

Senior Engineer – Energy Storage

Location: Alpharetta, Georgia

Position Overview

Seeking a candidate to develop solutions for packaged inverter and electrical balance of system (eBoS) solutions for Energy storage plants utilizing the latest concepts for alternative distributed and centralized power generation. The successful candidate will be joining our Engineering team with Electrical Solutions in the Alpharetta Office.

The candidate must have 5 - 10 years of combined experience and skills in product and solutions development for complex projects. Prefer someone with an Electrical Engineering background, focused on power systems or power electronics, and is comfortable generating the complete electrical energy storage design.

The position requires good time management skills, interacting with resources in a matrix organization and will be managing several development activities simultaneously.

Education:

Bachelor's Degree in related discipline, or advanced degree, where required, or equivalent combination of education and experience

Years Related Work Experience: 5-10+ years

Responsibilities

The candidate will be primarily responsible for application engineering and development of integrated alternative distributed and centralized energy storage system in utility applications. The responsibilities will include selection and sizing of the product line with an alternative energy solutions mix.

The candidate will also be responsible to drive the product lifecycle development and critical design review process to execute the development activities on time and within budget.

Solutions Cover:

- Battery storage systems
- AC eBoP packages for centralized PV systems
- Hybrid energy storage systems
- Distribution transformers
- Step-up transformers
- Equipment in containerized solution
- Cooling systems – HVAC and forced air

- Balance of System (BoS)
- Communication interfaces (Modbus, TCP/IP, Profinet, Profibus, OPC, webmonitor)
- Substations and Switchgear
- Grounding

Required Knowledge/Skills, Education, and Experience

- Bachelors Degree, Electrical Engineering preferred, other engineering degrees will be considered.
- Minimum 5 years experience with electrical solutions such as, but not limited to, LV and MV switchgear, MCCs, GSU and Aux Transformers, Protection Systems, Ground grid, Inverters, breakers, DC distribution, UPS systems, bus ducts, panel boards, switchboards, communication network, PLCs, and related equipment.
- Excellent English verbal and written communication skills.
- Applicants will have held specific technical functions such as field service engineer, project engineer, application engineer, etc. for an OEM company, EPC or A&E.

Preferred Knowledge/Skills, Education, and Experience

- Project engineering
- Product development
- Product testing
- Solutions development
- Strong team orientation
- Self-motivated to produce high quality results within the time allocated, with limited supervision
- Advanced user of MS Word, Excel, Visio, and Project
- Modeling tools such as SKM, or ETAP
- Applicants must have ability to travel to support Sales Team, vendor testing, and commissioning, needs at customer sites in North America and Canada

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

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