BELLTOWNREPOWER

Belltown Power's Proposal to Repower Bowbeat Wind Farm

Welcome

We warmly welcome you to the exhibition about our proposal to repower Bowbeat Wind Farm located on land to the northeast of Peebles.

Please explore the exhibition and ask any questions. To share your views, fill out a questionnaire in the exhibition or using our QR code. Alternatively, email us at **bowbeatrepower@belltownpower.com**

This exhibition forms part of our consultation process to repower Bowbeat Wind Farm. We welcome all feedback so we can take your views on board as we develop our proposal.

Thank you for joining us today. We hope you find the event informative and we encourage you to ask any questions.

About Belltown

Belltown Power is an established UK based clean energy company at the leading edge of renewables project development in the UK. Founded in 2013 by a team of highly experienced renewable energy professionals, we have successfully delivered 22 projects totalling over 200MW of now operating wind, solar, and hydropower capacity across Scotland, Wales and England.

At Belltown Power we:

1. responsibly develop the renewable energy projects that are crucial to tackling the global climate emergency, delivering our climate change targets and ensuring a green and sustainable future for generations to come;
2. fundamentally believe that renewable energy projects should benefit the communities that host them and have developed a groundbreaking community ownership scheme that enables host communities to own a material part of the development; and
3. are committed to open and transparent consultation to ensure local communities are given the opportunity to consider and share their views. We ask that you provide feedback so we can develop the proposal in the best way possible.

For further information about Belltown Power, please visit our main website at **www.belltownpower.com/uk**

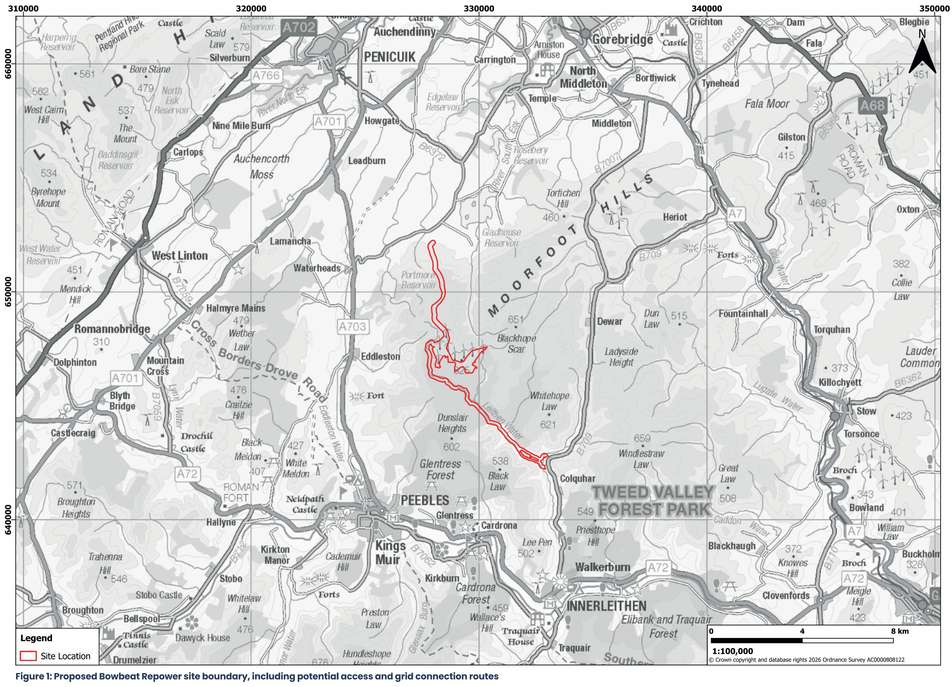


Figure 1: Proposed Bowbeat Repower site boundary, including potential access and grid connection routes

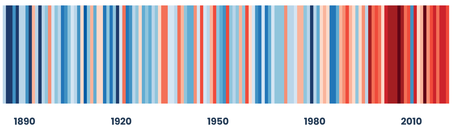
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Why Renewables?

