



POSITION PROFILE

Grid Connection and
Engineering Director



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Bute Energy is a developer of large-scale onshore renewable energy projects in the UK, with a development pipeline in excess of 2GW of generating capacity.

Our portfolio comprises projects at various stages of development, with the first projects expected to commence construction in 2024. In total, the portfolio of onshore wind farms, solar PV projects and co-located battery energy storage systems could have an installed capacity in excess of 2,000 MW by 2030, making a substantial contribution towards meeting the renewable energy targets of the Welsh Government and the net-zero carbon objectives of the UK Government.

The projects are expected to attract significant investment and deliver substantial socio-economic benefits to the local and regional economy. We will submit our first planning application in the summer of 2022 for the Twyn Hywel Energy Park (<https://twynhywelenergypark.wales/>), located largely within a Pre-Assessed Area for Wind Energy in Southeast Wales. All our sites can be generating power by 2028, helping to support the Welsh Government's 2030 targets on the path to Net-Zero.

We have partnered with Copenhagen Infrastructure Partners (CIP), whose investment will allow us to accelerate the development of our portfolio and bring significant supply chain and economic benefits to Wales.

With the first planning applications being readied for submission in early 2023, Bute is growing its existing team to drive the business through the next stages of consenting and delivery. The business is now looking to appoint a Grid Connections and Engineering Director.





Job Title:	Grid Connection and Engineering Director
Location:	Cardiff
Reports to:	Operations Director

The Grid Connection and Engineering Director will play an integral role within the organisation's wider Operational delivery function. Bute has secured export connections for all of the onshore windfarm projects within its core portfolio. The Grid Connections and Engineering Director will lead on the management and delivery of these grid connection arrangements with the relevant counterparties. The role is an opportunity to contribute to and manage all elements of this key development area, and to contribute specialist knowledge to the business' strategic growth agenda.

Main Responsibilities

Existing Portfolio

- Lead the management of the existing grid connection agreements with National Grid and the Distribution licence holders.
- Engage with National Grid and the Distribution licence holders to ensure adherence to contractual milestones and deliverables required under the existing grid connection arrangements.
- Provide specialist support to both the Development and Grid project teams to monitor/manage the financial securities arrangements for the existing grid connection agreements.
- Provide specialist support to both the Development and Grid project teams and monitor/manage key grid related enablement factors, including engineering assessments, costing estimates and project FID readiness.
- Provide specialist support to both the Development and Grid project teams and monitor/manage project commitments in respect to associated codes and standards including:
 - the Grid Code;
 - the Distribution Code;
 - the Connection and Use of System Code;
 - the Balancing and Settlement Code;
 - the Security and Quality of Supply Standard; and
 - generation, distribution, and transmission licencing arrangements.
- Provide specialist support to both the Development and Grid project teams to prepare for project FID stages and procurement activities.
- Develop project documentation, tools, processes, and procedures that will benefit the development of grid infrastructure projects.
- Contribute to the development of synergies between the different onshore wind projects and other technologies in the portfolio.



New Opportunities

- Lead the evaluation of new projects from a grid connection perspective, specifically through identifying and assessing potential grid connection locations and design solutions.
- Engage with National Grid to apply for, negotiate and manage new grid connection agreements.

Management of Team and External Specialists

- Lead the internal grid connections and grid engineering team.
- Lead liaison of the grid connections and engineering team with project Directors and other areas of the organisation.
- Identify the need for specialist external technical support. Manage the technical aspects of procurement of specialist external support, including drafting work scopes and undertaking coordinating technical assessment of proposals.
- Manage external specialist technical support to ensure project requirements are delivered on time and to budget.

Market and Regulatory Information

- Support the company's work in monitoring and engaging in regulatory matters and working groups associated with grid connections and the development and construction of distribution and transmission assets.
- Monitor the development of the transmission networks in the context of onshore wind farm grid connections.

General:

The above responsibilities are neither exclusive nor exhaustive and the incumbent may be called upon to carry out such other appropriate alternative or additional duties as may be required, which are within their capability and competence.

The role will be based in Bute Energy's office in Cardiff and will require infrequent travel to project sites and to the Edinburgh office as required.



Knowledge & Skills:

- The grid connection process for large scale power generation.
- Standards and processes associated with distribution and transmission connected power projects, including knowledge of key aspects of the regulatory regimes such as those outlined above.
- Wind farm, distribution and transmission asset electrical system design process and techniques.
- Planning and consenting processes associated with onshore distribution and transmission connected assets.
- Effective communication skills.
- Strong interpersonal and team working skills.
- An initiative-taker who can catalyse work progress on their own initiative.

Experience & Qualifications:

- A degree in electrical or power engineering or equivalent.
- A minimum of five years' experience within the power/ energy sector.
- Experience in either the onshore wind or electricity distribution / transmission sector is strongly preferred.
- Chartered Engineer / equivalent status is desirable.

Diversity and Inclusion:

Bute Energy is an equal opportunities employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We do not discriminate on the basis of race, religion, colour, national origin, gender, sexual orientation, age, marital status, veteran status or disability status.



Remuneration:

Attractive package commensurate with background and experience required for the role. For more information on remuneration please contact Sophie Randles, Director at Livingston James.

Contact details are as follows: T: 07432480922 or E: sophierandles@livingstonjames.com

The Recruitment Process:

The search and selection process of this assignment is being managed by advising consultant, Sophie Randles, Director at Livingston James.

Selected professionals will then be invited to interview with selected shareholders and stakeholders. There will be three stages to this process. If requested, psychometric assessment will be utilised through the process for which additional guidance will be provided.

All third-party applications, enquiries and direct approaches to Bute Energy will be referred to Livingston James.

