



BOSTONENERGY

BOSTON ENERGY

WELCOME

We are a privately owned, family-run business focused on the supply of technical recruitment, technical training and technical services to the wind energy sector.

In turn Boston Energy is part of a wider group of businesses with interests in renewable energy development and commercial airline maintenance. I am the Managing Director of Boston Energy and the Bostonair Group and have led the group for 25 years.

Boston Energy has been operating since 2012 and has been rapidly growing ever since and from our initial beginnings supporting Siemens in the UK, we have expanded internationally with operations covering four continents. I believe we have developed a market-leading business and an excellent portfolio of blue-chip customers that we have built long-term relationships with and trust through our consistently high-quality delivery of a substantial range of projects.

Mark Parkes

Group Managing
Director and Founder





2 million hours worked
in supporting customers
since 2012



Over £20m turnover
(Group - £45m)



250+ technicians
employed
(Group - 450+)



Over £2.2m invested
in technician training
since 2012

WHO WE ARE

About us

Welcome to Boston Energy. We are a leading supplier in the global wind energy industry and operate both onshore & offshore across the UK, Europe, North America & Asia

We provide a wide range of services to the industry in multiple segments including Operations and Maintenance support, Pre-Assembly, Main Component Exchange & Heavy Lift, HV, Turnkey Projects and Technical Training. We provide a range of training services (including GWO-approved courses) to the Renewables industry delivered at our training facilities, on-site or at customer premises.

Our depth of knowledge covers the turbine and component lifecycle and we operate onshore and offshore across the UK, Europe, Asia, North Africa and the United States.

We are part of a family-owned group that has been operating since 1885 with a strong diversification from marine into aviation, energy and rail industries. Our offices are situated in the UK, Germany, Ireland and USA.

Our fundamental belief lies in health, safety and the quality of our services and our ongoing investment in renewable energy is to continue good engineering and a 'must not fail' attitude.

[LEARN MORE](#)

BOSTON ENERGY STRATEGY

Boston Energy's mission is to be a market leading supplier in the wind energy industry and to reliably deliver high quality services whilst upholding the highest standards of integrity, fairness and safety.

We are a tier 1 supplier to two of the world's largest wind turbine manufacturers (SGRE and Vestas) as well as a number of wind farm developers and operators across the globe. Our five year strategy is:

- Growing the business to 20-30% per annum and positioning ourselves as the recruitment and technical service supplier of choice for our customers.
- Creating a USA centred wind power support business for the offshore and on shore sectors in North America. Becoming an integral partner for the development of US offshore wind.
- Developing our support to the Asian market over the next 5 years.
- Training and developing a workforce working throughout the globe with at least 35% ex-forces through on the job training with our specialist technical leads.





MARK PARKES
Group Managing Director



ADAM SUMNER
Group Finance Director



JULIAN CATTERMOLE
Director of Energy



COLIN PEARCE
Business Development
Manager



ROB MITCHISON
Technical Contracts Manager



MARC DAWSON
Multi-Country Business Lead



NEIL HARVEY
Operational Project Lead



MARGO JAGIELLO
UK Business Lead



JASON KENNAN
Technical Training Manager



KATIE MONK
QSHE Manager



CULTURE & VALUES

To grow a profitable & successful multi-sector business which through reinvestment allows our people to reliably deliver high quality services whilst upholding the highest standards of integrity, fairness, and safety.

To liberate the energy of our people to have ambition and strive for excellence in everything we do for the benefit of the customers and communities we serve.

No individual or business is isolated in our organisation, every individual and business is part of the main, a part of the Group. This is vital to our strength allowing us to apply resources, knowledge, and lessons across our Group.

SAFETY

We operate in safety critical sectors, we must never compromise on the laws, rules and principles that are intended to keep people safe.

QUALITY

Continuous improvement and striving for excellence help's us to build long lasting, trusting relationships with our people & customers.

RELIABILITY

Competence & reliability are prerequisites to building long lasting relationships with our customers.

INTEGRITY

We believe in the quality of being honest and holding firm to strong moral principles.

FAIRNESS

To have empathy with our people and customers and through considered decision making, deliver positive and successful outcomes for those we interact with.



