



POSITION PROFILE
Senior Energy
Analyst



Introduction to Bute Energy	3
The Role and The Candidate	4
Remuneration & Recruitment Process	6





Bute Energy Limited has built up a market-leading pipeline of Energy Park projects in Wales, constituting the largest onshore renewables development portfolio in the UK. The businesses' Energy Parks will combine the latest technology for onshore wind and solar generation to provide projects with some of the lowest Levelised Cost of Energy in the UK.

With an ambitious programme of deliverables for the year ahead, Bute is growing its existing team to drive the business through the next stages of consenting and delivery.

At Bute, our core values of courage, passion, community and integrity are central to our mission to work towards a sustainable world, now and for future generations; and to deliver green energy generation and infrastructure that benefits local communities and society as a whole.

We are a business that truly has people at the heart of everything we do, and we work hard to ensure that our people are supported and encouraged to succeed. We are proud of our culture and values and strive to ensure that every one of our people have that "feeling of belonging" and can bring their whole selves to work. This is an exciting opportunity to join a high-growth business and contribute to helping Wales reach its Net Zero targets.





Job Title:	Senior Energy Analyst
Location:	Edinburgh or Cardiff
Reports to:	Senior Technical Manager

The Engineering team are responsible for supporting the development of the Bute Energy portfolio to achieve timely Financial Investment Decisions (FID) in line with the company's portfolio programme.

The Senior Energy Analyst will report to the Senior 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 design wind monitoring programs, analyse and interpret measured wind data, undertake pre-construction wind resource and energy yield analysis, perform due diligence of 3rd party analysis as well as be involved in negotiating turbine supply agreements.

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 wind flow models such as WAsP or WindSim
- Calculation of energy yield assessments and technical losses
- Completion of technical reporting to our key stakeholders, management of projects and budgets
- 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
- Due diligence of 3rd party reports and TSA negotiations



Knowledge and Skills:

The ideal candidate will have the following personal characteristics and experience:

- 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

Experience and Background:

- 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
- 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

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.

Equality, Diversity & Inclusion:

Bute Energy is an inclusive workplace and encourages different perspectives, thoughts, ideas and backgrounds to ensure a truly innovative and exciting place to work, where everyone can be themselves. As an equal opportunities employer, Bute Energy is committed to the equal treatment of all current and prospective employees and does not condone discrimination on the basis of age, disability, sex, sexual orientation, pregnancy and maternity, race or ethnicity, religion or belief, gender identity, or marriage and civil partnership.

We aspire to have a diverse and inclusive workplace and strongly encourage suitably qualified applicants from a wide range of backgrounds to apply and join Bute Energy.



- Salary: Attractive package commensurate with background and experience required for the role. For more information on remuneration, please contact Rachel Sim.



Rachel Sim, Delivery Consultant

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The Recruitment Process:

- Initial interviews are with our retained advisors at Livingston James
- Interviews will involve meeting the Senior Technical Manager and other key stakeholders
- Applications should be sent to Rachel Sim at rachelsim@livingstonjames.com