PREVALON
A Mitsubishi Power Americas and EES Joint Venture

400 International Parkway, Suite 200
Heathrow, FL 32746
PrevalonEnergy.com

Vice President, Engineering

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.

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Job Summary

The Vice President of Engineering will serve as the operational and strategic anchor for Prevalon's tech and engineering organization. This role will own the end-to-end execution of the BESS platform roadmap, ensuring the current and next-generation product lines achieve market-leading performance, reliability, and Total Cost of Ownership (TCO).

While working in close partnership with the CTO (Chief Technology Officer), who focuses on long-horizon innovation and vanguard technologies, the VP of Engineering will assume full responsibility for the "engine room." This includes the design authority for the BESS hardware platform (Battery, PCS, Enclosure, MV collection, etc.), the rigor of the engineering process, and the day-to-day leadership of the development team. This is a high-impact role designed for a leader capable of scaling a department and eventually stepping into broader responsibilities.

Essential Duties & Responsibilities

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

- **Strategic Leadership**
    - Own the Platform Lifecycle: Move beyond simple roadmap execution to full ownership of the platform's commercial and technical success. Ensure products are delivered not just on time, but with the margins and reliability required for business scale.
    - Operational Autonomy: Serve as the primary decision-maker for day-to-day engineering operations, allowing the CTO to focus on R&D and future-state technology.
    - Organizational Construction: Design and scale a high-performance engineering culture. This includes defining organizational structure, hiring strategies, and career pathing to ensure high retention of top talent.
- **Technical Execution & Process**
    - Engineering Rigor: Implement and enforce "industrial-grade" engineering processes (Stage-Gate, Revision Control, PLM, Requirements Management) to transition the company from startup agility to enterprise reliability.
    - Supply Chain Integration: Lead the technical validation of strategic partners (cells, inverters, enclosures). Drive technical negotiations to ensure vendors meet not just today's specs, but our future roadmap requirements.
    - Cross-Functional Alignment: Act as the primary technical bridge to Sales, Services, and Project Engineering. Translate market feedback into engineering

requirements and ensure the platform is "deployment-ready" to minimize field labor and maintenance costs.

- **Financial & Risk Management**
    - Cost Down Initiatives: Aggressively drive BOM reduction and efficiency improvements to maintain competitive advantage.
    - Risk Mitigation: Oversee compliance and safety strategies (UL, NFPA, IEEE) to minimize warranty exposure and operational risk.
- Performs other related duties as assigned.

Knowledge, Skills, & Abilities

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.

- Business Acumen: Ability to translate technical decisions into financial implications (CapEx, OpEx, Margin).
- Executive Presence: Capable of representing the company in front of major utility customers, investors, and industry groups.
- High Agency: A track record of solving complex organizational problems without waiting for permission or detailed instruction.
- Technical expertise on Li-ion battery systems, battery enclosures, power conversion systems, and power systems generation, transmission, and distribution.
- Working knowledge for BESS industry relevant standards including UL9540/1973/1642/1741, IEEE1547/2800, and NFPA855/70/70E/69/68.
- Subject matter expert on grid tied power conversion including GFL and GFM.
- Understanding of utility communication protocols, industrial ethernet networks, and power generation control strategies.
- Ability to recruit and develop personnel in a technical organization including training, guidance, and mentoring.
- Exceptional communication skills particularly conveying complex technical concepts or issues.

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Education & Experience

- Deep design and engineering experience in energy storage, power systems, and power conversion technologies.
- Master's Degree in Electrical Engineering.
- 10+ years of experience in design and engineering leadership.
- Proven background developing and successfully bringing products and services into the energy storage industry to market.

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.

- Regularly required to stand and walk, with frequent lifting or moving of up to 25 pounds and occasional lifting of up to 50 pounds.
- The noise level in the work environment is usually moderate to loud. Hearing protection may be recommended and/or required in some work locations.
- Domestic and international travel may be required.