“ Boston Energy are always encouraging training, expanding our knowledge and personal development. ”

- Dave, Technical Trainer

CAREERS with Boston Energy



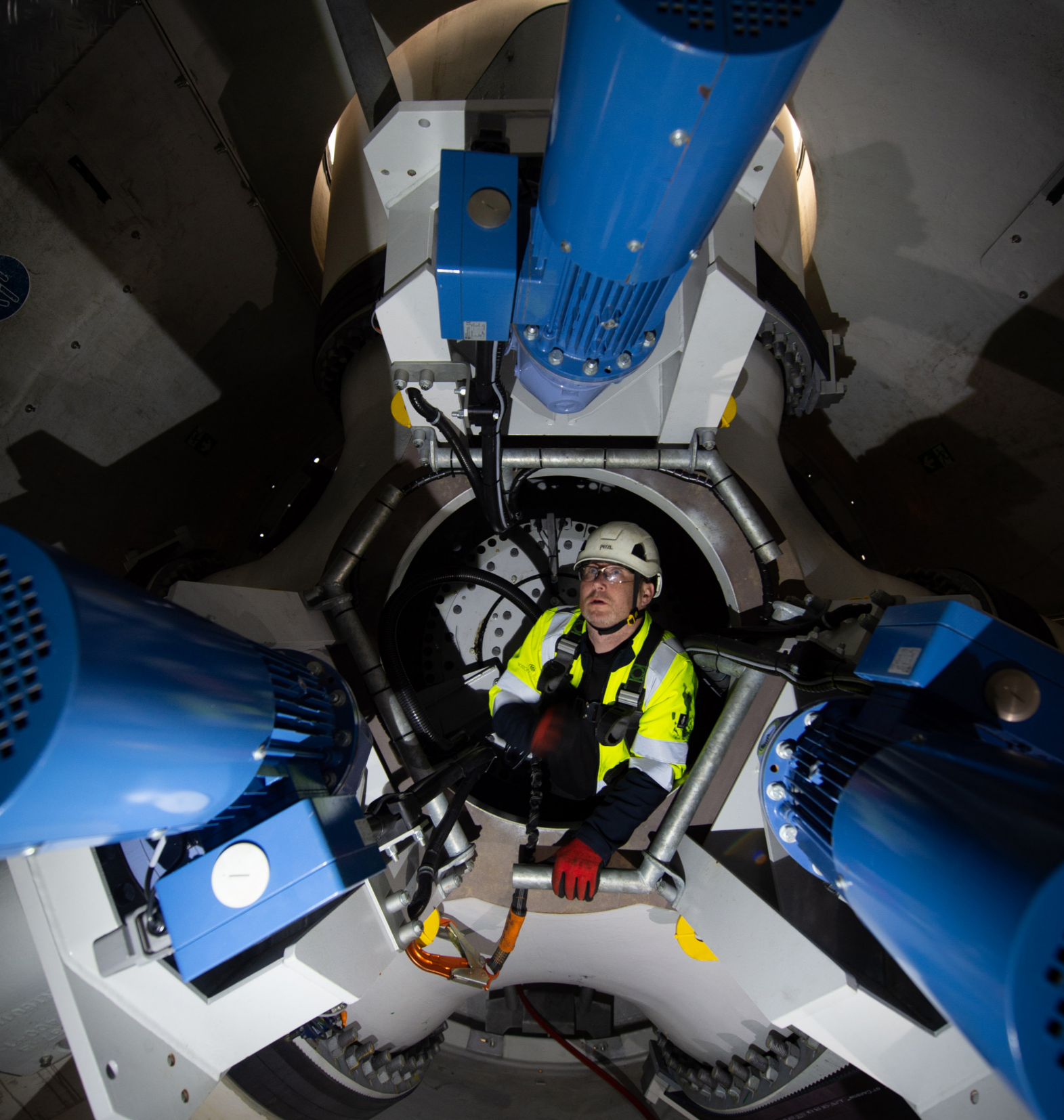
We have a large team of technicians who are highly skilled, experienced and have been selected due to transferable technical background. Our employees are recruited from mechanical, electrical and heavy industries and our technician team are trained extensively to ensure safety and compliance to customer expectations.

