

Solution Engineering Lead Europe, Asia, Africa, and Australia (m/f)

Location: Erlangen, Germany

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 is seeking a lead practicing engineer to oversee its Germany based Solution Engineering group. The Solution Engineering group designs and specifies turn-key solutions using Siestorage, Advancion, and SunFlex energy storage platforms. The lead engineer for this team is responsible for assigning members of the team to complete energy storage system sizing and electrical balance of plant design as well as any unique, project specific, engineering requirements. The Solution Engineering team in Erlangen, Germany is responsible for projects in Europe, Asia, Africa, and Australia.

Fluence people work collaboratively across teams and reporting lines. Familiarity and comfort with working across time zones and cultures is also expected. The ability to manage multiple projects simultaneously is required.

Responsibilities

The candidate will be primarily responsible for engineering of integrated energy storage solutions in utility and commercial applications using the three primary technology platforms of Fluence: SieStorage, Advancion, and SunFlex. The responsibilities will include sizing of the energy storage solution, design and engineering of integration with existing systems, interconnection, power flow analysis, relay protection design, grounding system design, e-house design, and other engineering aspects of delivering a complete energy storage solution to commercial, industrial and utility customers.

In addition to technical responsibilities, the leader of the Solution Engineering team will be responsible for assignment of engineers to specific projects and tasks. The person in this role will also have budget and hiring responsibility and will plan for the ongoing development of the team.

Solution scope includes:

- Battery based, energy storage systems. Containerized and building based.
- Balance of Plant systems for energy storage and storage + solar solutions.
- Thermal power plant hybridization using Fluence energy storage platforms
- Interconnection solutions to both Transmission and Distribution systems
- E-house and battery containers
- Cooling systems
- Communication interfaces (Ethernet, TCP/IP, Modbus, Modbus TCP, Profinet, Profibus, OPC)
- Protection schemes
- Grounding systems

Qualifications

The candidate must have at least 10 to 15 years of relevant hands-on experience in engineering solutions for complex power projects. An Electrical Engineering background, focused on power systems or power electronics, is strongly preferred. Additional experience with control systems and/or mechanical engineering is a plus. The candidate should be comfortable generating complete electrical energy storage

system designs and will act as a resource to other members of the engineering team on technical matters. Previous leadership responsibilities in a technical role are a prerequisite.

How to get in touch – easy and direct

fluenceenergy.com

If you want to learn more about this exciting opportunity, please feel free to contact Martina Franz: +49 (1520) 4812639; martina.franz@fluenceenergy.com

We attach importance to equal opportunities and are happy to receive applications from people with disabilities