

Whiteneuk and Quantans Hill Wind Farms

community update - winter 2020/21



Pen y Cymoedd Wind Farm

Community consultations go live

New 'virtual' exhibitions and digital events planned for wind farm proposals.

Two new 'virtual' exhibitions will go live this month as part of Vattenfall's community consultations for Quantans Hill and Whiteneuk wind farms.

Announced earlier this year, Quantans Hill and Whiteneuk are renewable energy projects being proposed by Vattenfall in Dumfries and Galloway. Both are at an early stage, with opportunities for local people to influence the designs before submission to planning.

We believe it is essential that local communities have the opportunity to influence the project designs. Feedback – especially from the people who live and work locally – will help us design the best projects we can, ones that balance the need to efficiently generate renewable electricity, protect the natural environment and deliver tangible benefits for local communities.

So this community update provides some information on the proposals, their progress, and how and where

you can find out more – including the creation of 'virtual village halls', online events and opportunities to discuss the plans direct with the team.

Two projects, one newsletter

The proposed developments at Quantans Hill and Whiteneuk are distinct, individual projects, and each brings its own opportunities, challenges and community consultation.

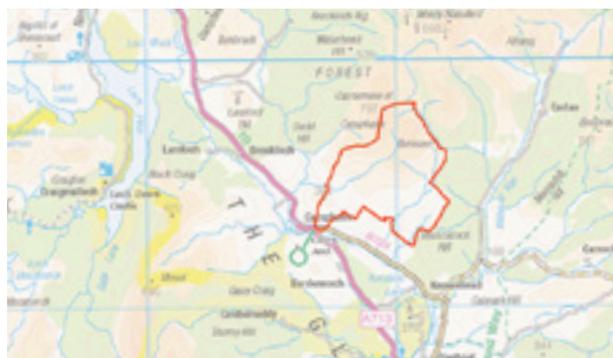
Whilst the developments would be located around 22m apart, we appreciate that some local people, organisations and businesses may have an interest in following the progress of both, and in providing feedback accordingly.

Whiteneuk Wind Farm



To view a larger map please go to:
www.vattenfall.co.uk/whiteneukwindfarm

Quantans Hill Wind Farm



To view a larger map please go to:
www.vattenfall.co.uk/quantanshillwindfarm



About Vattenfall

For more than 100 years, Vattenfall has powered industry and supplied electricity to peoples' homes, and we now employ more than 20,000 people across Europe.

Today, our goal is to make fossil fuel-free living possible within a generation, and so, from Sweden to Scotland, we are investing in renewable energy and innovation.

Vattenfall is a Swedish company and we've had an extensive presence in the UK for over a decade. From the Isle of Skye to the Welsh valleys, the Irish Sea to the Kent coast, you can find Vattenfall generating fossil-free electricity and bringing opportunity and investment to neighbouring communities.

This year saw construction work begin on our biggest onshore UK project to date - South Kyle Wind Farm north of Carsphairn. We are proud to be developing this

significant investment and contributing to Scotland's energy and carbon emissions targets.

Our key contractors at South Kyle include Scottish company RJ McLeod and Dumfries and Galloway's Natural Power, and we are working closely with all of our contractors to maximise opportunities for local businesses and local jobs whilst the wind farm is being constructed.

We see an opportunity to build on this, and further support the 'greening' of the economy in South West Scotland with Whiteneuk Wind Farm and Quantans Hill Wind Farm.

