WELCOME

A warm welcome to this exhibition which is designed to update you on the progress of the Energy Isles Wind Farm. Members of the Energy Isles Shetland Team are on hand to answer any questions you may have, so please do feel free to ask.

Energy Isles Limited was founded in 2014 by a consortium of over fifty mainly Shetland-based companies working together to develop a plan for a wind farm in the North of Yell. Companies in the group come from a wide variety of existing sectors including fishing, aquaculture, crofting, marine engineering, renewable energy and support services. Several are based in the North Isles.

In 2019, Energy Isles Limited announced a development partnership with Statkraft, a leading international company and Europe's largest generator of renewable energy. The project now continues under the banner of Energy Isles Shetland Limited with the shared aim of designing and constructing a wind farm that maximises the benefits of Shetland's emerging renewable energy sector for the local community.

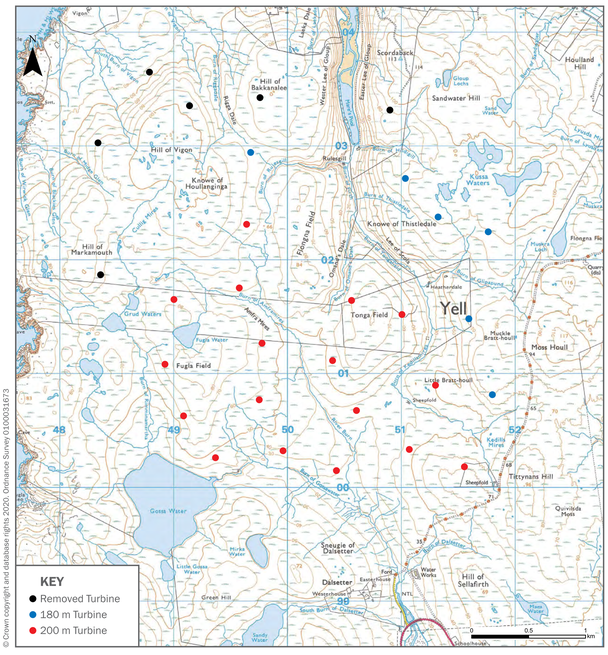
SANDS OF BRECKON | BRECKON, YELL

www.statkraft.co.uk

ENERGY ISLES SHETLAND

Statkraft

PROJECT EVOLUTION



Current Facts and Stats	
Number of Turbines	23
Turbine Tip Height	Up to 200m
Lifespan of Wind Farm	30 years
Installed Capacity	Approx. 160 MW
Energy Generation	Equivalent to around 185,000 homes per year*

* Information based on 160MW installed with capacity factor of 50%. Capacity factor calculated using current knowledge of site wind speed, supported by local operational data on Shetland. This may vary subject to turbines installed. Homes equivalent calculated using annual average domestic consumption of 3,729kWh (BEIS Dec 2018).

Energy Isles Wind Farm was first identified in 2012 and the project has evolved following several public consultation events and feedback from key statutory consultees. This feedback has led us to our final scheme seen here.

2012
Site identified with great wind speed

2013
63 turbine layout was produced

2014
Scope of development agreed

2015
Initial environmental studies undertaken

2018
50 turbine layout presented at public exhibitions

Layout revised and reduced from 50 turbines to 29

2019
29 turbine layout presented at public exhibitions

Supplier's day in Yell

Application submitted to ECU

2020
23 turbine layout presented at public exhibitions

Further information submitted in support of the application

70% of Scotland's electricity demand was met by renewables in 2017.

Scottish Government

Onshore wind is the lowest cost form of new-build electricity generation in the UK.

Department for Business, Energy & Industrial Strategy

Onshore wind generated revenues of £1.4 billion in 2017.

