

**Date Posted:** 07/5/2023  
**Hiring Supervisor:** Scott Wood  
**Position Status:** Salaried  
**Location:** Lewisville, TX  
**Job Classification:** Power Systems Field Engineer  
**Relocation Benefits:** No Relocation Benefits Provided



**Job Description:**

ELM FieldSight provides unique solutions in Asset Monitoring and Control to their customers. Their suite of products includes:

- Microgrid controllers for energy systems that include generators, inverters, solar arrays, and batteries
- Battery Energy Storage Systems for home, commercial, and utility scale

For these different product lines, they are responsible for designing the system architecture, hardware selection, software development, configuring and installing systems, as well as the back-end web monitoring and database.

ELM FieldSight is looking to hire a Power Systems Field Engineer to help with the factory testing and field commissioning of their battery energy storage systems. The applicant should be able to learn how the basic equipment such as storage inverters, PV inverters, generators and battery systems work together and learn how to configure the equipment to meet the site-specific goals. This applicant would be responsible for:

- Factory Acceptance Testing multiple battery energy storage product lines
- Traveling to sites for field commissioning of systems and/or remotely supporting commissioning efforts
- Knowing basic power system fundamentals such as single/three-phase voltage, current, real and reactive power calculations
- Experience with CAT5 networking and Modbus protocols
- Familiar with measuring instruments such as multimeters, phase rotation meters, and insulation resistance tests
- Comfortable working with tools in a manufacturing and field environment including but not limited to: Torque wrenches, DC hi-pot testers, electrical wiring crimpers, and making basic wiring changes.
- Be able to read wiring schematics to aid in the checkout and troubleshooting of systems and be able to communicate issues to the project engineers if needed.
- Create documentation and testing plans for internal and external use

This position requires an understanding of electrical power distribution including low and medium voltage, transformer specifications and operations, and wiring to NEC code. This applicant must be familiar with a variety of the field's concepts, practices and procedures, rely on experience and judgment to plan and accomplish goals, and perform a variety of complicated tasks.

**Qualifications:**

- 2-5 years of relevant experience
- Engineering degree required
- Electrical Engineering degree is a plus
- Factory Testing or Commissioning experience
- Experience with AC/DC low voltage wiring and troubleshooting
- Ability to read and comprehend low voltage electrical diagrams
- Must have effective oral and written communication skills and work well with people
- Must be a self-motivator to create and coordinate their own tasks and goals with minimum supervision
- OSHA training and NFPA70E certification is a plus
- This job could require up to 50% travel
- Must pass a credit check, have active Driver's License, and ability to obtain a Passport

**Application Procedure:**

Please apply by emailing your resume or application to Scott Wood at [swood@elm-ess.com](mailto:swood@elm-ess.com)

See [www.elmmicrogrid.com](http://www.elmmicrogrid.com) for more information on who we are.

**WE ARE AN EQUAL OPPORTUNITY EMPLOYER**