**Technical Development Engineer**

The Technical Development 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:**

* Technical support for EPC tendering and technical due diligence at planning stage
* Technical support for the procurement of Battery Energy Storage System, including but not limited to specify system requirements, warranty conditions, operation and maintenance inspection scope, as well as FAT/SAT report
* Review the project specific constraints, specify detailed technical requirements and collaborate with the technical management of EPCs to define appropriate and feasible system solutions (BoP and ICP)
* Supervision of Factory Acceptance Test (FAT) and/or Site Acceptance Test (SAT)
* Work as technical interface of all counterparties and ensure the technical clarity
* Work closely with the Project Manager to monitor project development process and review technical deliveries
* Attend technical meetings with key stakeholders (EPC, DNO, Technical Due Diligence, …)
* Technical assessment of new BESS projects in the development portfolio

**Knowledge and Skill Requirement:**

* 3-5 years design experience in utility scale battery storage plant or utility LV, HV, or EHV substation
* Bachelor or Master degree in engineering (with a specialism in Electrical Power Engineering, Battery Storage or equivalent)
* Proven technical knowledge of the utility scale battery storage system such as battery and MV system selection, augmentation plan optimisation, layout and SLD design, auxiliary power sizing calculation, power cable rating, relay protection, control/monitoring system, fire suppression system, grounding design, lightning protection, …
* Familiarity and experience with G99 standards and CDM regulations
* Ability of keeping up to date with new products/technology and technology advancements in industry
* Commercial awareness of system design and engineering solutions
* Excellent AutoCAD and MS Office skills
* Excellent communication skills and collaboration abilities
* Experience of working with DNOs and facilitating grid connections desired