

Head of Grid

Energia Renewables

Role and Responsibilities

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1 Role & Responsibilities

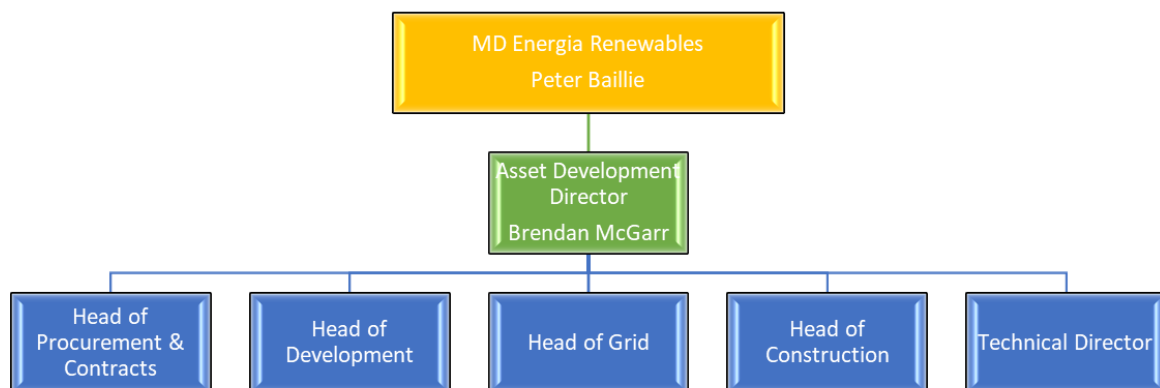
1.1 OVERVIEW OF ROLE

The Head of Grid role involves leading the Grid activities in the development and construction of our current onshore portfolio of Battery Storage, Solar and Wind Farms. Additionally, the role will focus on identifying, assessing, and presenting new opportunities that arise from ongoing policy developments within the renewables sector.

1.2 TEAM STRUCTURE

The Head of Grid is a member of the Renewables Senior Leadership Team and reports to the Asset Development Director.

Reporting into the Head of Grid are four high performing Senior Electrical Engineers. There is a future growth strategy for this team to enable us to develop our renewables pipeline.



1.3 TEAM MANAGEMENT

- Manage and motivate a high performing team of electrical engineers in the development and construction of our onshore development pipeline
- Deliver through the team the key deliverables associated with grid through the development, procurement, and construction phases by supporting and working closely with the Head of Construction, Development and Procurement
- Review and collaborate with the Technical Director (as required) in the context of the planned Data Centre and other associated enabling project

1.4 GRID STRATEGY

- Keep up to date with latest trends and “direction of travel” within the energy industry to identify risks and future opportunities
- Present to senior management quarterly on grid strategy and future opportunities, or when opportunities present themselves
- Advise on the relevant legislation and regulations that would impact and add benefit to project’s grid connection strategy
- Engage & collaborate with the Energia Regulation and other functions within the business to feed into consultations relevant to the renewable energy industry

1.5 DEVELOPMENT OR ACQUISITION PHASE

- Provide technical assistance during project development and ensure the factors influencing and influenced by the grid connection are considered
- Assist the development team with obtaining consent (wayleaves, easements, leases etc.)
- Negotiate and develop grid connections design that reduce installation time and cost whilst maintaining or improving plant performance
- Designing/specifying and budgetary pricing substation and relevant grid infrastructure equipment for the connection of projects
- Manage Advisors and Consultants to support Grid and Delivery related activities across the Island
- Carry out technical due diligence and risk assessment on grid connection conditions/agreements offered by the SOs
- Develop and maintain relationships with the TSOs and DSOs to support the grid application and delivery process in line with Energia project programmes and consented grid routes
- Manage and be responsible for the process of grid applications ensuring they are submitted in a timely manner. Progress through the TSO’s, DNOs’ and national requirements and processes
- Technically reviewing new standards and policy documents and, where warranted, use the latest information to roll out process and design improvements.
- Assist in the development of project programmes and take a leading role in collaboration with the Head of Procurement & Contracts with respect to tendering strategy with respect to Grid & EBoP
- Being the go-to technical and grid design expertise person for any support required in the development of projects
- Input into financial all grid related inputs such as constraints, curtailment, TLAFs, system services revenues etc
- Provide inputs to project models in support of Renewables and Corporate Development teams.

1.6 CONSTRUCTION PHASE

- Take responsibility for the construction delivery of all Works under the EBoP and/or Grid connection contracts in line with Functional Specifications to enable energisation and manage the asset transfer to DSO and TSO for contestable works
- Support the procurement activities of the equipment required for the balance of plant and contestable works
- Review the technical designs submitted by HV/MV contractors or EPCs to ensure compliance and to achieve cost efficiency without compromising quality
- Be responsible for “grid intelligence” and implementation of new connection methods arising from the TSO/DNOs policy changes and changing industry standards
- Develop and maintain relationships with HV/MV contractors and EPCs to drive performance and ensure they deliver their services
- Develop and maintain relationships with the TSO’s and DNOs’ design and delivery teams ensuring projects progress smoothly through the project lifecycle.
- Work directly with the SOs to understand connection options, delivery and outage timeframes and management of the connection risks with the relevant SO
- Co-ordinate and approve all required power system studies and keep up to date knowledge of compliance requirements

1.7 EXTERNAL STAKEHOLDER MANAGEMENT

- Engaging with Network Operators and trade bodies at Stakeholder events and ensuring that policies are helping, not hindering renewable deployment
- Continue to represent Energia on the WEI and ISEA Grid committees and relevant working groups
- Point of contact and stakeholder management for SOs in ROI and NI
- If required, take on the management and closure of all technical issues to allow Asset Transfer to Eirgrid / ESBN for Clogher and Mulreavy substations

1.8 BUILD, MAINTAIN, & OPTIMISE KNOWLEDGE DATABASES

- Support the business intelligence with GIS spatial data solutions (QGIS, ArcGIS)
- Analyse and track changes of ROI and NI planning documents, e.g., published on websites of the TSO/DNOs, power facilities, industry, and sector experts
- Provide and gather cost estimates together with grid connection delivery timescale
- Aggregate possessed knowledge and documents to have the best possible insight on the current and future situation in the Irish energy sector. and opportunities
- Consolidate grid knowledge, insights, opportunities, planned generation and Eirgrid grid developments projects in a live database
- Utilise the database to feed into strategic opinion/direction on future grid connections and future project opportunities

Interviews

Interviews will take place in early March. A second-round interview may take place to assist with making a final selection.