The Climate Crisis

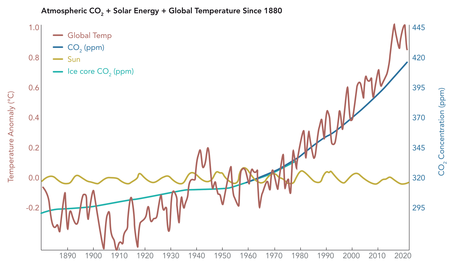
We are facing an unprecedented global climate crisis caused by the use of fossil fuels to power our societies. In the past 50 years weather induced disasters have increased 5-fold.[1] In Scotland these temperature rises are projected to increase extreme weather such as heavy rainfall events causing greater and more intense flooding.[2] Furthermore, during the summer of 2026, wildfires affected 28,299 ha of UK land, almost twice the annual average over the previous decade.[3] This area is greater than a whole year of Scotland's vegetable crop (2025 figures).[4]

Temperature change in Scotland since 1884



Show Your Stripes – Professor Ed Hawkins (University of Reading)

Atmospheric CO_2 since 1880



1 WMO, Weather-related disasters
2 Adaptation Scotland, Climate Projections for Scotland – Summary
3 https://gwis.jrc.ec.europa.eu/apps/gwis.statistics/estimates
4 www.gov.scot/publications/results-from-the-scottish-agricultural-census-june-2025/documents

Energy Security and Cost

The UK's electricity needs are expected to more than double by 2050[5] as society's demands continue to rise and we further decarbonise to combat the climate emergency. Even if all the remaining, likely viable North Sea gas was extracted and used only for electricity generation, it would only be equivalent to about 5 years of demand.[6] Therefore, without any additional renewable generation, the UK would need to more than double its gas imports over the next decade.

Gas provides about 29%[7] of the UK's electricity but sets the electricity price about 97% of the time.[8] The price of gas (both UK reserves and imports) is set on the international market and is therefore exposed to global events. When Russia invaded Ukraine in 2022, it cost UK taxpayers more than £50bn in emergency energy subsidies.[9]

As more renewables come online, the role gas plays in our energy mix and therefore the amount of time it sets the electricity price will reduce, lowering bills. Onshore wind is about half the cost of new gas power plants[10], 25% cheaper than nuclear, and is also the quickest to deploy. It is therefore well placed to provide the new home-grown clean power, the energy security and the lower bills that the UK desperately needs.

5 NESO, 2025, *Future Energy Scenarios: Pathways to Net Zero*
6 North Sea Transition Authority, 2024, *UK Oil and Gas Reserves Report*, based on: 1 BOE is approximately equivalent to 1,790 kWh
7 Department for Energy Security & Net Zero, 2026, *Energy Trends and Prices statistical release: 30 July 2026*
8 Ibid
9 Office for Budget Responsibility, 2023, *The cost of the Government's energy support policies*
10 Department for Energy Security & Net Zero, 2025, *Electricity Generation Costs*

This repowering project would enable your community to go one step further in its efforts to deliver energy security and tackle climate change.

> **We must go into emergency mode against the climate crisis. We need an avalanche of action.**
>
> *UN Secretary-General António Guterres*

> **If we don't act now, it'll be too late. Every day that goes by in which we don't do something about it is a day wasted.**
>
> *Sir David Attenborough*

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Why Repowering?



Source: Stephen Crenshaw / geograph.org.uk , via Wikimedia Commons.

As the onshore wind industry matures, many of the UK's earliest wind farms are approaching the end of their operational life and are less efficient compared to modern technologies.

Repowering upgrades the existing infrastructure with state-of-the-art turbines. This means bigger but often fewer, more powerful turbines and ensures existing wind farms continue to decarbonise our electricity system and reduce our greenhouse gas emissions into the future.

As the windiest, least environmentally sensitive sites in the UK were generally developed first, it is important to maximise the benefits they produce by re-using them to generate electricity. Moreover, these sites' habitats and wildlife have habituated to their presence over 20 years or more, unlike a greenfield site. There are also opportunities to design the new site to reuse infrastructure such as access tracks and substations, further minimising the impact compared to a new wind farm.

500MW

Our target is to repower at least 500MW of the ageing UK onshore fleet.

Belltown Repower is our specialist development arm focused on the repowering of existing operational onshore wind farms coming towards the end of their useful operational lives. We are currently developing a large pipeline of repowering projects, and our target is to repower at least 500MW of the ageing UK onshore fleet over the next decade.

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Bowbeat Repower

The site is 6km northeast of Peebles on Bowbeat Ridge, containing elements of commercial forestry and open moorland.