Job Roles: Travelling Technician, Pre-Assembly Technician, Installation/Construction Technician, Commissioning Technician,

Service Technician, Lifting Equipment Engineer, Inspection engineer.

Initial training courses:

- GWO Basic Safety Training Course (5 Modules)
- GWO Basic Technical Training – Hydraulics, mechanical and electrical.
- Banksman Slinger/Turbine Crane Operator
- Medical
- Osha 10



TECHNICAL SERVICES

Capabilities

Our people operate on sites across the globe, including the UK, Europe, North Africa, North America and Asia. We focus on placing our technicians close to home and broadening their flexibility, benefiting both the customer and our people.

The skillset across our team spans multiple areas of expertise from mechanical technicians, electrical technicians, service technicians to inspectors and lifting

equipment engineers.

Our O&M services include: scheduled and unscheduled maintenance, long-term service contracts, ad hoc arrangements, troubleshooting, tower inspection & repair retrofits and upgrades, oil replacements, component exchange, bolt torquing programmes and pre-assembly.

[Take a look at the following pages for more information on our services.](#)





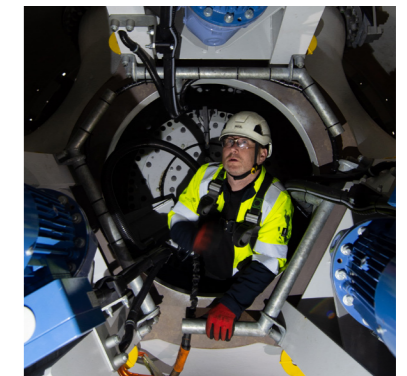
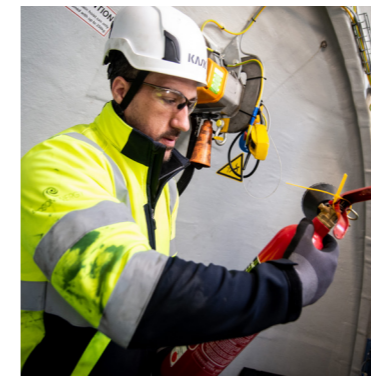
TECHNICAL SERVICES

Technical Recruitment

Boston Energy have a team of highly skilled wind turbine technicians where training and upskilling give the ability to support our customers to a high level of safety and quality.

- Service Operations and Maintenance
- Lifting Equipment Inspection
- Repair and Maintenance
- Technical Training and Upskilling
- Project Assembly and Installation Support

We provide manpower to a range of categories including:



SUMMARY OF OUR GLOBAL REACH



TURBINES WE WORK ON:

Vensys 1.5Mw, 2.5Mw, Siemens 1.3Mw,
2.3Mw, 3.6Mw, 4.0Mw, 6.0Mw DD, Vestas
V52, V90, V112, V126, MHI Vestas V164
and Senvion MM82 and 92 models



TECHNICAL SERVICES

Operations and Maintenance Support



Boston Energy provides a range of Maintenance Services, including a planned service programme, where a highly skilled team of technicians will deliver high-quality regular services on wind farms on and offshore throughout the UK, Europe, Africa and US & Canada.

Boston Energy has a spare parts management programme, where we stock a number of parts at our Head Office that our technicians can easily and readily take onto the site.

Bolt Torquing Programmes

BOP Maintenance

Blade Repair

Rope Access

Tower Inspection & Repair

Retrofits and Upgrades

Oil Replacements

Component Exchange

Long-term Service Contracts

Unscheduled Maintenance

Ad-hoc Arrangements

Troubleshooting





Provide service & maintenance support on Vensys turbines in the UK including 1.5MW, 2.5MW, 3.5MW



2014

Partnership established

UK assets exceed

97%

generation availability at any time - with callouts attended efficiently from within our maintenance team



Statutory Inspection items maintained to UKAS, LOLER, PUWER & PSSR standards

Service Offering

Planned 6 month and 12 month annual and bi-annual service plan. This is planned and implemented by our project team