Office of National Statistics

ENERGY ISLES SHETLAND

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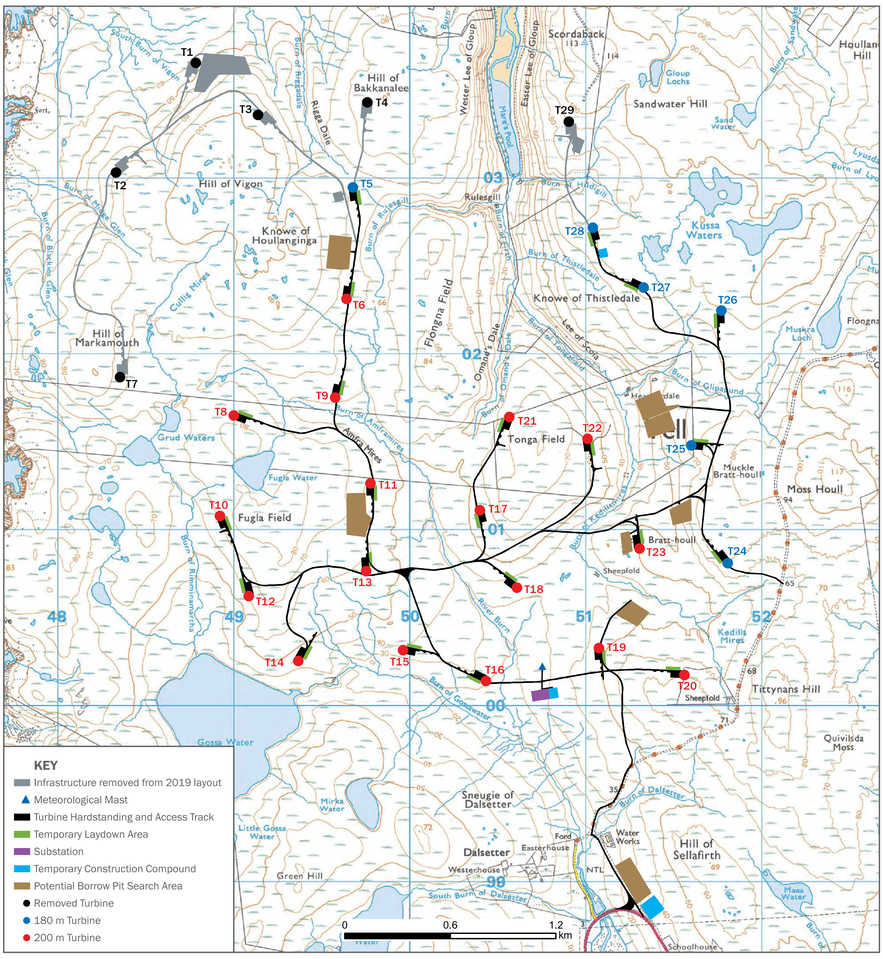
DESIGN EVOLUTION



In response to consultee comments and subsequent consultation with Historic Environment Scotland, Scottish Natural Heritage, and Shetland Islands Council, the Proposed Development has undergone a series of design iterations to address concerns raised. Turbines 1, 2, 3, 4, 7 and 29 and their associated infrastructure (including two borrow pits) have been removed from the Proposed Development, and Turbines 5, 24, 25, 26, 27 and 28 have reduced in height from 200 m to 180 m.

These changes to the design have reduced the adverse impacts to the Shetland National Scenic Area and the setting of Burgi Geos promontory fort. The removal of the turbines to the north and north-west has also reduced the impact on ornithology by allowing un-interrupted access from the lochans in the centre of the site to the coast. The revised scheme reduces the volume of peat that will be disturbed and reduces the potential hydrogeological effects.

A modern wind turbine will pay back all the energy used in its production within the first year.

'Wind Energy' Royal Academy of Engineering, 2014

Onshore wind generates over £18m each year for Scottish communities.

Local Energy Scotland

Unless warming is kept below 1.5C, it is "likely" that the Arctic will see its first ice-free summer by 2050…

@CarbonBrief

LOCAL ECONOMY, EMPLOYMENT AND BUSINESS AND LOCAL DEVELOPMENT FUND

Creating Jobs, Boosting Economies

The renewable energy sector in Scotland is now a significant contributor to the local, regional, and national economy. If the Energy Isles Wind Farm is consented, there are very clear economic and industrial benefits to be delivered during the construction and operational phases of the project and we will invite local companies to tender for contracts. By using the local workforce where possible, the development can have a direct and positive effect on the local economy.

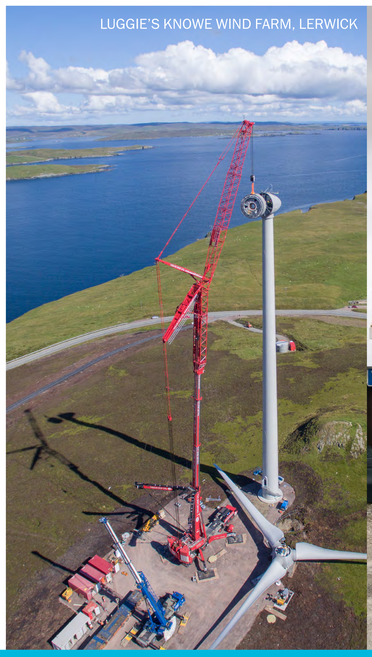
Shetland Renewable Development Network

We are pleased to be a part of the Shetland Renewable Development Network initiative. It can never be too early to start communicating information to the local supply chain and we have already held a dedicated supplier day event in Yell to speak to local businesses.

Local Development Fund

In consultation with the local Community Liaison Group, Energy Isles Shetland has committed to establishing a dedicated Community Benefit Fund for the Energy Isles Wind Farm. The fund will receive £5000 per MW installed as per the Scottish Governments best practice guidance. Based on a 160MW project, this would deliver £800,000 per year to the fund and £24 million over the 30 year life of the wind farm.

ECONOMIC OPPORTUNITIES


LUGGIE'S KNOWE WIND FARM, LERWICK

UNST FERRY, BELMONT


CATERING REQUIREMENTS

ENERGY ISLES SHETLAND

Statkraft

NEXT STEPS

1: Site Selection

The site was first looked at in 2012. Research has shown exceptionally good wind speed and minimal technical constraints on the site.

