

SGC Engineering

Sr. Substation Electrical Engineer

Description:

We are seeking a Senior Substation Electrical Engineer for our expanding utility consulting services business. This highly motivated and qualified individual will perform design work on high voltage electrical substation projects. In addition to this, may work with/ supervise/ coordinate the work of other engineers assigned to electrical projects. The list of possible duties includes those noted below as well as other opportunities that may arise. Typical clients are Electric Utilities and other Independent Power Generators. The position is available in any of our four Maine offices: Westbrook, Augusta, Bangor or Presque Isle.

Job duties include:

- Substation planning, design and construction phases.
- Substation engineering in the areas of: protective relaying, system planning, short circuit studies, power flow studies, design and testing, equipment specification and procurement
- Manage generation interconnections with utilities
- Construction observation and reporting.
- Project Management (as a component of design effort) to include:
- Planning and alternative assessment
- Construction cost estimating
- Construction bid management
- Work flow management
- Client interface and reporting
- Project accounting including bid effort cost tracking
- Marketing and Business Development to current and new Clients

Requirements:

Must have a BS in Electrical Engineering and be a registered PE. A minimum of 10 years' experience in an electric utility company, high voltage engineering consulting firm serving electric utilities, or other related work environment designing high voltage transmission facilities is required. Demonstrated ability to apply intensive and diversified knowledge of principles and practices to broad areas of assignment. Ability to handle multiple projects simultaneously.

Expertise in the design of wood and steel pole structures is required. Experience with lattice tower design is a plus. Experience with HVDC design is a plus. Excellent written and oral communications skills. Proficiency in PLS-CADD and AutoCAD.

To apply for this position, please email your cover letter and resume to Human Resources at HR@sgceng.com