



POSITION PROFILE

Technical Analyst



The Company	3
The Role	4
Preferred Candidate Profile	5
Remuneration	6
The Recruitment Process	6





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.

We are now growing our team to support delivery of our portfolio. We are looking for candidates who will bring the expertise, determination and passion to help us deliver our vision for the future of renewable energy in the UK.





Job Title:	Technical Analyst
Location:	Edinburgh/Cardiff
Reports to:	Technical Manager

Bute Energy is looking for a dynamic candidate to support with our continued growth in the renewable energy sector. You will report to the Technical Manager with regular interaction with the Development and Commercial teams. This specialist role will play a key part in the development of appropriate processes and systems designed to monitor wind performance of current and future sites. You will analyse and interpret measured wind data, undertake pre-construction wind resource and energy yield analysis and develop and maintain tools to enable efficient delivery of outputs.

The successful candidate will need to be a highly professional and aspirational Analyst with a strong interest in the renewable energy sector, whilst being driven to deliver technical excellence to match Bute's ethos. You'll be an effective technical thinker with strong analytical problem-solving skills and a collaborative approach. You'll be keen to develop your skills, seeing this opportunity as a fantastic way to progress in a fast-growing specialist team. As an exceptional communicator, you'll be formulating ideas and communicating these clearly to your internal and external stakeholders, as well as demonstrating your well-developed report writing and presentation skills with acute attention to detail.

This is an enormously exciting opportunity to join a high growth business and play a key role in its continued success.

Main Responsibilities

- Design wind measurement campaigns on our greenfield sites
- Analysis and interpretation of measured wind data from met mast and lidar
- Modelling of wind flow using linear wind flow models such as WAsP
- Calculation of energy yield assessments and technical losses
- Completion of technical reporting to our key stakeholders
- Management of projects and budgets
- Develop, maintain and create tools to improve automation with software such as Python
- Site visits to our wind farm sites and met mast installations
- Completion and presentation of technical reporting to internal stakeholders
- Quality assurance for wind yield and associated deliverables



Experience & Qualifications:

- Previous experience of working in an energy consultancy/developer environment
- Three or more years' experience in wind analysis/energy yield assessment
- A qualification in a highly numerate discipline in specialisms such as engineering, physics, mathematics, meteorology
- Strong experience of using industry software such as WindPro, WAsP, WindFarmer, Windographer is essential
- Wind data analysis experience
- Modelling of wind flow using linear and non-linear wind flow models
- Conducting due diligence of third-party energy yield assessments
- Experienced in the use of Microsoft Office including Excel, Word and Powerpoint
- Knowledge of programming languages such as Python or R is desirable

Knowledge & Skills:

- Ability to work well in a team environment to deliver on team goals
- Excellent communication skills in written and spoken English
- Ability to work on multiple projects simultaneously while keeping projects on time
- Proactive and willing to seek improvements to workflows and processes while staying up to date with the best practices in energy yield assessments
- Highly numerate with strong analytical skills
- Intellectually curious with a broad business skillset
- Resilient: remains calm and effective under pressure
- A proactive self-starter
- Someone who is passionate, determined and who is looking for an opportunity to make their mark

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.

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.



Attractive package commensurate with background and experience required for the role. For more information on remuneration please contact Sophie Randles, Director - Private Equity.

Contact details are as follows T: 07432 480922 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.

