

Technician, BESS Electrical

Location: Heathrow, FL / Hybrid / Remote

About Prevalon

Prevalon Energy LLC (Prevalon), a Mitsubishi Power Americas and EES joint venture, is a leading global energy storage technology and services company that is empowering companies to deploy flexible energy solutions and accelerate a more sustainable energy future.

With 10 years of global battery energy storage experience and over 4 GWh of utility-scale battery energy storage projects deployed, Prevalon develops an end-to-end integrated battery energy storage solution that delivers throughout the entire lifecycle of your project and ensures performance.

Working with our customers to develop a solution to meet the demands of their energy system today and into the future, we are grounded by the principles of commitment, reliability and expertise to guide our decision making, design philosophy, and relationship building.

Our Culture and Values

Responsibility

Safety is at the core of everything we do. From the well-being and health of people to the quality of the products we develop and implement, sustainability is the foundation of our operations. Our expertise guides our decision-making and design development, and lives at the core of our mission.

Community

People are the focus and heartbeat of what we do. We prioritize the well-being of our customers, employees, and communities we work with. Through teamwork, collaboration, and open communication, we work together to continuously innovate.

Innovation

We value and encourage creativity in the ways we work and are always forward thinking. We embrace diversity of thought and adapt to emerging trends and technologies. We recognize the importance of respecting traditions but not beholden by them.

Accountability

We are focused on taking responsibility and ownership for our actions and decisions. We deliver on promises in a transparent and reliable manner. We are accountable in our commitment to sustainable practices and products.

Job Summary

The BESS Electrical Technician will report to the Vice President of BESS Service and will be responsible for the operation, troubleshooting, maintenance, and repair of the Battery Energy Storage Systems. This role requires an extensive working knowledge of electrical systems, components, and BESS infrastructure. This position will be the lead on all electrical systems and should be able to direct a second tech as needed for support. This position is part of a BESS technician team and will require work as a second technician on HVAC/Cooling systems and following the direction of the HVAC lead as needed.

Essential Duties & Responsibilities

Essential duties and responsibilities include, but are not limited to the following:

- **Installation and Commissioning**
 - Install BESS components according to specifications provided.
 - Perform commissioning and configuration of newly installed BESS systems.
 - Perform tests to ensure proper and optimal operations.
- **Maintenance and Repair**
 - Conduct routine maintenance for optimal performance and ensure the safety of battery storage systems.
 - Diagnose and repair electrical deficiencies such as wiring, control systems, and safety devices.
 - Diagnose and repair electrical inverters. Training on specific technologies to be provided.
- **Safety and Compliance**
 - Adhere to all Prevalon safety procedures for high-voltage equipment.
 - Comply with all local, national, and industry standards and regulations. Including but not limited to NEC, NFPA and OSHA.
 - Routinely evaluate safety by conducting tests and inspections of electrical systems.
- **Monitoring and Troubleshooting**
 - Observe BESS systems through Prevalon and industry approved diagnostic equipment and systems.
 - Collaborate with project engineers and other technical team members to diagnose and repair electrical inefficiencies when required.

- **Documentation and Reporting**

- Document and maintain detailed records of all activities related to modification of electrical equipment. This includes, but is not limited to preventative maintenance, repairs, upgrades, and adjustments.

- Perform other related duties as assigned.

Knowledge, Skills, & Responsibilities

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Extensive knowledge of electrical and battery storage systems.
- Direct experience with high-power electrical systems and inverters.
- Working knowledge of SCADA systems and associated energy management software platforms.
- Strong understanding of OSHA and NFPA guidelines.

Education & Experience

- Minimum of 10 years as a licensed electrician required.
- Associate degree or certification in Electrical Engineering Technology, Renewable Energy, or a related field.
- Certification or training in high-voltage safety training is preferred.
- Certification in OSHA 10 or OSHA 30 preferred.
- First Aid/CPR certification preferred.
- Prevalon will provide system training for BESS container.

Physical Requirements & Work Environment

The physical demands and work environment characteristics described herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Must reside in Boise, Idaho.
- Must be willing to work predominantly outdoors in various work environments.
- Must be able to lift and move equipment up to 50 lbs.
- Minimum of 25% travel required.
- Must be willing to work “on-call”.
- Must have the ability to work with potentially hazardous and high-voltage equipment.
- Regular standing, bending, and reaching.
- Strict adherence to safety protocols is required.
- Use of personal protective equipment (PPE) when required.