

Lead Product Engineer, Energy Storage & Solar Integration

Location: Arlington VA

About Fluence

Fluence, a Siemens and AES company, is the leading global energy storage technology solutions and services company that combines the agility of a fast-growing technology company with the expertise, vision, and financial backing of two industry powerhouses. Building on the pioneering work of AES Energy Storage and Siemens energy storage, Fluence's goal is to create a more sustainable future by transforming the way we power our world. The company offers proven energy storage technology solutions designed to address the diverse needs and challenges of customers in a rapidly transforming energy landscape, providing design, delivery and integration in over 160 countries. Fluence works closely with customers throughout their journey and provides advisory, financing, and project lifecycle services.

Job Description

This role will be directly involved in the product development engineering of integrated utility-scale solar+energy storage solutions as part of Fluence's suite of energy storage platforms. Our technology platforms are the foundation of the complete energy storage solutions we deliver to customers. Major responsibilities to include:

- Perform system-level product design of integrated energy storage+solar solutions being developed at Fluence
- Develop subsystem specifications and assist in selecting major subsystem vendors
- Analyze multiple product configurations to make major decisions about product architecture
- Evaluate new technologies and contribute to the development of long term product roadmap
- Collaborate with third party engineering firms in the development of certain aspects of product solutions
- Approximately up to 30% global travel may be necessary

Qualifications

The preferred candidate will have a background in product development and in electrical engineering or systems engineering with a minimum of an undergraduate degree and 4-10 years of experience. Experience in the solar and/or energy storage space is strongly preferred.

- Experience taking a leading or supporting role in product development in the renewables or storage industry
- Experience with Systems Engineering, Electrical Engineering, or Controls Engineering for integrated DC/AC electrical systems, especially for solar, battery storage, or microgrids
- Experience developing energy management system software code or functional requirements
- Knowledge of utility grid interconnection standards in the U.S. or abroad, such as UL/IEEE standards and local interconnection requirements
- Familiarity with DC/AC or DC/DC converter design; some past experience designing or modeling power conversion devices is a plus
- Knowledge or history of working with major component suppliers in the solar or battery storage industry, such as inverters, PV panels, or lithium ion battery modules
- Possesses an entrepreneurial drive for getting things done and a “whatever it takes” attitude.
- Has excellent English verbal and writing skills, additional languages or international work experience is a plus.

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

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, sexual orientation, marital or familial status.