

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

Job Title: System Planning Engineer	Engineering Department
Position Type:	Full Time/Exempt
Reports to:	Engineering Manager

Job Purpose:

This position will perform all distribution modeling studies, load studies, voltage drop, capacitor placement, load balance, feeder optimization, and fault current analysis for a distribution power system. Distribution modeling and design of integrated micro grids, with renewable energy and distributed generation is a primary focus. Work with engineering and operations staff for estimating and design of capital upgrade projects. Practical field experience is necessary.

Duties:

- The Planning Engineer is responsible for annual updates to a Five-Year Annual Service Plan (ASP). The ASP includes five-year capital improvement plan, load balance, feeder optimization, and fault current analysis and periodic studies. The ASP also include the System Inventory and Valuation.
- Responsible for Coordination Studies and management and implementation of protection schemes at feeder and substation level equipment.
- Capable of monitoring and managing the efficient utilization of micro grids integrated with the distribution system, establishing standards and reporting results of renewable energy and distributed generation.
- Organize semi-annual and periodic presentations to provide updates of the distribution system and planned upgrades.
- Manage the construction and record unit for overhead and underground assemblies.
- Some overnight travel is expected.

Skills/Qualifications:

Minimum Requirements:

- Electrical Engineer (B.S. Electrical Engineering) or Professional Engineer with System Planning Experience
- Familiar with Milsoft WindMil Engineering Analysis software or similar Engineering Analysis modeling software
- Familiar with Milsoft LightTable TCC Analysis software or similar software for coordination analysis
- Trained in ESRI and utility staking software, and Microsoft Project software.
- Experience with SCADA systems for collecting and analyzing data for modeling software
- Experience with micro grids with both renewable and distributed generation
- Ability to communicate effectively, both written and verbally

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, and pass background screening.

Other Duties: This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Interested candidates should submit a completed resume, cover letter, and application to kbrown@sandhillutility.com or Kathy Brown, Human Resources, PO Box 72858, Fort Bragg, NC 28307