

Electrical Engineer – Product Design

Location: (Arlington or remote)

ABOUT FLUENCE

Fluence, a Siemens and AES company, is the global market leader in energy storage technology solutions and services. Fluence is creating a more sustainable future by combining the agility of a technology company with the expertise and vision of two respected industry giants.

OUR CULTURE AND VALUES

We are a start up with a purpose to transform the way we power our world. It requires creativity, diversity of ideas and backgrounds, and building trust to effect change and move with speed.

We are Leading

Fluence currently has 2.4 gigawatts of projects in operation or awarded across 24 countries and territories worldwide—and we are growing every day.

We are Responsible

Fluence is defined by its unwavering commitment to safety, quality, and integrity.

We are Agile

We achieve our goals and meet our customer's needs by cultivating curiosity, adaptability, and self-reflection in our teams.

We are Fun

We value the diversity in thought and experience of our coworkers and customers. Through honest, forthcoming, and respectful communications we work to ensure that Fluence is an inclusive and welcoming environment for all.

ABOUT THE POSITION

The key roles and responsibilities for the Electrical Engineer include:

- Develop electrical design of Fluence battery system products from conceptual stage to final design, testing, and manufacturing while meeting difficult requirements for size, environmental conditions, maintainability, reliability, long lifetime, and cost.
- Define design, construction, operation and maintenance goals for products.
- Acquire in-depth knowledge of industry standards related to safe battery storage system design, including both CE and UL standards. Review system-level compliance to these standards and support Fluence process to complete third-party certification when required.
- Develop sections of product testing plans related to validation of system level hardware design.
- Build critical relationships and leveraging expertise and capabilities from inside and outside the organization to deliver results and create value.
- Develop and maintain electrical drawings for components and products.
- Manage external resources such as consultants or test labs in testing various aspects of the product such as short circuit testing and arc flash testing.
- Collaborate with other teams including Mechanical Engineering, Software Development, Logistics,
- Provide engineering expertise to Procurement team in identifying new suppliers.
- Work with our Product / Sourcing teams and our vendors to ensure product design can be commercialized for production to meet our business objectives.
- Provide technical consultation to other departments and colleagues.
- Support RCAs and change management based on feedback from project commissioning and service teams.
- Demonstrate Fluence Values

What will our ideal candidate bring to Fluence?

- Bachelors' or Masters' degree in Electrical Engineering or similar
- 5+ years industry experience, background in renewable energy systems, power conversion, energy storage, PV or similar field is preferred.
- Experience in low voltage electrical system design, with ability to analyze electrical design challenges from an engineering fundamentals perspective
- Takes individual initiative and works with minimal supervision while being a collaborative team player. Possesses sound business judgment.
- Has excellent English verbal and writing skills.
- Comprehension of practical applications of engineering science and technology.
- Strong problem-solving skills.

- Strong communication skills, both verbal and written.
- Ability to travel up to 20% of time (trips to suppliers, customers, and occasionally to projects).

APPLY

Fluence uses LinkedIn Talent Hub to manage our recruitment process. To be considered for this and all roles at the company, applicants must apply directly on LinkedIn [here](#).

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, veteran status, sexual orientation, marital or familial status.