

Job ID:	294DJ
Job Title:	Senior Electrical Design Engineer
Degree Requirements:	BSEE, MSEE, or EE required or EET with switchgear field experience
Years of Experience:	Minimum of 5 to 7 years
Type of Position:	Direct Hire
Location:	Multiple locations
Salary Range:	BOE
Travel Required:	Heavy Travel

Short Description:

A respected engineering power firm has multiple opportunities for a Senior Electrical Design Engineer to oversee multiple switchgear projects at substations throughout the northern United States. The engineer is responsible for the entire project from beginning to end. To ensure that all standard practices and procedures are met, the engineer will be onsite reviewing job specifications and changes, developing the design for the application, assisting with the execution of the job and working with project management to coordinate needed equipment and laborers needed for projects. The engineer will provide technical and sales support as needed. The specialist will work 4 – 10 hour days. The company does cover travel expenses for the position. The engineer is expected to work at a single location from 6 to 9 months then move to the next location.

MUST HAVE REQUIREMENTS for this position are:

- BSME or BSEE “Electrical Power” required, or EET with a high level of switchgear field experience
- Minimum of 5 to 7 years design engineering on primary power distribution systems and related protection and control schemes
- Must have a good working knowledge of AutoCAD, MD Project, and MS Office
- Experience installing and testing switchgear
- Experience operating switchgear test equipment
- Experience bus repair and modification
- Experience in designing switchgear and components
- Switchgear upgrade experience (retrofit, retrofit, conversion) including motor control centers and circuit breakers 600V through 35kV is preferred
- Must have strong problem solving skills and be able to carry out written and oral instructions
- Must be able to conduct walkthroughs of job sites
- To supervise installation of equipment
- Must be proficient with DC control schematics and AC-3-line schematics
- Must be proficient with metering configuration
- Required to trade customers on newly installed equipment
- Required to design parts for both mechanical and electrical systems

If you meet these requirements and wish to be considered for this position, send your résumé to us in a Word document at [Resumes AT PinnaclePlacementGroup.com](http://ResumesATPinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email.

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

KEY WORDS: substation engineer, primary voltage, secondary voltage, southern company, ASCO Power Technologies, GE, VPFR series, MGM TRANSFORMER, ProGlass Incorporated, Switchgear Pro, Virginia Transformer, technibus, 3 phase voltage, substation, transfer switch, contactor, EET, SEL, AVO Certified, NETA, NICET, high voltage relay, AEP, American Electric Power, autoCAD, MS Project, switchgear, transmission voltage, BSME, BSEE, Primary Power