

**The premier renewable energy and marine services company
based in the Scottish Highlands**

Core Services:

- Project Management
- Health & Safety
- Client representation
- Logistical Support
- Engineering Design
- Site Audit & Inspection
- Vessel Supply & Logistical Support
- Resource & Survey



Operating Principles:

- Safety
- Quality
- Flexibility

Our Clients:

Clients range in size and location. We have provided services across the globe and we are happy to consider any task or challenge. Please contact us for references and details of any specific job requirements.

- | | | |
|----------------------------|--------------------------------|---------------------------|
| • ScottishPower Renewables | • International Power | • Development Partners |
| • SSE Renewables | • Prontoport Ltd | • Allenergy |
| • EDP | • ScottishPower Generation plc | • Gamesa Corp |
| • MeyGen | • Iberdrola | • Aquatera/Orcades Marine |
| • Hammerfest strom | • Pelamis | • SgurrEnergy Ltd |
| • RES UK Ltd | • Scotrenewables Ltd | • NDR(ES) Ltd |
| • Voith Hydro | • Wello Oa | • Green Ocean Energy Ltd |
| • Gaoh Energy | • JGC | • Partrac Ltd |
| | | • MTDS |

Harrow Workshop, West Mey
Thurso, Caithness, KW14 8XH, UK

Phone: +44(0) 1847 851419
Mob: +44(0)7771 817683

info@energyhunt.com
www.energyhunt.com

Richard Hunt—Director

Industry Experience:

- On and Offshore Wind site management, construction, audit, inspection, due diligence, commissioning, operations and maintenance.
- Tidal and Wave Energy device and site development.
- Hydro Power site operations and maintenance, project management, refurbishment and repowering.
- Fossil Fuel site operations and maintenance, project management, efficiency and performance management.



Country Experience:

UK, Eire & Europe,
Scandinavia, USA, Asia

Certification and Training

Having all the necessary 'tickets', by way of training and experience, EnergyHunt staff have qualifications in:

- Safety Passport
- NEBOSH
- IOSH
- Working at Heights
- Offshore Survival
- Offshore Wind Turbine Access
- First Aider
- Senior Authorised Person (SAP)¹
- Control Person/Network Controller¹
- HV Switching (to 275kV)¹
- CDM Co-ordinator / Supervising Officer
- Workboat Skipper
- VHF Radio (DSC)
- Coastal Skipper & Yachtmaster
- Advanced and Level 2 Powerboat

¹: Utility and site specific



Case Studies

ScottishPower Renewables – development of wave and tidal projects in the North of Scotland:
EnergyHunt have and continue to represent ScottishPower Renewables in the development of both their wave and tidal projects in the North of Scotland. This has included detailed electrical studies, local stakeholder liaison, public presentations and arranging a number of events and stands such as the Royal Mey Highland Games. EnergyHunt have also managed the coordination and submission of electrical grid compliance documents, tendering and project management requirements and liaison with the device developers.



Electrical design and project management:
EnergyHunt have provided electrical design, study, documentation, tender management, clerk of works and project management services for a number of substation and electrical infrastructure development works at EMEC and other marine renewable sites.



Maintenance and project management services for Renewable Energy Systems:

A number of maintenance requirements were fulfilled by EnergyHunt whom tendered and managed the procurement of various professional disciplines for RES's assets. EnergyHunt created and reviewed all necessary documentation and fulfilled their obligations in a safe, flexible and reliable manner seeing all aspects of the work through from inception to completion.



CDM Coordinator Role at Marine Energy Installations in Orkney/Pentland Waters:

EnergyHunt have contributed and managed a number of roles with the aim of safely and successfully installing cutting edge and unique developments through hands on coordination and front line project supervision.

Cruachan Power Station repowering and refurbishment:

Cruachan Power Station undertook a major overhaul of 2 of its 4 generating sets, including turbines and associated ancillary equipment. At the same time major inspection and repair work was carried out on the Penstocks and the tailrace, seeing the site dewatered to a level only seen at construction stages in the early 60's. Also as part of this work one of the supergrid transformers was dismantled in-situ and replaced by 2 independent units. EnergyHunt's Richard Hunt managed all engineering, isolation, dewatering, and permitry requirements along with re-energising, commissioning and returning the site to operation.



Black Law and Other Wind Farm control point installation:

Black Law Wind Farm was the first balancing mechanism wind generation site in the UK requiring a 24 hour manned control point. EnergyHunt's Richard Hunt worked with Black Law staff on training, installation and trading requirements to install and operate the 'out of normal working hours' control room for Black Law at Cruachan Power station. This work also included all of ScottishPower Renewables' other smaller Wind sites in the Scottish Portfolio.

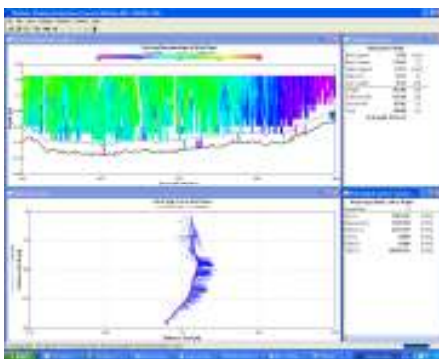
Major outages and project management at Longannet Power Station:

As part of an ongoing major construction project at Longannet Power Station, EnergyHunt was tasked in providing Senior Authorised Person duties to aid production, construction and the safe operation and maintenance of existing plant. Requiring immediate input, EnergyHunt sat and passed all necessary authorisations and performed the role of SAP and Production Supervisor without incident for a 12 month contract. During this time duties involved switching, isolations, commissioning and setting to work a large number of staff.