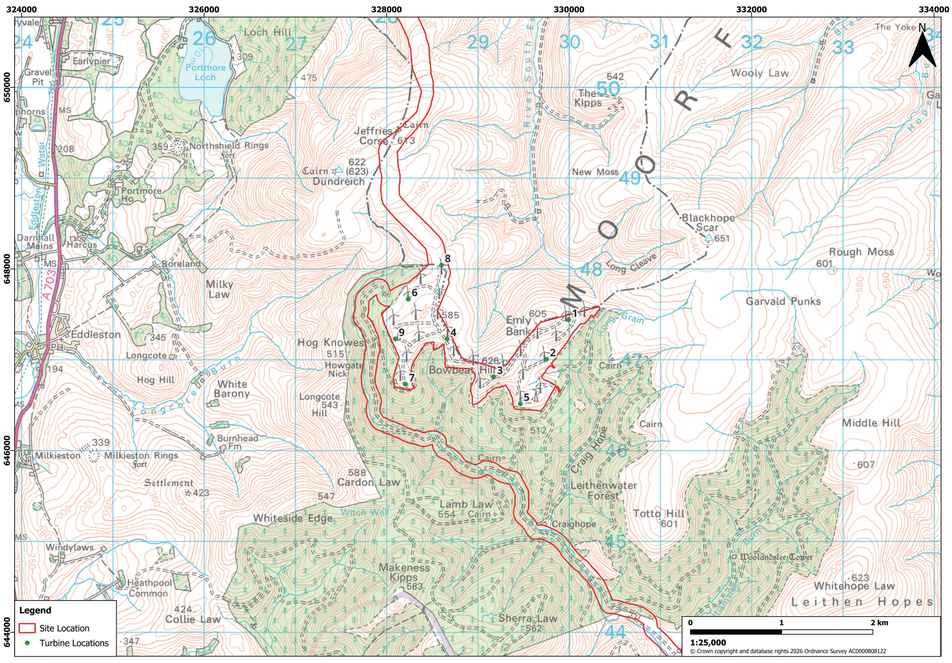


Figure 2: Proposed Bowbeat Repower site and indicative turbine locations

Bowbeat has excellent potential for repowering as the site is located in an area of very high wind speeds, and surveys undertaken so far show good potential for utilising parts of the existing track and turbine foundation infrastructure and minimising disturbance to deep peat.

Based on desk-based analysis and the seasonal surveys already conducted, including breeding birds and habitat surveys, the site can accommodate up to 9 turbines, with tip heights of up to 230m. We will work together with the local community and the landowners to deliver a project that maximises local benefits and clean energy, while protecting and enhancing the natural environment.

We will explore the potential to include an energy storage system in the scheme. As we move towards a decarbonised network, storing clean energy and discharging it when it is most needed allows us to help balance the grid network so it remains stable and runs efficiently.

We shall be developing a package of habitat enhancements in partnership with the estate in order to reach a biodiversity net gain for the development.

We will continue to work closely with the local community and stakeholders as we develop our proposal and encourage the community to share their views.

Current site (installed 2003, decommissioning 2030)

24
Turbines

24,099
Homes powered annually

31.2MW
Capacity

1.5m tonnes CO_2
Saved over project lifetime

Repowered site

9
Turbines

74,652*
Homes powered annually

63MW*
Capacity

4.2m tonnes CO_2*
Saved over project lifetime

* Figures based on a wind energy hub comprising of 9 turbines at 7MW for 40years calculated using DESNZ methodology and a site specific capacity factor and recognised assumptions stated here https://www.renewableuk.com/energypulse/about/#free-resources

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Environmental Impact Assessment

A key part of the development of a site is to undertake a detailed Environmental Impact Assessment (EIA). As a repowering scheme, the site will be distinct from the existing wind farm and will require a new planning application with a supporting EIA. The scope of the EIA is agreed through consultation with the relevant statutory consultees.



The EIA report will be submitted with the planning application. This allows the determining authority to understand the effect the proposal will have on the environment when making their decision.

Amongst other things the EIA report will consider the impact our proposal could have on:

- ecology and ornithology;
- cultural heritage;
- noise;
- carbon rich soils / peat;
- transport and access;
- aviation; and
- landscape and visual receptors.

Ecology and Ornithology

A programme of surveys is currently underway on site. The results will be used to ensure that any impacts on wildlife are minimised. We will explore opportunities for the proposed development to delivery biodiversity enhancements, in consultation with the landowner and others including NatureScot. The outcome of this work will be summarised in the EIA report.