Whiteneuk and Quantans Hill Wind Farms: two new green energy proposals

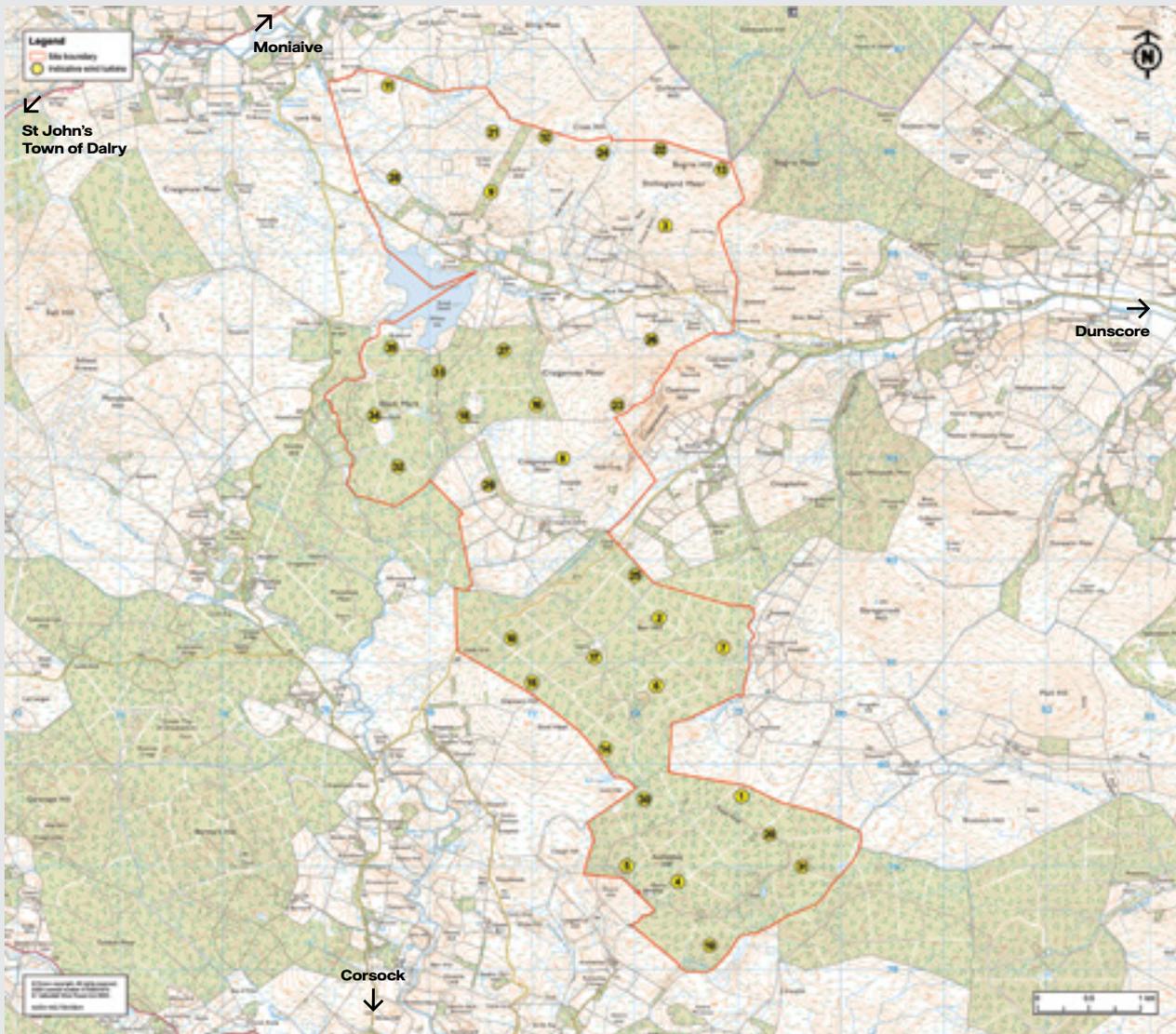
In June 2020, Vattenfall submitted to the Scottish Government 'scoping reports' for two potential new onshore wind developments in Dumfries and Galloway. These reports outlined our initial proposals, and how we planned to assess their environmental impact before finalising the schemes and submitting them to planning.

The details included here represent the wind farms at their greatest extent. As we take into account feedback, both proposals are likely to evolve prior to submission to planning.