Liaise with Vensys monitoring to support break down cover - reactive maintenance

We store spare parts, consumable and WTG specific tooling

TMSE annual inspection included in the service

Transportation 4x4 and van provision

Retrofit and upgrades available

We carry out audits, rescue drills, and portfolio training

VENSYS

Model

Meet the team



TECHNICAL SERVICES

Pre-assembly

The capabilities of our pre-assembly technicians are:

- Assembly of tower section
- Installation and termination of cables inside the tower
- Installation of steel work into tower sections
- Installation of turning gear
- Upending of tower sections
- Installation of the service lift and ladder components
- Functional test of the assemblies
- Preparing the WTG for a specific location
- Preparing control systems for the offshore installation
- Pre-assembly technicians that either are currently or can be trained to the equivalent of Vestas levels C / D, Siemens levels 3 / 4 and GWO BTT / SGTT

We ensure all our pre-assembly technicians comply with the project training needs and carry out detailed assessments to ensure they are fit for purpose. We are committed to supplying the best qualified, assessed and able technicians for any work we undertake for our customers on geared and direct drive models.

We have significant expertise in providing Tower Technicians and Foreman for pre-assembly projects. Our experience includes world-class OEM's across several sites in the UK and Europe including; Belfast (for Burbo Bank Extension and Walney 3), Vlissingen (Norther, North Wester 2 and Borssele), The Dudgeon Windfarm Project, The Race Bank Windfarm Project, The Galloper WindFarm Pre-Assembly Project, Moray East and Triton Knoll.

Our teams bring the knowledge of pre-assembly operations from multi-platform projects, giving a strong depth of knowledge. Our experience on V164 assembly projects includes; Burbo Bank extension & Walney 3 projects in Belfast, and our heavy involvement in the Vlissingen, Moray East and Triton Knoll campaign, means Boston Energy are well placed to understand and support the needs of our customers.



Moray East

- 90 x MHI Vestas V164 9.5 MW
- 50+ tower technicians provided

Vlissingen

- 44 MHI Vestas, V164 8MW (Norther), 23 x V164 (North Wester 2), 77 V164's (Borssele 3 & 4)
- 60+ tower technicians provided
- 100% safety record



Sea Green

- 40 technicians
- 114 V164 Vestas turbines
- Starts November 21 – end September 22

TECHNICAL SERVICES

Main Component Exchange/Heavy lift

Boston Energy provides Heavy Lift technicians, HL Supervisors, Georgia and Jannet Operators, Project supervisors, and Troubleshooters for the identification of generic faults and to lead consequent campaigns.

We are the leading providers to one of the major OEMs throughout Europe for MCE.

We also work closely with leading gearbox manufacturers to provide high-speed shaft exchange programmes.

We support both onshore and offshore, providing:

- Troubleshooting
- Tower Inspection & Repair
- Retrofits and Upgrades
- Oil Replacements
- Component Exchange
- Bolt Torquing Programmes
- BOP Maintenance
- Blade Repair
- Rope Access



