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What we do

Barrington Energy is a project management company working in the renewable energy sector, specialising in offshore wind. Established in 2017, Barrington offers developers, operators and contractors an outstanding service that exploits years of experience in helping successfully deliver offshore wind projects – from development through to generation.

Our detailed understanding of both the technical and commercial aspects of the project lifecycle (from feasibility, tendering, construction and installation to operation, contracts and administration) enables us to create a bespoke solution for every client. We pride ourselves on creating intelligent, integrated management strategies that help ensure a project is delivered both on time and on budget. Our approach relies on taking the time to reach a genuine understanding of the particular opportunities and challenges each project presents.

The directors of Barrington Energy have substantial combined experience from management roles on over 40 offshore wind projects in the UK, Europe and Asia. They have built up strong links with many of the sector's leading consultants. This enables Barrington to match projects with teams of people that offer the most effective blend of skills and attributes.

Our services

Barrington Energy offers the following services, which can be commissioned either in isolation or as part of an integrated package:

Procurement and contract negotiation

- Preparation of pre-qualification documents
- Preparation of tender documents, including detailed employer's requirements (ERs)
- Maximising client benefit through assertive management of the tender process
- Tender analysis and reporting
- Negotiation of both the commercial and technical aspects of contracts

Package and contract management

- Project and technical management, including ensuring compliance to ERs, and creating and reviewing technical documents
- Contract management, including enforcing terms, dealing with claims, and variation management
- Budget control
- Project controls, including risk management and interface management

Quality management

- Inspection and test plans
- Audits of both internal project logistics and those of suppliers
- Inspection through the manufacturing, construction and completion phases (both onshore and offshore)
- Creation and maintenance of quality records throughout the project
- Investigation into cases of non-conformance and how they are resolved; detailing lessons learned

Our people

Directors

Barrington Energy's two directors, Stuart Brand and Alex Low, both offer many years' experience in the delivery of offshore projects, from feasibility studies through to generation. In the past decade, they've directed both management and project teams on over 40 wind farms in the UK, Europe and Asia, overseeing a variety of work packages. These have included foundation installation and cables, quality management, onshore pre-assembly and wind turbine installation, and operations and maintenance.

Stuart Brand

Stuart has over 20 years' experience delivering projects in the energy industry, working in a range of both technical and management roles up to directorship level. Relying on excellent communication skills, expert knowledge of technical roles, and insights gained from professional leadership training, Stuart has built an outstanding track record in building and motivating specialist teams.

Before becoming a co-director of Barrington Energy in 2017, Stuart worked as Operations Director at 3sun Group in Great Yarmouth for over seven years, executing a long list of wind farm projects. A key achievement in this role was taking the company into renewables for the first time (securing 70 per cent of the UK and European market within three years). Stuart's professional experience also includes working on projects in the UK and Europe for BP, MHI Vestas, DONG, Statoil, SSE, Siemens, CNR, Premier Oil, Shell and GE.

Alex Low

A senior manager with over two decades' experience of working in the construction sector, Alex has a proven ability to deliver on complex, large-scale projects. Focusing in recent years on the development of offshore wind farms, he offers extensive experience in contract management, quantity surveying and business development. A strategic thinker and able negotiator, Alex balances a talent for detail with the ability to both build and motivate project teams.

Before becoming a co-director of Barrington Energy in 2017, Alex worked as a Commercial Manager for Turner Iceni, and at Seajacks UK in Great Yarmouth, latterly as Contract Manager. The Seajacks role included project managing the transport and installation contract (over £200m) for the Meerwind offshore wind farm, and delivering substantial vessel modifications (one of which was said to be 'impossible'). A qualified Chartered Surveyor, Alex previously worked as a Project Surveyor for construction consultancy David Langdon LLP.

The team

Having spent many years working on wind farm projects around the world means that when they're putting together a project team, Barrington Energy's two directors can draw on relationships with many of the offshore sector's leading professionals. They include:

WTG Package Manager

A senior project manager with a Masters in Mechanical Engineering, and years of experience serving the offshore wind industry. Has most recently worked as a Senior Project Engineer for Theta Services (a specialist in marine warranty surveyor services), and for Seajacks UK, on the Walney Extension Project for DONG Energy.

Contracts/Package Manager

An experienced project manager who has worked in civil engineering for over 27 years. Moved to the offshore wind sector in 2009, working first with RWE Npower Renewables and then E.ON UK, directing teams of between four and 40 people to deliver packages of work that have ranged from £1.5m to £300m-plus.

Contracts Manager

A Chartered Quantity Surveyor currently working for SSE as a Joint Venture Commercial & Contracts Manager in their Renewable division. The focus of this role has been managing the commercial teams, delivering best value and developing a supply chain on the Greater Gabbard (x140 3.6MW turbines) and Beatrice wind farms (x84 7.0MW turbines).

