

VP of Electrical Systems Engineering

Industry: Power Systems, Renewable Energy, Microgrids

Remote working – 20 hours per month

Services for equity arrangement

Start and onboard immediately

Evolves to a paid role upon closing our next capital raise

Want to assist an exciting innovative, smart infrastructure venture that is passionate and determined to accelerate the new world of clean energy, transportation and maritime to net zero & to meet ESG targets?

As a group, ELIRE has accelerated very quickly over the last months to position our ventures and world-first solutions critical to accelerating the ecosystem shift to adopt new technologies. ELIRE Infra has a long pipeline of exciting projects from London, UK, UAE, Australia, Nordics and the Mediterranean.

Company Description - ELIRE Group pioneers innovative solutions at the intersection of infrastructure, mobility, and clean energy to help clients achieve decarbonisation and net zero goals. The company values commercially viable, scalable, and impactful innovation, blending existing technologies with new ideas to drive change.

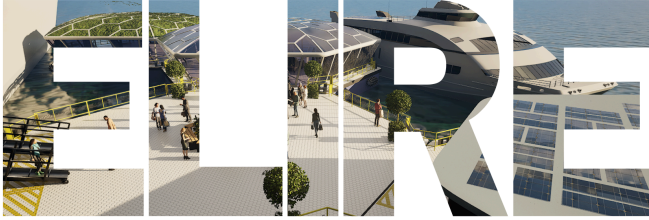
Role Description - We seek a highly skilled Senior Electrical Systems Engineer to support the design, development, and supplier management of innovative power solutions, including grid-independent and grid-connected energy systems. This role will be pivotal in delivering state-of-the-art electrical infrastructure, integrating renewables, energy storage, and microgrid technologies, and driving next-generation power systems.

This is an exciting opportunity to work on cutting-edge power and energy infrastructure projects, contributing to the future of sustainable energy systems.

Key Responsibilities:

Power Systems Design & Analysis

- Develop electrical single-line diagrams (SLDs), system architectures, and detailed design documentation.
- Conduct power flow, fault analysis, and protection coordination studies using ETAP, DlgSILENT, or similar tools.
- Design HV (up to 11kV) and LV power distribution systems, including breaker discrimination studies, interlocking, and selectivity analysis.



Project Delivery & Supplier Management

- Lead technical procurement specifications for electrical systems, ensuring alignment with project requirements.
- Collaborate with suppliers and manufacturers (e.g., Aggreko, Generac, CAT, Bergen Engines, Wartsila, MAN, MTU) to evaluate, procure, and integrate power system components.
- Supervise subcontractors during system implementation, testing, and commissioning.

Microgrid & Renewable Energy Integration

- Design grid-independent and grid-connected power solutions, integrating renewables, battery storage, and distributed generation.
- Develop resilient power architectures that optimize system efficiency, reliability, and sustainability.
- Support the development of hybrid and flexible energy systems, including microgrid controls and energy management strategies.

Commissioning & System Validation

- Oversee on-site commissioning, ensuring seamless integration of electrical and control systems.
- Conduct system testing and troubleshooting, ensuring compliance with technical and regulatory standards.
- Work closely with controls and automation teams to optimize power management strategies.

Ideal Candidate Profile:

- **Experience:** 10+ years in Power Systems Engineering, Electrical Project Delivery, or Technical Sales Support at a major generator hire or power systems company (e.g., Aggreko, Wartsila, Generac, CAT, MAN, MTU, Bergen Engines).
- **Technical Skills:** Strong background in HV/LV distribution design, breaker coordination, fault analysis, and microgrid system development.
- **Software Expertise:** Proficiency in ETAP, DIgSILENT, PSCAD, or similar power system analysis tools.
- **Project Delivery:** Hands-on experience in procurement, supplier management, and electrical commissioning.
- **Renewable Energy & Storage:** Experience integrating solar, battery storage, and hybrid power systems is highly desirable.
- **Certifications (Preferred):** CEng, IET Membership, or similar professional qualifications.

Contact and apply with your resume, portfolio, LinkedIn profile and a short description of your interest and experience via an email using the subject - *VP MSE + 'your name'* to Rajeev Verma, Group CTO, rajeev@eliregroup.com