Marine energy environmental impact assessment - Vessel provision:

The first of its kind. Using our own vessel the MV Sealg Brigh, a MCA Cat 3 coded work boat, EnergyHunt provided a working platform for ornithological studies of an area of the Pentland Firth as part of larger ongoing Environmental Impact Assessments. Although a challenge to meet the calm, settled weather conditions required, the Sealg Brigh proved her worth as a quick, economic and most importantly, safe working vessel for this work which is unique and required for ongoing Marine Energy site developments in the area.



ADCP and side scan sonar tidal resource surveys in the Pentland Firth – Vessel provision:

Utilising our vessel and offshore knowledge and experience, EnergyHunt installed vessel mounted ADCP and side scan sonar devices to carry out surveys of areas within the Pentland Firth. The role required bespoke fabrication of brackets and supply of a quality electricity supply, all of which was achieved over a 3 day period, providing data sets and the information required for the client.

Marine energy site resource surveying—Vessel provision and Health and Safety management:

Acting as client representative, EnergyHunt provided diligence and advice on all health and safety aspects and competence for a marine site developer in the Pentland Firth. This involved review and inspection of all aspects of vessel and crew competence and writing/reviewing all safety and task documentation such as risk assessments, method statements and trip planning. The work went ahead and was a success in all areas.



Operational Management consultancy for the Beaufort Wind Farm Portfolio:



Provision of consultancy input into engineering, safety, procurement and operations & maintenance requirements for the 391 MW Beaufort portfolio, including North Hoyle, the first large offshore wind farm to exit its turbine manufacturer warranty contract.



Operational and Maintenance due diligence on a
USA Wind Farm Portfolio:

With 12 hours notice, EnergyHunt staff mobilised and travelled from Caithness in North Scotland to Houston Texas in 48 hours. The task was to perform due diligence on a 1200 turbine, 1590MW wind portfolio of sites. This involved numerous site

visits and reporting on all aspects of operation and maintenance including performance, availability, capability, health and safety and construction and commissioning.

Installation of BS OHSAS 18001 & EN BS ISO 14001 systems at
various locations:

Using our Health and Safety and Environmental skills, knowledge and experience, EnergyHunt have input into creating accredited systems in a number of locations and business, including:

- Mowat Technical and Design Services Ltd,
- SgurrEnergy,
- Cockenzie Power Station



Operation and Maintenance Consultancy of On and Offshore Wind
Sites:

Input into the following projects:

- Review of London Array Offshore WF O&M strategy for financial lenders
- Input into renewal of O&M contract for North Hoyle WF, the first large UK offshore wind farm to leave its warranty period
- Consultation of set up and logistics for O&M services at the Bailingmiao WF site. Also review and input into performance logs and H&S incidents
- Consultation of electrical HV systems at Lynn & Inner Dowsing WF, due diligence and auditing of documentation system and optimization of maintenance schedules

Maintenance and inspection of On and Offshore
Meteorological masts:

EnergyHunt was tasked to travel with their client to perform offshore wind site inspection and maintenance on a number of installations, including two offshore meteorological masts located in the Irish Sea. Requiring a number of mandatory authorisations and tickets, we performed the role without problem in the minimal time required.



Device design and development for a prototype tidal energy
device:

In an early pioneering trail a prototype tidal energy device was deployed for testing and trailing. The mooring and positional control of the device caused serious problems and EnergyHunt staff were tasked with developing control solutions to alleviate this issue. The device has now evolved and is one of the major tidal devices operating in the UK.

Site research and development for a Wave Energy Device:

EnergyHunt was commissioned to use its extensive local on and offshore knowledge of sea conditions, coastline and grid infrastructure in the Northern Highlands to identify viable deployment sites for a wave energy device, prioritising sites in line with predicted wave energy resource, environmental constraints and grid accessibility.



Device design and development for a wave energy
device:

Utilising our offshore wind expertise, offshore wave knowledge and skills in project and device development, EnergyHunt provided input into the design stages of a wave energy device, transferring it from prototype model into full scale device.

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Richard Hunt—Director

Client Testimonials:

'EnergyHunt have provided ScottishPower Renewables (SPR) a range of services to help promote and develop their wave and tidal projects in the North of Scotland. EnergyHunt's engineering expertise and local connections have been particularly helpful to us as we seek to develop groundbreaking projects in this exciting new sector. We look forward to working with EnergyHunt over the duration of the development and installation of our marine projects in the area.'

Alan Mortimer
Head of Strategy, ScottishPower
Renewables



'EnergyHunt have provided RES a safe, cost effective and flexible service. They have provided first class documentation and site project management to oversee from inception through to completion a range of maintenance works. We would not hesitate to utilise the skills and expertise of EnergyHunt if applicable in the future.'

Matthew Lawrence
Team Leader – Asset Management,
UK & I Operations, RES UK Ltd



'Green Ocean undertook the services of EnergyHunt Ltd in relation to interface requirements with wind turbines and additional consultancy in this regard. We have found their work to be of a high standard and delivered on schedule, we anticipate further collaborations with EnergyHunt in the coming months'.

George Smith
CTO, Green Ocean Energy Ltd.



'Utilising their skills and experience in safety management and operations and maintenance requirements of wind assets, Prontoport have called on EnergyHunt on both a fixed contract and ad hoc input to strengthen and complement Prontoport's services. We have found EnergyHunt to be professional, courteous and flexible in their approach along with providing excellent value for money. Prontoport look forward to continuing a working relationship with EnergyHunt into the future'

Jim McInnes
Managing Director, Prontoport