

Energy Storage Commissioning Engineer

Location: (Remote-Continental United States)

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

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 Energy Storage Commissioning Engineer will:

- Commission Fluence Projects working in cooperation with multiple project stakeholders including Fluence construction managers, contractors, suppliers, automation teams, control systems teams, etc.
- Develop and execute commissioning plans including resourcing and scheduling.
- Lead commissioning efforts 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 industry-accepted practices, 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 subsystems; 4) inverter subsystems.

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. Ideal candidates have:

- An undergraduate degree in a related engineering field with 2 to 4 years of professional work experience in a related field, such as industrial/utility construction, commissioning, project management, performance testing, and troubleshooting.
- A willingness and ability to manage commissioning at field locations located domestically and internationally. Must be willing to accept work assignments that require extensive (>90%) overnight travel from home, including weekends and holidays.
- Experience providing effective remote technical support as needed to other commissioning teams.
- Hands on field experience in an electric utility-scale or process-heavy industrial environment, including but not limited to equipment and instrumentation acceptance testing, performance testing, troubleshooting, installation, startup/shutdowns, commissioning, and turnarounds.
- Proven success on challenging projects where you made key contributions while demonstrating ownership, creativity, and initiative.
- Demonstrate 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.
- Desire to learn new skills, business applications and equipment platforms.

- Able to manage multiple overlapping projects. Manage and resolve scheduling conflicts with key stakeholders. Delegate and manage workload of the site commissioning team. Identifies skill gaps and scheduling concerns in precommissioning to identify and manage those required resources.
- 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.

Preferred Experience:

- Experience managing teams of engineers or technicians in the electric power industry, or similar field.
- 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).
- Knowledge of the design, operation and maintenance of high voltage electrical equipment including but not limited to inverters, transformers, controllers.

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.