



Electrical Analysis Engineer

The Electrical Analysis Engineer is a position reporting to the Substation Project Engineer. This position will be required to generate electrical system analysis and reports using analysis software. The position requires a strong interest in power systems and design and analysis of electrical systems.

PRIMARY DUTIES & RESPONSIBILITIES:

- Perform power system engineering analysis and power quality analysis of utility electric power systems in the areas of protective coordination, arc flash, design improvements of high- and medium-voltage electrical distribution systems, product application, power factor correction, harmonics, and transient switching.
- Perform electrical design and calculations for various electrical power, communication and control systems involved with electrical substation projects
- Knowledge of North American codes and standards such as IEEE and ANSI including knowledge of NERC and FERC

POSITION QUALIFICATIONS

- Bachelor's degree in Electrical Engineering
- Minimum 4 years of analysis of protection and control systems
- Work experience with power systems design; electric power systems studies, including short-circuit, protective coordination, load flow, motor starting, and arc flash hazard analysis
- Professional PE registration is preferred
- Experience with SCADA systems is preferred
- Extensive experience with ETAP software is required, other equivalent software experience will be entertained
- Experience with protective relay settings is preferred
- Excellent interpersonal skills as well as verbal and written communications skills
- Ability to work collaboratively with individuals at many levels in the organization in a team environment

POSITION REQUIREMENTS

- Valid driver's license required.
- Software experience: MS Office, AutoCAD, ETAP
- Primary Location: Arnold, Missouri.