Why Wind Power

Scotland has set its goal to reach net zero by 2045, and renewable energy projects such as Quantans Hill and Whiteneuk will help achieve this. Onshore wind is now the cheapest way to generate electricity of any kind and it has become a cornerstone of the UK's energy mix.

Whiteneuk Wind Farm: the initial proposals



Located around 5km south of Moniaive, Whiteneuk Wind Farm has the potential to generate 200MW, enough to power 190,000 homes annually*. Named after one of the hills on which the wind farm would sit, parts of the Whiteneuk site have been of interest to other wind farm developers for many years. Vattenfall believes that advances in turbine technology mean that Whiteneuk Wind Farm has the potential to make a significant contribution to the country's transition to green energy whilst providing tangible, positive opportunities for local people and wildlife.

The Initial Proposal

Where: around 5km south of Moniaive, on a mix of commercial forestry and upland grazing.

What: 35 turbines, associated infrastructure plus 40-50MW of battery storage.

How tall: turbines would be 200-250m to tip, reflecting advances in turbine technology.

Why here: the site offers an excellent location and windspeeds, plus good connectivity to the national grid.

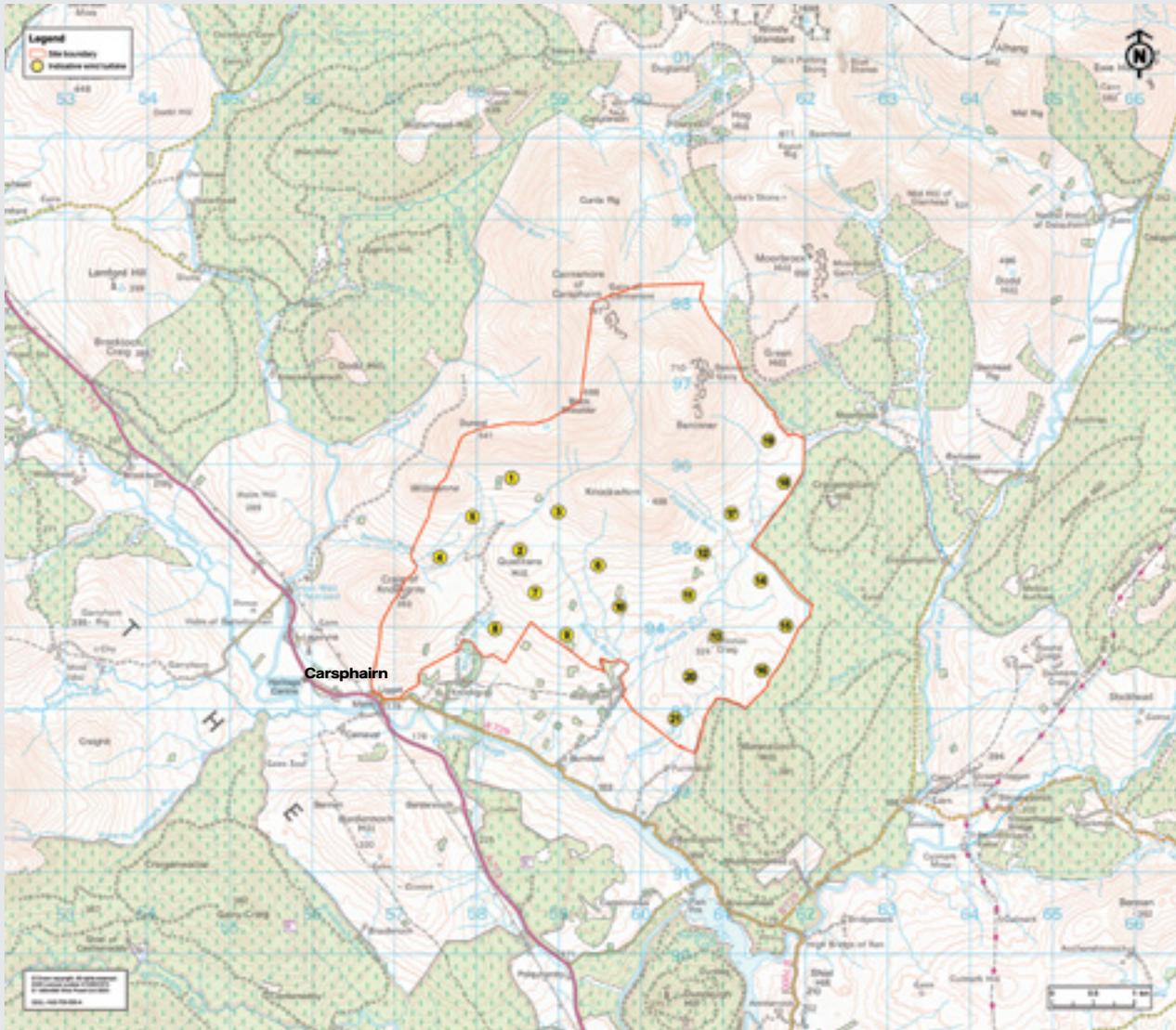
Who: the proposals are being developed by Vattenfall's UK team, with the environmental impact assessment led by Ramboll. Should the plans proceed to construction, Vattenfall is committed to maximising local supply chain content wherever feasible.

