

Lead Electrical Engineer, Energy Storage

Location: (Arlington or Continental US)

ABOUT FLUENCE

Fluence, a Siemens and AES company, is the global market leader in energy storage technology solutions and services, combining the agility of a technology company with the expertise, vision and financial backing of two well-established and respected industry giants. Building on the pioneering work of AES Energy Storage and Siemens energy storage, our goal is to create a more sustainable future by transforming the way we power our world. Providing design, delivery and integration, Fluence offers proven energy storage technology solutions that address the diverse needs and challenges of customers in a rapidly transforming energy landscape.

Fluence currently has more than 2.4 gigawatts of projects in operation or awarded across 24 countries and territories worldwide. We topped the Navigant Research utility-scale energy storage leaderboard in 2018 and were named one of Fast Company's Most Innovative Companies in 2019. In 2020, our sixth-generation Tech Stack won Commercial Technology of the Year at the 22nd annual S&P Global Platts Global Energy Awards.

Leading

Do others come to you for your subject matter expertise? Are you excited by the challenge of working in a start-up atmosphere with a purpose?

The Lead Electrical Engineer will play a critical role in helping Fluence deliver the next generation of energy storage technology through its Gridstack product.

Responsible

Fluence is defined by its unwavering commitment to safety, quality, and integrity. We take personal ownership in what we do, developing trust in our relationships with internal and external stakeholders. We firmly believe in having honest, forthcoming, and fair communications.

The key roles and responsibilities for the Lead Electrical Engineer include:

- Develop and maintain detailed system design documents providing guidelines and requirements to Fluence project delivery team on system design. These documents include design aspects such as ground fault detection, surge suppression, E-

shutdown, isolation points, and overcurrent protection, as well as system-level details and limitations for different models of batteries and inverters. Create or manage other resources in developing electrical and mechanical drawings when necessary.

- 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.
- Support RCAs and change management based on feedback from project commissioning and service teams.

Agile

Here at Fluence, we strive to continuously improve, be intellectually curious and be adaptive to our customers and employee's needs. Collaboration is key, both in our partnerships with our customers, and with each other. Fluence prioritizes the most critical efforts that allow for the greatest impact.

- Bachelors' or Masters' degree in Electrical Engineering or similar
- 10+ years industry experience, with background in renewable energy systems, power conversion, energy storage, PV, power systems control, or similar field
- Experience in low voltage electrical system design, with ability to analyze electrical design challenges from an engineering fundamentals perspective
- 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).

Fun

Working on transforming a fundamental part of our society is exciting and fulfilling. It requires creativity, diversity of ideas and backgrounds, and building trust to effect change and move with speed. We respect our coworkers and customers. We listen to what others have to say, and we are inclusive.

GET IN TOUCH

Please send your resume and cover letter to 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, veteran status, sexual orientation, marital or familial status.