

Battery Management System Engineer

Location: (Arlington, VA, flexible)

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?

In this role you will be responsible for the development of our Battery Management System (BMS) supplier to Fluence requirements. You will be responsible for BMS requirements, manage supplier validation, and work with system level controls team to ensure the successful integration of the BMS in the Fluence system, both a technical leader and project manager. You will be a member of a team focused on specification and evaluation of supplier developed systems and components and their integration into Fluence stationary energy storage systems and be both a technical leader and project manager.

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.

- Responsible for hardware and software requirements documents, working with Sales, Engineering, Project Management and Product teams.
- Lead and Manage supplier development including design reviews.
- Manage and coordinate development and validation testing.
- Work with project/product management to track and maintain schedule.
- Develop a deep understanding of supplier ecosystem and solutions to be able to manage and communicate technical risks to the broader Fluence team.
- Travel as needed up to 25% with exceptions for pandemic conditions.

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.

- B.S. in Engineering
- 7+ years in design and development of high voltage battery systems.
- Strong knowledge of system engineering principles.
- Technical knowledge in designing HV BMS hardware and controls.
- Experience with requirements management and test tracking tools. (Jira, Jama, Doors, TestRail, etc.)
- Experience in and knowledge of Agile development methods.
- Ability to utilize data and statistical analyses to make design decisions.
- Strong technical communication skills.
- Passion for batteries, sharing know-how, and learning from others.

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.

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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.