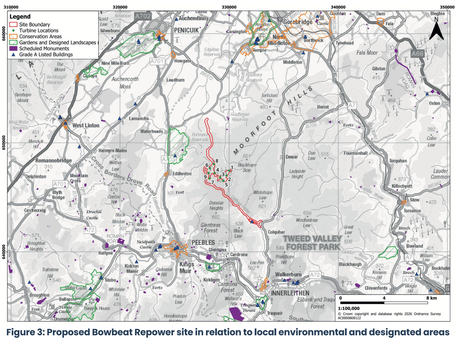


Figure 3: Proposed Bowbeat Repower site in relation to local environmental and designated areas

Cultural Heritage

The potential effects of the proposed development on cultural heritage and archaeology will be assessed as part of the EIA. The assessment will consider direct, indirect and setting effects on known and potential receptors. Initial studies have already been undertaken with specialist consultants to identify potential receptors and opportunities to minimise impacts on these assets and their settings.

Noise

The EIA will assess construction and operational noise resulting from the proposals, including traffic noise, mechanical noise produced by internal components and aerodynamic noise produced by the blades. The EIA will also include a cumulative noise assessment to consider the impact of noise from other nearby wind farms in addition to Bowbeat Repower.

We are committed to actively seeking out projects which can have a positive impact on the existing environment.

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Environmental Impact Assessment

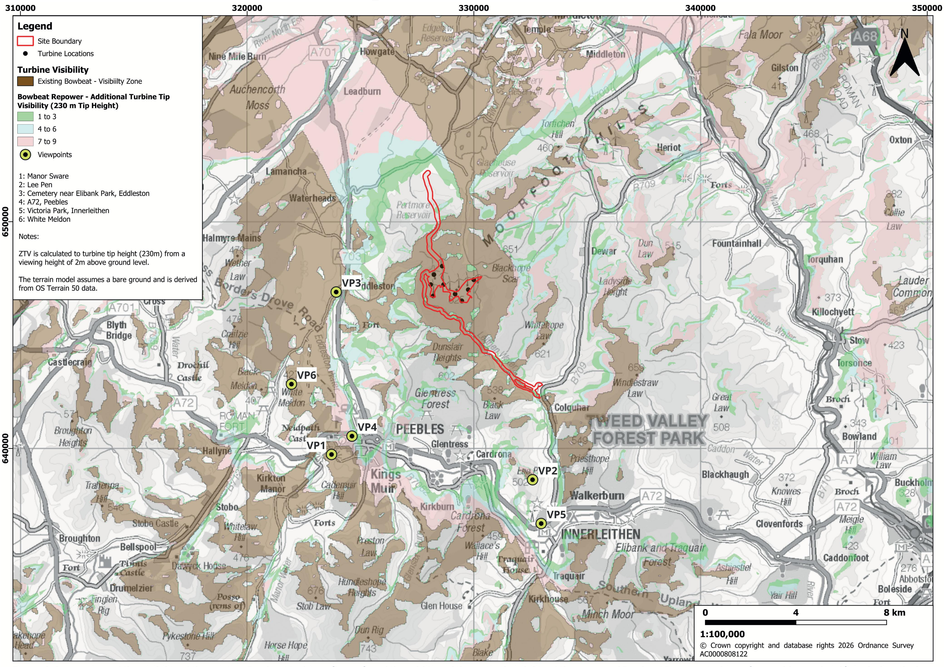


Figure 4: Comparison of the visibility of the existing Bowbeat turbines (brown) and the additional theoretical visibility of the proposed Bowbeat Repower turbines (green, blue and pink), including the key viewpoints featured in this exhibition.

Carbon Rich Soils and Peat

Peat depth surveys have been undertaken, identifying areas of the site where peat (>0.5m depth) is present. The current layout minimises new infrastructure in areas of deep peat and sensitive habitats. Continued careful design will aim to limit impact and continue to make maximum use of existing access tracks on the site, to minimise the amount of new tracks and cable runs required.



Transport and Access

Access to the site for abnormal indivisible loads (such as blades, hub, nacelle and tower sections) will be from the port of origin (likely to be the Port of Rosyth) via the motorway system south to the A720 City of Edinburgh Bypass then onto the A7 southbound and finally onto the B7007/B709 to the site.

