

Senior Project Engineer

Location: Alpharetta, Georgia

About Fluence

Fluence, a Siemens and AES company, is the leading global energy storage technology solutions and services company that combines the agility of a fast-growing technology company with the expertise, vision, and financial backing of two industry powerhouses. Building on the pioneering work of AES Energy Storage and Siemens energy storage, Fluence's goal is to create a more sustainable future by transforming the way we power our world. The company offers proven energy storage technology solutions designed to address the diverse needs and challenges of customers in a rapidly transforming energy landscape, providing design, delivery and integration in over 160 countries. Fluence works closely with customers throughout their journey and provides advisory, financing, and project lifecycle services.

Key Responsibilities Include

- Design and develop Single line diagrams, Schematics, Wiring diagrams for Battery storage systems
- Develop Short circuit, Load Flow and Arc Flash documentation using ETAP, or SKM Electrical Programs
- Resource Management and Planning
- Quality control of all deliverables within the scope of Electrical
- Interface with Project Management and Client and liaise with other project discipline
- Prepare Electrical Equipment Specifications, Data Sheets, Purchase Requisitions and Bid evaluations for inverters, Switchgear, Transformers and other electrical equipment as required. Review Vendor Documents
- Assist in preparation of power system cost estimates and defining scopes of work for project design and study proposals
- Build internal and external relationships with key suppliers, customers and internal & external service providers or contractors
- Work with electrical engineers, technologists and designers to provide electrical design and deliverables to a variety of projects
- Prepare electrical designs, calculations and bills of material

Key Qualifications

- Prefer 15 to 25 years' experience with design of Power Systems for Utility installations, Solar plant, Battery Storage or Cogen Plant power
- Previous experience (>10years) in Electrical design in the field of Consulting or EPC Engineering in North America
- Perform Electrical Design duties associated with project scope of work
- Develop Single Line diagrams, Schematics, UG system, and cable schedules
- Experience with the Electrical System design, System Studies, Relay Coordination, Protection & Control
- Knowledge and Experience using some of the following applications: Excel; Word; Power System Study programs ETAP, SKM
- Knowledge of grounding practice, design and study
- Familiarity with applicable codes, standards and regulations used in North American Electrical power & process industries
- Battery storage, PV plant or thermal plant power systems work is a plus.
- Liaise with other project disciplines
- Be flexible with the ability to manage change
- Highly developed communication skills, both written and verbal
- Excellent interpersonal skills with the ability to work with clients and staff in a team environment
- Must be able to work independently or with minimal supervision and still meet commitment deadlines
- Good organizational skills, writing skills, presentation and communication skills
- Willing to travel up to 20%

Qualified candidates are requested to submit a resume and cover letter at careers@fluenceenergy.com

Fluence **IS AN EQUAL OPPORTUNITY EMPLOYER** and fully subscribes to the principles of Equal Employment Opportunity, to ensure that all applicants and employees are considered for hire, promotion, and job status without regard to race, color, religion, sex, national origin, age, disability, sexual orientation, marital or familial status.