FLUENCE
A Siemens and AES Company

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fluenceenergy.com

Senior Electrical Engineer

Location: Manila, Philippines

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.

Job Description

Reporting to the Engineering Manager, the **Sr**. **Electrical Engineer** provides technical analysis and engineering support for the assessment and development of BESS generation projects. Supports the client in interfacing, collaboration with Independent System Operator (ISO) and Transmission System Operator (TSO) representatives.to ensure complete system compliance. Provides senior-level engineering, consultation and design support for all BESS projects. Responsible for working with the organizations Project Engineers, Commissioning Engineers/Field Engineers to develop and drive design standardization with respect to the BESS Power Systems.

Duties and Responsibilities

- Work closely with the Business Development team to ensure they are meeting/delivering the most complete and cost-effective proposals for potential future projects.
- Develop and maintain design standards, templates and tools for the BESS Power System.
- Develop and maintain standard equipment specifications for bulk DC/AC Power System Components – HV substations, MV switchgears, MV & HV transformers, MV conductors, LV conductors.

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- Develop and maintain standardized protection and control scheme methodology for MV collection system and HV utility network coordination.
- Responsible for the development, implementation and modelling of a system level positive sequence load flow model (PSLF, PSSE) for utility scale grid interactive inverter systems in collaboration with BOP contractor.
- Works directly with external consultants to provide engineering details and design to support large generation interconnection documentation and budgeting.

Experience and Educational Requirements

- DC/AC Power Systems Design & Engineering with 5+ years of experience
- In-depth knowledge and project design experience with Power System Protection
- Working experience with utility grid operation, load flow studies, transmission planning and knowledge of feasibility, system impact and facility studies
- Discrete working knowledge of applicable local code (PEC), international codes (NEC, IEC) and NGCP, ERC, DOE standards and policy.
- Strong technical writing skills for the development of design standards and specifications.
- BSEE.

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

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.