SIEMENS Gamesa

RENEWABLE ENERGY



Over 150
technicians working
in 2020 on behalf of
SGRE

97%

of Boston Energy
technicians trained to
Siemens



Over **£45m turnover**
supporting SGRE since
2012



Over **1,800 wind**
turbines serviced and
maintained



1 million hours
worked by Boston
Energy technicians
since 2012

Over **£2m**
investment

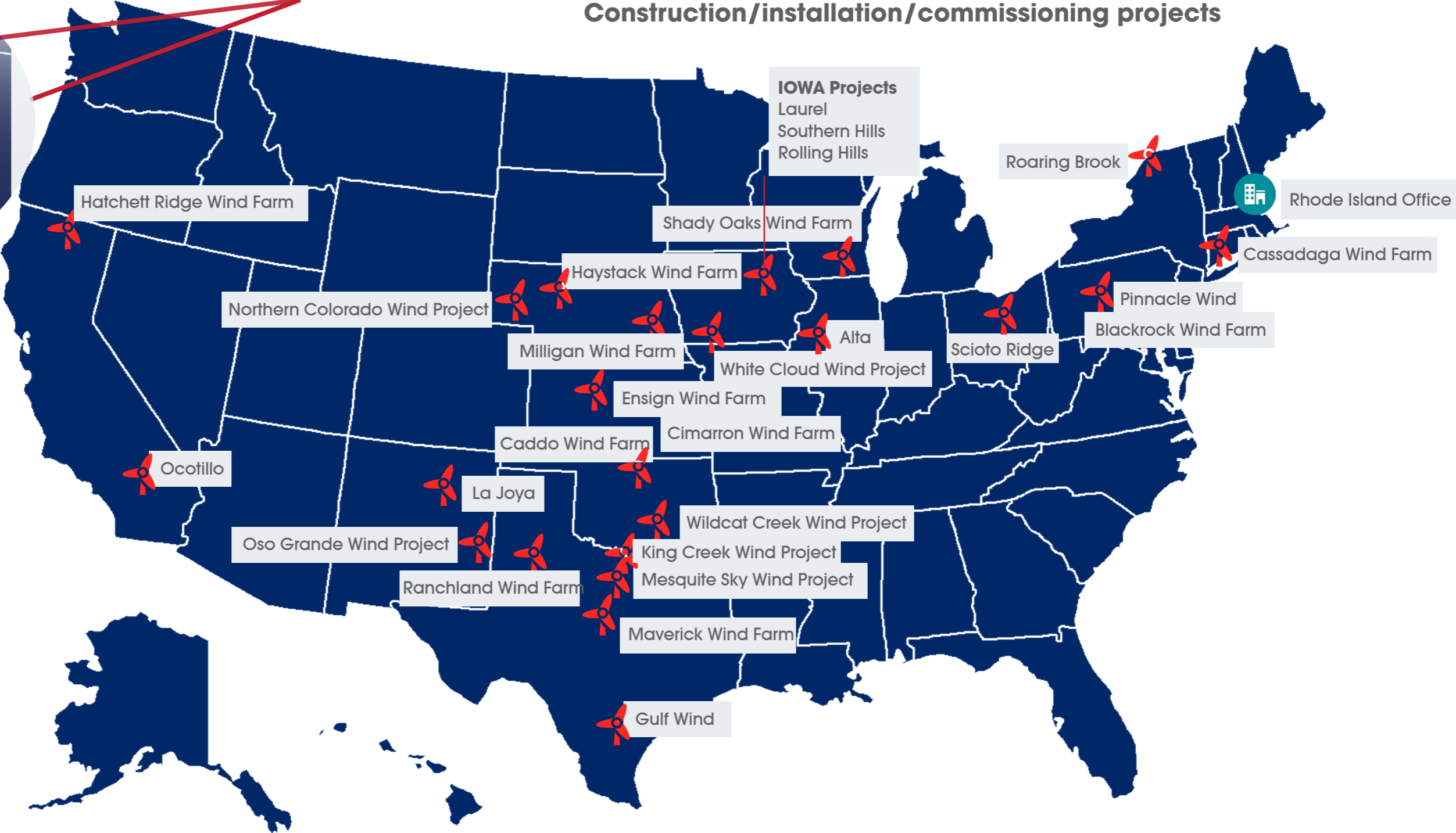
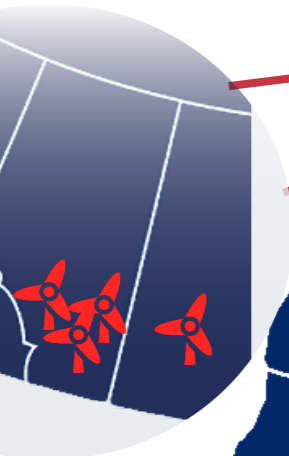
by Boston Energy for
technician training &
training centre since
2012.

Deliverables for US & Canada

Construction/installation/commissioning projects

Canada

- Windrise Wind Project
- Blue Hill Wind Project
- Forty Mile Project
- Rattlesnake Ridge
- Golden South



TECHNICAL SERVICES

Turnkey Projects

Eliminate the risk and hassle of campaign works through our turnkey projects team. We provide fully managed campaign programmes with a specialist team to help you to reduce your risk and cost. We can provide full project supervision and start-up capabilities including the development of RAMs and ensuring full HSE compliance.

We'll work with you to design and execute the programme to suit your timing and budget.

Turnkey projects include campaign work, upgrades, retrofit, major component, exchange, proactive/reactive and fully managed.



