

## Product Design: Structural Engineer

Location: (Arlington or remote)

### 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 22<sup>nd</sup> 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?

The Structural Engineer will be critical in helping Fluence deploy the next generation of energy storage technology. The Structural Engineer will be part of the battery enclosure design team and will be responsible for design verification and compliance of the battery enclosure and its subcomponents to transportation, seismic, wind/snow loading, and other structural requirements and standards.

### 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.

- Develop design specifications for battery module racking structures, battery enclosures, telco enclosures and other similar products.
- Evaluate product compliance to seismic, transportation, wind/snow loading, and other structural requirements and standards.
- Collaborate with the design team to provide a well-coordinated and high-quality set of structural drawings and installation instructions (i.e. anchoring, lift plan)
- Develop proposals, RFP responses and other marketing support activities
- Write and review all structural specifications applying all relevant design codes.
- Use structural engineering software, computer aided drafting, spreadsheets and hand calculations for the analysis, design, rating, etc. of structural components
- Produce written reports, review comment documents, meeting minutes, etc. related to structural capital, inspection and maintenance programs.
- Work with team to prepare engineering reports and details on existing and new products.
- Work within a team oriented environment to successfully complete projects within established budgets and deadlines.
- Coordinate with in-house professionals and sub consultants to complete all aspects of product design.

## 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.

- Bachelors' degree in Structural Engineering or similar.
- 5 years industry experience required (Utility, Wind, Solar, or Thermal energy equipment supplier).
- Previous Structural Engineering experience is strongly preferred.
- Candidates with S.E. or P.E. license preferred
- Strong organization and communication (written and verbal) skills.
- Self-driven
- Good technical writing skills.
- Ability to travel up to 25% of time.
- Demonstrated proficiency using MS Office Tools (Word, Excel, PowerPoint, Visio)
- Good problem-solving skills.
- Able to manage projects.
- Must possess a desire to take on tough and challenging projects.

## 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](mailto: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.