**System Engineer**

The System Engineer will lead the technical aspects of the battery energy storage projects and provide expertise to support project development from the project inception through to energisation.

**Key Responsibility:**

* General design of grid scale battery storage system including site layout and SLD design, augmentation optimisation, power system study and grid code compliance, control/monitoring system and ancillary systems
* Technical support for the procurement of grid scale battery storage system
* Technical support for EPC tendering and technical due diligence
* Review the project specific constraints, specify technical requirements and collaborate with the EPC/contractors to optimise the design and engineering solutions (BoP and ICP)
* Work closely with Project Manager to monitor project development process and review technical deliveries throughout the design, construction and commissioning
* Supervision of Factory Acceptance Test (FAT) and/or Site Acceptance Test (SAT)
* Attend technical meetings with key stakeholders (EPC, NG/DNO, Technical Due Diligence, …)
* Technical assessment of new BESS projects in the development portfolio

**Knowledge and Skill Requirement:**

* 3-5 years design experience in grid scale battery storage plant or utility HV and EHV substation
* Bachelor or Master degree in engineering (with a specialism in Electrical Power Engineering, Battery Storage or equivalent)
* Proven technical knowledge of Li-ion battery, inverter and battery storage system integration
* Knowledge of applicable standards and certifications in energy storage system
* Familiarity and experience with Transmission & Distribution network and Grid Code requirements in UK
* Ability of keeping up to date with new products/technology and technology advancements in industry
* Commercial awareness of system design and engineering solutions
* Experience with design software DIgSILENT or ETAP
* Excellent AutoCAD and MS Office skills
* Excellent communication skills and collaboration abilities
* Experience of working with DNOs and facilitating grid connections desired