MEET ROB

TECHNICAL SERVICES

Technical Training



Our Technical Training team work closely with the SGRE Training Centre in Hull, UK, to provide leading technical training to SGRE for lifting courses.

We are also incredibly proud to support MHI Vestas as a key training supplier for lift courses across Europe and the UK.

All of our trainers are accredited instructors and are able to deliver a number of courses including:

- Slinger Banksman
- Product Familiarisation Training
- ALLMI Operator and Crane training on brands such as HMF, HIAB, DAVIT and Palfinger.

Our mobile crane training facility allows us to offer a unique training experience. The container, which can be taken to customer premises as well as a more fixed crane training facility, is currently based in Grimsby and has been modified to mimic the conditions of a crane in an 8Mw Nacelle. We also carry out training courses on site at Grimsby Fish Dock, within our training office premises.

Our GWO approved courses, including Fire Awareness, First Aid, Manual Handling, Advanced Rescue, Slinger Signaller & Working at Height. Our GWO courses can all be booked and paid for online.

[For more information click here.](#)





Belfast
2016 - 2018
30+ technicians

Vlissingen
2019 - 2020
60+ technicians

Triton Knoll
2020 - 2021
30+ technicians

Moray East
2020 - 2021
50+ technicians

Changfang Windfarm
(Phase 1)
2021 - 2022
15+ technicians

Sea Green
2021 - 2022
40+ technicians

Arcadis Ost
2022
35+ technicians

Solberg, Sweden
2017-18
20+ Installation technicians



Pre-assembly, Installation, Main Components, Upgrades and Service.



**Provided support on UK,
Netherlands, Sweden
Danish and Taiwanese
wind farm sites**



**Over 100 technicians
working on MHI
Vestas projects
during peak periods
in 2021**



**Over \$8.7m turnover
with MHI Vestas
since 2015**



**Over 278,000 hrs
worked since 2015**



**Partnership working
with OEM to build local
content base**

TECHNICAL SERVICES

High Voltage (HV)

Boston Energy currently provides technicians for both 33kV and 66kV platforms across Europe, US and Asia.

We are further developing bespoke training packages to ensure compliance with OEM-specific requirements.

We have a large pool of experienced HV technicians available for SAP and troubleshooting requirements as well as a full suite of LV capabilities to complement HV activities.

Our technicians are provided with the required training & development designed to meet and exceed customer needs and we are proud to have developed significant local content with pools of technicians around our project bases.