When: following the submission of our scoping report, the proposals are entering the Community Consultation phase before determining the final layout by summer 2021, and submitting to Planning the following winter. Should the proposals proceed, construction would commence no earlier than 2025.

To find out more about Vattenfall's proposals for Whiteneuk Wind Farm, please visit the project webpage.

* www.renewableuk.com/page/UKWEExplained.

Quantans Hill Wind Farm: the initial proposals



Further north, Vattenfall is also interested in developing a renewable energy project at Quantans Hill, around 2km east of Carsphairn. Like Whiteneuk, this portion of land has also been subject to previous wind farm proposals, but with our commitment to protecting and enhancing natural habitats, delivering meaningful community benefits, and supporting local supply chains, Vattenfall believes it can significantly improve on those earlier plans.

In its current initial iteration, Quantans Hill has the potential to generate up to 126MW, enough to power 115,000 homes annually*

The Initial Proposal

Where: around 2km east of the village of Carsphairn on upland grazing.

What: 21 turbines, associated infrastructure plus 40-50MW of battery storage.

How tall: turbines would be 200-250m to tip, reflecting advances in turbine technology.

Why here: the site offers an excellent location and windspeeds, plus good connectivity to the national grid.

Who: the proposals are being developed by Vattenfall's UK team, with the environmental impact assessment

led by local company Natural Power. Should the plans proceed to construction, Vattenfall is committed to maximising local supply chain content wherever feasible.

When: following the submission of our scoping report, the proposals are entering the Community Consultation phase before determining the final layout by summer 2021, and submitting to Planning the following winter. Should the proposals proceed, construction would commence no earlier than 2025.

To find out more about Vattenfall's proposals for Quantans Hill Wind Farm, please visit the project webpage.

* www.renewableuk.com/page/UKWEDEexplained.



Clashindarroch Wind Farm

From landscapes to local jobs: how local factors will refine our plans

Detailed environmental impact assessments of our proposals for Whiteneuk and Quantans Hill wind farms are now underway, and we will use the findings from these to inform the next stage of the project design.

Besides factors such as visual impact, noise levels and water supplies (all of which are strictly regulated by planning authorities), Vattenfall is also working with various partners to develop ways to support local communities, jobs, wildlife, habitats and heritage.

Habitat management is particularly important to us. At Vattenfall, we have our own internal bioscience research and development team and their work helps us improve how we protect and enhance the natural environment when we build

and operate wind farms. Indeed, we will be producing detailed habitat management plans for both proposals, demonstrating how we will aim to mitigate for any adverse ecological impacts through site design and by, for example, planting native woodland, rewetting, or habitat creation and enhancement.

We'll also be mapping local heritage assets, and this will include new archaeological surveys of the proposed sites. Potential transport routes, geology, ornithology, aviation, ecology and forestry are also being carefully studied and assessed.

