

Energy Storage Commissioning Engineer

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

Fluence seeks an Energy Storage Commissioning Engineer to drive energy storage project commissioning and to support project delivery.

The Energy Storage Commissioning Engineer will

- Commission Fluence Projects working in cooperation with multiple project stakeholders including Fluence construction managers, contractors, suppliers, telecommunication teams, control systems teams, etc.
- Develop and execute commissioning plans including resourcing and scheduling.
- Lead commissioning effort to achieve commercial operations, and handover from delivery/construction team to the O&M team for each project.
- Define, develop and execute testing protocols based on market rules, local utility requirements, off-taker and third-party supply contracts
- Oversee complete commissioning and acceptance testing of the following systems: 1) project networks, communications, and control systems; 2) balance of plant relay protection, metering, HVAC, fire suppression, and electrical systems; 3) battery subsystem; 4) inverter subsystem;
- Perform electricity market and/or off-taker qualification testing as required for the project to commence commercial operations.

Qualifications

- Undergraduate degree in electrical engineering with least four year's professional work experience in related field, such as construction, commissioning, project management, performance testing, and troubleshooting.
- Knowledge and experience with SCADA protocols such as: IEC60870-5-101/-103/104, IEC 61850 MMS, DNP3 & Modbus.
- Working knowledge on PLC (Siemens S7 & Allen Bradley ControlLogix PLC), soft logic IEC 61131, SEL Relays & Meters, Siemens Relays & Meters & SCADA Gateways & Data Concentrators.
- Experience with Managed Ethernet Switches, Media Converters (Fiber & Serial).
- Proven success on challenging projects where you made key contributions while demonstrating ownership, creativity, and initiative.
- Demonstrated ability and interest in engineering design; ability to write specifications and work plans for others to implement.
- Passion for your work, and communication skills such that your passion motivates colleagues, clients, suppliers, and contractors.
- Effective in a collaborative yet informally structured work environment. Desire to take responsibility and initiative. Proven capability in managing contractors and working in a matrix organization on fast moving projects.
- Solid skills on MS Word, Excel, PowerPoint, and Outlook.

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.