

Senior Reliability Engineer

Location: Arlington VA, 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? Fluence is seeking a Sr. Reliability Engineer to be a critical contributor to the success of our systems by providing reliability engineering subject matter expertise.

As a leader you will:

- Be responsible for building up the Reliability engineering program at Fluence
- Plans, develops, implements, and manages reliability on assigned programs over their life cycle.
- Plans and coordinate's reliability tests and evaluations, analyzes system failures and inadequacies, and ensures adequacy of efforts related to root cause corrective action.

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. In this role you will:

- Create the Reliability Engineering Programs and policies at Fluence
- Evaluate design efforts to ensure all appropriate analyses such as failure modes, effects, and criticality analysis, thermal and stress finite element analyses, circuit analysis, and tolerance analyses have been conducted, and that parts de-rating has been properly applied.
- Ensure adequacy of all reliability test plans
- Evaluate engineering change proposals and waivers/deviations for their impact on product integrity.
- Manage Reliability KPIs and reports the status of KPIs and initiatives to Executive leadership team
- Work closely with other engineering disciplines in an integrated team environment while managing all aspects of reliability for an embedded system.
- Provide quantitative reliability inputs to various initiatives based on reliability theory, including the impacts of the selected technology, applied stresses, quality, redundancy, temperature, wear-out, and environmental impacts and operational life cycle material fatigue analysis for platforms.
- This position will have direct reports assigned to him/her in FY22

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.

- Bachelor's degree in engineering required. Advanced degree or certification in a relevant subject area preferred
- 10+ years relevant experience
- Self-starter- highly motivated
- Strong verbal and written communication skills required
- Detailed oriented
- Problem solving skills
- Energy Storage knowledge preferred but not required

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.

This position will report directly to the Global Safety and Quality Director. This position, although out of the USA, will be working with team members around the globe. This position is a remote position, but we may ask you to travel to the Arlington VA office 25% of the time. There may be some international travel needed. No more than 10% international travel.

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.