You can read more about our Environmental Impact Assessments on the project webpages.

The wind farm designs will also be informed by feedback from local people. Earlier this year, we undertook an initial feedback survey and these results are already feeding into the design process. Links to the results of these initial surveys are available on the project webpages.

All of this, plus the feedback from the community consultation programme outlined on the back page, will be fed into the design review and acted upon where appropriate.

Progress Update

Since we announced our plans for Quantans Hill and Whiteneuk, our environmental teams at both sites have been undertaking a broad range of surveys including:

- Protected mammal and bat surveys
- Noise surveys
- Landscape surveys
- Archaeological surveys

Bird survey work and assessment, which has been ongoing for 2 years at both sites, also continues.

Meanwhile, we have been engaging with local and regional stakeholders; updating and informing those living closest to the proposed sites, and developing a suite of materials and digital

tools for the broader community engagement commencing this winter.



Leisler's bat



Investing in Your Community

Vattenfall is a strong believer that communities hosting our wind farms should see real benefits and share in the rewards of natural wind resource and, if approved, Quantans Hill and Whiteneuk Wind Farms will generate significant community investment for their local areas.

Based on current Scottish Government guidance, and on the wind farm designs as currently proposed, the two projects combined could generate community benefits worth close to £50million over thirty years – over £18million from Quantans Hill and around £30million from Whiteneuk.

These voluntary contributions could come in many different forms, and we'll work with local communities to develop plans which will reflect local needs and aspirations.

At Quantans Hill and Whiteneuk, we are especially interested in considering new ways of delivering community investment and their potential to support significant, strategic projects for the local areas.

Community consultations: how to get involved

If you live, work or have an interest in the land, communities and local economies around Quantans Hill and Whiteneuk, please get involved and send in your feedback to us.

For everyone's health and wellbeing, we have had to postpone holding local events and meetings. Whilst we remain hopeful that 2021 may bring some easing of restrictions, the Quantans Hill and Whiteneuk wind farm project teams remain committed to providing opportunities for local people to ask questions, discuss the plans and have the opportunity to influence the project designs.

Much will be available online, utilising new technology to offer features such as 'virtual village halls'.

However, we also appreciate that digital is not possible for everyone, so print materials will also be available, and we are always happy to talk on the phone.

These are just some of our plans for the coming weeks and months. If you can, please take a look and get in touch.

Virtual Village Halls

Vattenfall has commissioned the creation of 'virtual village halls' to host online exhibitions for our Quantans Hill and Whiteneuk wind farm proposals.

Following the format of a traditional village hall exhibition, this virtual tool will provide information on the plans and discuss some of the key issues with a digital feedback function. There will also be virtual 'drive throughs' demonstrating how the wind farms may look from key driving routes.

These online exhibitions go live this month and you can find the links on the project webpages.

Online Discussions

We will be hosting a series of online sessions where you can hear from and speak with the project teams. Like traditional public meetings, these will be an opportunity to learn about the plans, ask questions and raise any issues of concern. Check the project webpages for dates and details.

Webpage

Quantans Hill and Whiteneuk wind farms have dedicated webpages on Vattenfall.com where you will find updates and information. You can also sign up for email updates, and ensure you are kept up to date with the latest on the projects and the community consultations.

www.vattenfall.co.uk/whiteneukwindfarm
www.vattenfall.co.uk/quantanshillwindfarm

Book a call

If you are unable to connect with us digitally, please do not hesitate to give us a call. You can reach our South West Scotland team on 01563 595044.

Print and Post

If you would like to receive further details on our proposals and are unable to view them online, please call or write to us at the address below.

You can also complete the enclosed feedback form and return it to the address provided.

Email and Social Media

You can email the project teams at:

→ quantanshill.windfarm@vattenfall.com

→ whiteneuk.windfarm@vattenfall.com

Follow Vattenfall on:

→  Vattenfall UK  @VattenfallUK