Cables Package Manager

An engineer with many years of experience working in the subsea construction industry, focusing on projects that involve the installation of risers, flexibles, umbilicals, Inter Array and Export cables, in both deep and shallow water.

Foundation Package Manager

A creative manager and engineer who specialises in foundation fabrication and installation for offshore wind farm projects. In the past few years

has worked on a series of prestigious builds that include Beatrice Offshore for Scottish and Southern Electric, and Burbo Bank Extension for DONG Energy, and as a Project Engineer/Manager for Seajacks UK.

Owner's Engineer

A civil engineer (MSc Distinction) who is currently Head of Owner's Engineering at a leading consultancy firm. Has experience of all renewable technologies, but now focuses on onshore and offshore wind projects. Previously worked for over seven years as a Renewable Energy Engineer at Mott MacDonald.

Project Engineer

An engineer with solid experience on a number of large-scale offshore projects; currently working on a development in Asia from a UK office. Previous roles include Site Works Coordinator and Foundation Bolting Package Manager at Rampion, a site engineer on Humber Gateway, and a project engineer on Gwynt y Mor.

Quality Manager

An accomplished manager with experience of working as a QC Inspector, Client Representative and HSE Advisor on many projects, most recently for E.ON on the Arkona Offshore Wind Farm. Previous experience includes working as an Offshore Superintendent for GeoSea on the Merkur Offshore Wind Farm, as a Client Representative for EnBW on a cable-laying vessel, and as a QC Inspector for Seajacks and Siemens Gamesa.

Graduate talent

Barrington Energy is committed to supporting the growth of new talent in the renewable industry. Its directors know from experience how much value a new graduate's energy and enthusiasm can bring to a project. With close ties to the Energy Engineering course at the University of East Anglia (UEA), Barrington continues – with careful planning and ongoing supervision – to integrate some of the UK's best new engineers into our project teams.



How we work

The right people

At Barrington Energy we listen carefully to a client's needs, then build the right team to help them meet their objectives. Able to draw on established relationships with some of the offshore industry's leading professionals, our directors create an effective blend of project skills using people they know they can rely on.

The right approach

Adopting a team-driven approach to project management means Barrington Energy can offer their clients cost savings without compromising efficiency. Depending on the demands of a particular project, we have a team either located in country, working between the location and the UK on rotation, or based in Barrington's UK head office. Organising things this way eliminates the cost of having personnel in country when direct contact is unnecessary. However, a senior manager is always on site to ensure work packages are kept on track. In addition, to reflect the logistical demands of the construction phase, the number of Barrington personnel in country will always increase during a project's closing stages.

The right balance

Barrington's rotational model doesn't only offer cost benefits. Basing team members in our UK office when appropriate means they can optimise their productivity by working directly with other colleagues – and benefit from the difference in time zones by continuing to work after the business day has finished in country. Critically, over the long term, this rotational structure allows Barrington to both attract and retain the industry's very best people, some of whom are not looking to relocate full time.



Case study

Solutions for Marubeni on the Akita development

Keen to be the developer of Japan's first offshore wind farms, Marubeni commenced work on twin projects at Akita and Noshiro (known collectively as 'Akita') in 2015. But within two years, it was becoming clear how difficult it was for a newcomer into the renewables sector to develop a project of this scale.

Barrington Energy's directors, Stuart Brand and Alex Low, were brought onto the Akita project in November 2017, bridging gaps in expertise as a Package Manager (O&M and Ports and Logistics) and Project Manager & WTG Package Manager, respectively. They saw a need to reshape how the project was run, and understood that upskilling the local project team and Japanese supply chain would secure immediate improvements. Bringing in a group of experienced offshore professionals to work with them, Barrington helped get Akita back on track by sharing knowledge and applying best practice.

Unafraid to take the initiative, Barrington Energy has facilitated many firsts for Marubeni. In just over a year, its management strategies have realigned the tender process, created an O&M protocol with no native precedent, reshaped the supply chain by supporting new joint ventures, and developed the main suite of bespoke EPCI contracts. Barrington also achieved major concessions with the OEM contracts for Wind Turbine Supply and Wind Turbine Service and Availability, as well as successfully challenging existing Japanese legislation as a means to keep different aspects of the project viable.

Barrington's key gains for Marubeni at Akita:

- * Reduced costs (the result of applying lessons learned from the European market)
- * Contractual terms that better protect Marubeni in its relationships with the supply chain
- * Improved communication and contextual knowledge in the local team
- * A simplified set-up (e.g. reducing construction harbours from two to one)
- * Bespoke document-management system

Key benefits





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