We would intend to use a text alert service to keep residents up to date with scheduled deliveries and will work with Police Scotland to minimise any disruption. No significant traffic flows will be associated with the operational phase of the project.

Tourism

We understand the importance of tourism to the local economy and this will be considered in the context of the wider EIA. In particular the LVIA and cultural heritage assessments will consider the likely effects on key viewpoints and locations popular with tourists.

Landscape and Visual Impact

The EIA will include a Landscape and Visual Impact Assessment (LVIA). This will assess and illustrate how the proposed layout will look and fit in the surrounding landscape.

The Zone of Theoretical Visibility (ZTV) is a tool used to indicate the theoretical number of turbines that could be visible for a given location based on the topography of the area. This does not take into consideration any screening from trees or buildings.

The ZTV will be used to identify and agree potentially sensitive viewpoints, agreed in consultation with the statutory consultees.

Further visual analysis will be carried out for these sensitive viewpoints by producing wirelines and photomontages that present a picture of what the turbines will look like in the surrounding landscape.

For the purpose of this exhibition, we have selected the following three proposed viewpoints to illustrate how Bowbeat Repower, in its current layout, may appear in the surrounding area.

We have also included our proposed Leithenwater project:

- VP1 – Manor Sware
- VP2 – Lee Pen
- VP3 – Cemetery near Elibank Park, Eddleston

In addition, the following views are provided as wirelines only (including our proposed Leithenwater Wind Energy Hub):

- VP4 – Peebles
- VP5 – Innerleithen
- VP6 – White Meldon

The locations of these viewpoints are shown on the ZTV map above.

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Groundbreaking Community Offering

At Belltown Power we fundamentally believe that renewable energy projects should benefit the communities that host them.



We have therefore developed a groundbreaking community offering that enables the uptake of local ownership as well as providing £5,000/MW/yr community funds in a way that brings tangible benefits to the heart of the community. We are also exploring how we can help increase revenue from tourism for the local communities.

Belltown's Community Ownership Scheme Includes:

- giving local community organisations 1% of the equity in the project for free;
- enabling them to buy a further 4% of the equity at cost once the project is operational; and
- offering them as much further ownership as they want to take at market value, up to a maximum 49% share of equity.

Belltown's Community Benefit Commitment

We also commit to provide £5,000 per MW per annum (index linked) of Community Benefit. Based on the current proposal this commitment has the potential to generate significant funds for the communities local to Bowbeat Repower over the lifetime of the project.

We can be flexible as to when and how the community receives this funding and can front load some or all of this to best suit the community's needs. Organisations like Foundation Scotland and Local Energy Scotland can advise and assist communities to decide how best to use these funds to maximise the benefit locally.

Our flexible structure means this could include:

- buying additional ownership of Bowbeat Repower to achieve higher returns over the operational life;
- offering discounted energy bills to local residents during the operational life of the wind farm; and
- funding local initiatives with front loaded funding to allow support for larger projects.

Example community benefit calculation

Number of turbines	9
Indicative turbine capacity	7.0 MW
Indicative project capacity	63MW
Project lifetime	40 years
Community Benefit rate	£5k per MW p.a.
Annual Community Benefit	£315,000 p.a.
Lifetime Community Benefit	**£12.6million***

*Assumes a 40 year operational life. True value will be higher as the community benefit will be index linked to CPI

Case Study



Near to our Tirgwynt site in Powys, Wales the Carno Primary School faced closure due to the condition of temporary buildings they were using.

Due to our flexible offer we were able to substitute some of the annual payments with a larger, upfront payment which enabled the construction of a new school building allowing the local school to continue to serve the community for future generations.

Belltown's Community Ownership scheme includes

1% of the equity in the project for **free**

Up to **4%** of the equity **at cost**

Up to **49%** of the equity **at market value**

BELLTOWNREPOWER

Education - Inspiring the Next Generation

We believe passionately in education and have been running the Belltown Education Programme since 2015 with the aim of inspiring the next generation of engineers and scientists who will tackle the climate emergency.

This programme has supported 15 schools local to our sites and we intend to continue to expand this to all new projects that we are developing.

At one of our wind farm developments, over 950 students have benefited from educational workshops, including over 330 students in 2025/26. In-class workshops and site visits are organised and engage with interactive topics such as understanding the principles behind wind turbine blade design and biodiversity studies with a view to inspiring the next generation to continue to pursue these subjects and open their minds to a future career in the energy sector.

