driver's License and pass Drug Screening