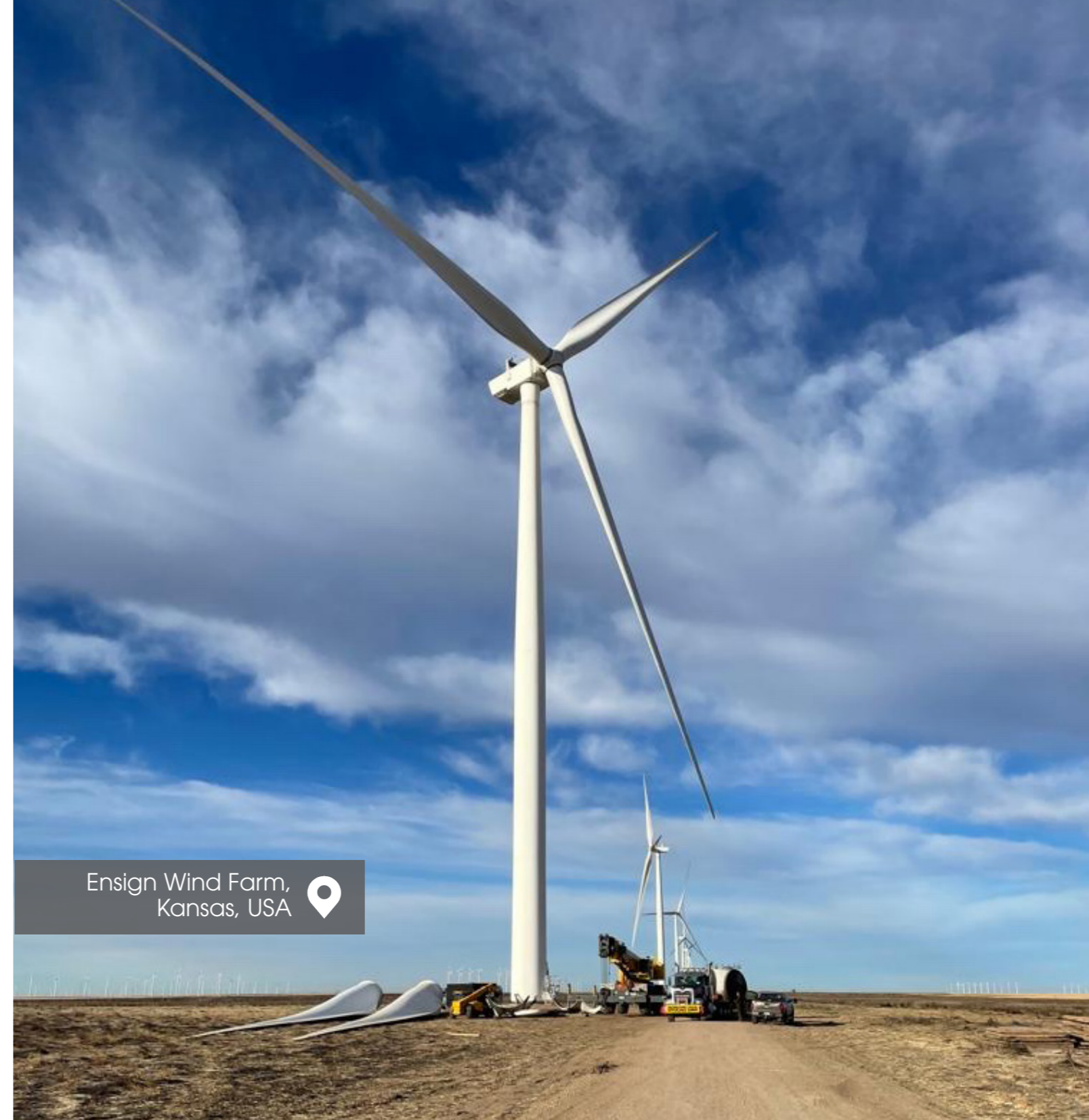
Health and Safety

At Boston Energy, we pride ourselves in our commitment to Health and Safety as well as the Environment. We are dedicated to the protection of our personnel and strive to maintain a safe and healthy working environment both onsite and in our head office.

Boston Energy complies with Health and Safety Legislation, and to the renewables industry standards. We work closely with

our clients to enable a safe work location. Our engineering teams have up to date and current industry accredited training, and we provide them with site approved work equipment.

As part of our continual improvement program, Boston Energy is certified to ISO9001, ISO14001, ISO17020 and ISO45001. We are also members of Achilles.



Ensign Wind Farm,
Kansas, USA

THE BOSTON ENERGY DIFFERENCE

We are passionate about providing a new career for talented individuals who are committed to green energy.

Our people orientated culture puts safety-first and is led from the top down. Rigorous processes are followed to ensure all of our technicians are provided with the essential equipment and workwear to minimise risk.



Staff welfare and well-being is exceptionally important to us at Boston Energy. All our technicians have access to support, whether that is via our offices in the UK, Germany and USA or on the 'ground'. Project coordination is available and on hand to make sure that all technicians are working safely, their welfare on site (and off site) is taken care of and that technicians well-being is a key focus.

As our team continue to grow, we are proud to have a total of 35% of technicians transferring into renewables are from a military background.



All new entrants to the sector receive training from our team as well as support, advancement and a new challenge. Working safely and effectively is developed via onsite 'mentorship' to those new to



the industry via our "buddy" system which involves pairing them with highly experienced technicians so they have hands-on support and can learn new skills.



We pride ourselves in being a family-owned and ran business. We believe every person in the business makes a vital contribution to its success and is treated like a family member. Our technicians may be working remotely across the globe, but they are only ever a phone call away from getting support, having a conversation with colleagues who care about them and what they are doing in the field.

You get lots of hands
“ on experience for both
onshore and offshore. ”

- Luc, Wind Turbine Technician





BOSTONENERGY



www.bostonenergy.co.uk