Across the lifetime of our existing operational projects alone we expect to provide bespoke educational activities and resources to over 10,000 children. We will be delighted to engage with schools local to the project to provide similar STEM educational support as part of the Belltown Education Programme. We are also in discussions with turbine suppliers and civil contractors.



Communities, education and the environment are at the heart of everything we do.

Paul Hewett, CEO Belltown Power UK

Environment

Everyone at Belltown Power is involved in the renewable energy industry through a desire to tackle the climate emergency and biodiversity crisis.



We will implement a comprehensive and tailored Habitat Management Plan in order to ensure that the project delivers a net ecological benefit through careful habitat design, creation and management. To date, this approach has been very successful across our operating portfolio.

Our sites have won awards for their quality, biodiversity, and good practice within the industry including the UK's first construction wildlife award from the Wildlife Trusts for the high standard of environmental management and commitment to protecting and enhancing the wildlife.

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Local Businesses and Suppliers – We Want to Hear from You

Belltown Power is committed to providing material benefit to the communities that host them. To ensure this happens we will use local supply chain where possible, where they are within 10% of the best quote tendered and meet the project's HSEQ requirements.



Through engagement with the Scottish Borders Chamber of Commerce and regional business representatives we will – at the appropriate point – identify and engage with local companies and supply chain who may be interested in getting involved in this scheme.

There are a wide range of services and suppliers required to build and operate a wind farm including but not limited to:

- construction, drainage and fencing contractors;
- materials suppliers and building merchants;
- plant hire and security;
- fuel providers and waste management; and
- local accommodation and car hire.

To understand the full range of opportunities available please register on our supplier database below so we can get in touch.

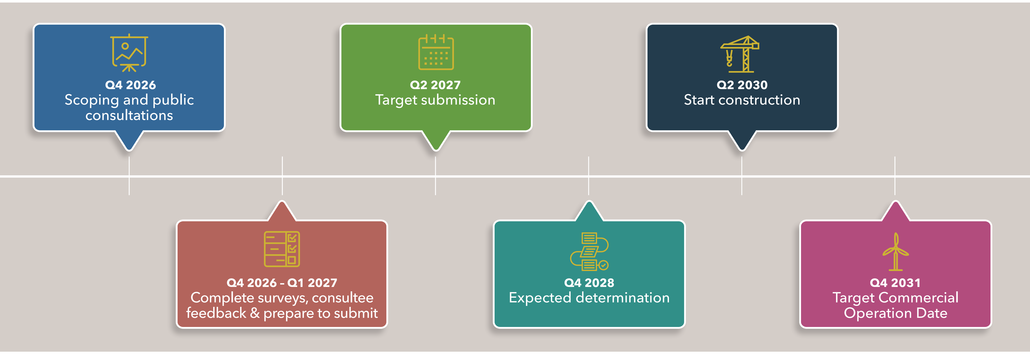
We will be holding "Meet the Buyer" events in due course, where you can meet the project team and we can learn more about your business and discuss opportunities to work together.



If you would like to know more we would love to hear from you. Just register with the QR code provided throughout our presentation or email us directly, and one of our team will get back to you and answer any questions.

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Timeline



The above timescales are indicative and subject to change.

Where We are with Our Proposal for Bowbeat Repower

Initial surveys underway and scoping submitted: We submitted a Scoping Request to the Scottish Government Energy Consents Unit in October 2026. A copy can be found in the 'Project Documents' section on our website or on the ECU website by searching for Bowbeat Repower.

Consultation and feedback – ongoing: Supporting materials for this public consultation can be found on the project website, which will remain online after the consultation event.

Next Steps

Further site assessment and detailed design: Once we have collected feedback we will further assess the site to feed into the detailed design process. We are committed to protecting the natural environment around our projects and aim to design projects that have a net environmental gain.

Submit the application for consent: We hope to submit an application for consent to the determining authority in 2027. There will be an opportunity for the public to provide feedback directly through the authorities website once the application has been submitted.

Speak to one of our team members or fill out a feedback form either here at the exhibition or on our website. Register for project updates through our website if you would like to be kept up-to-date.

Thank you for coming today

We hope you found this exhibition helpful. If you would like more information, please fill out a feedback form or speak to one of our team or contact us through the website at **www.bowbeatrepower.com** where you can request a call back. You can also email the team directly on **bowbeatrepower@belltownpower.com**