2: Pre Planning

The Energy Isles team has been working on the design and layout over the past 6 years to get to the design and layout you see today.

3: Application Submitted and Await Decision

Our application was submitted to the ECU in May 2019 and we will be submitting our supplementary information after this exhibition.

4: Construction

If approved, construction usually begins about a year after consent. Construction typically takes 24 months.

5: Operation

Turbines are managed by an inhouse maintenance team, and operations are controlled by detailed planning conditions.

6: Decommissioning

At the end of the planning period, turbines are removed and the site is restored. A parent company guarantee or financial bond is in place to cover this cost.

We intend to submit supplementary environmental information to the Energy Consents Unit after this exhibition. All the supplementary environmental information will be publicly available immediately after submission.

DA WHITE WIFE | OTTERSWICK, YELL

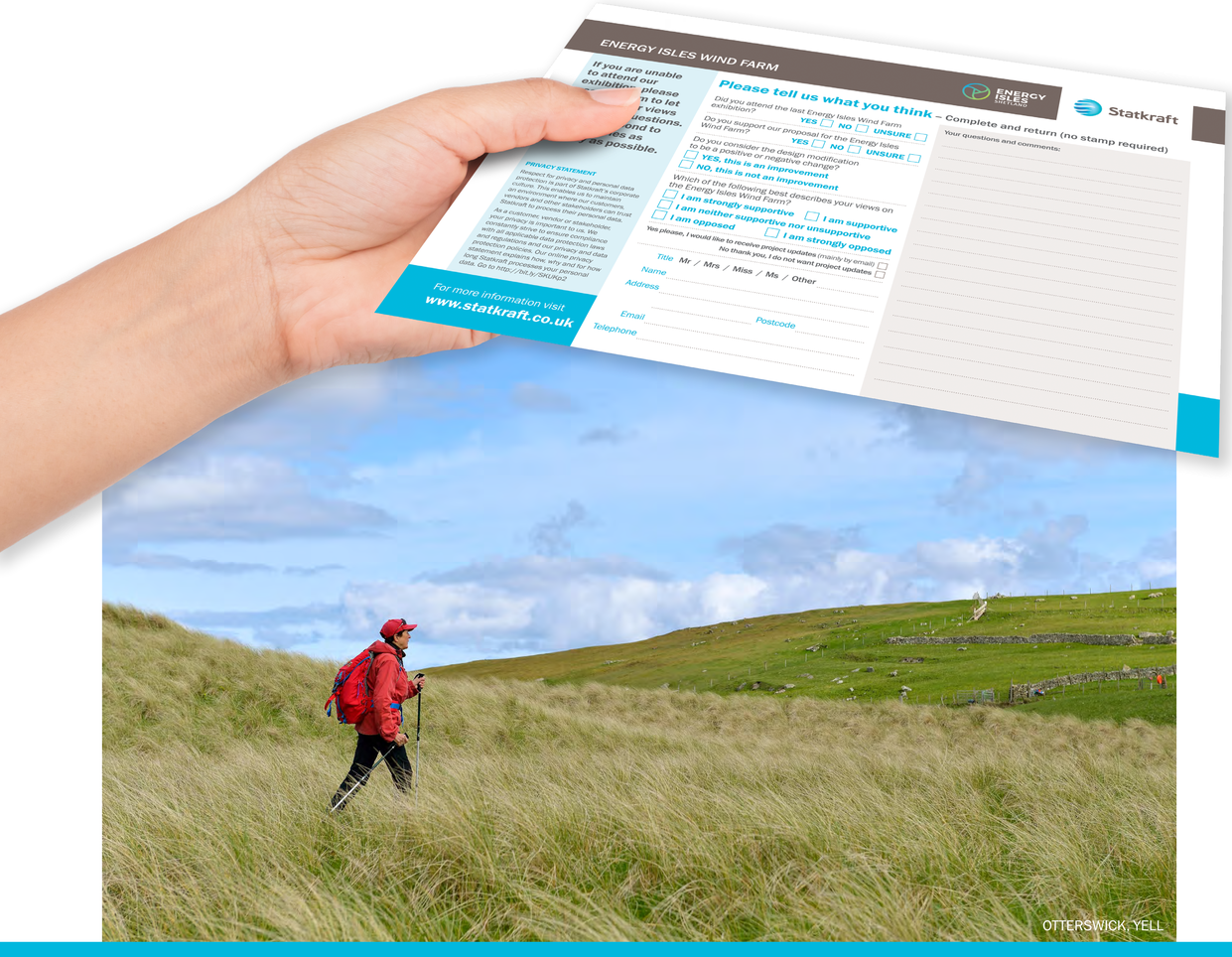
YOUR VIEWS ARE VERY IMPORTANT TO US

Please register your comments by handing your completed feedback form to one of the Energy Isles team or place it in the box by the door.

We will use the feedback from our exhibition today to make our final submission.

Thank you for taking the time to attend today's public exhibition.

Comments made today will be taken into consideration but are not representations to the planning authorities. There will be an opportunity to submit representations to the planning authorities after submission of the supplementary environmental information.



OTTERSWICK, YELL

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