

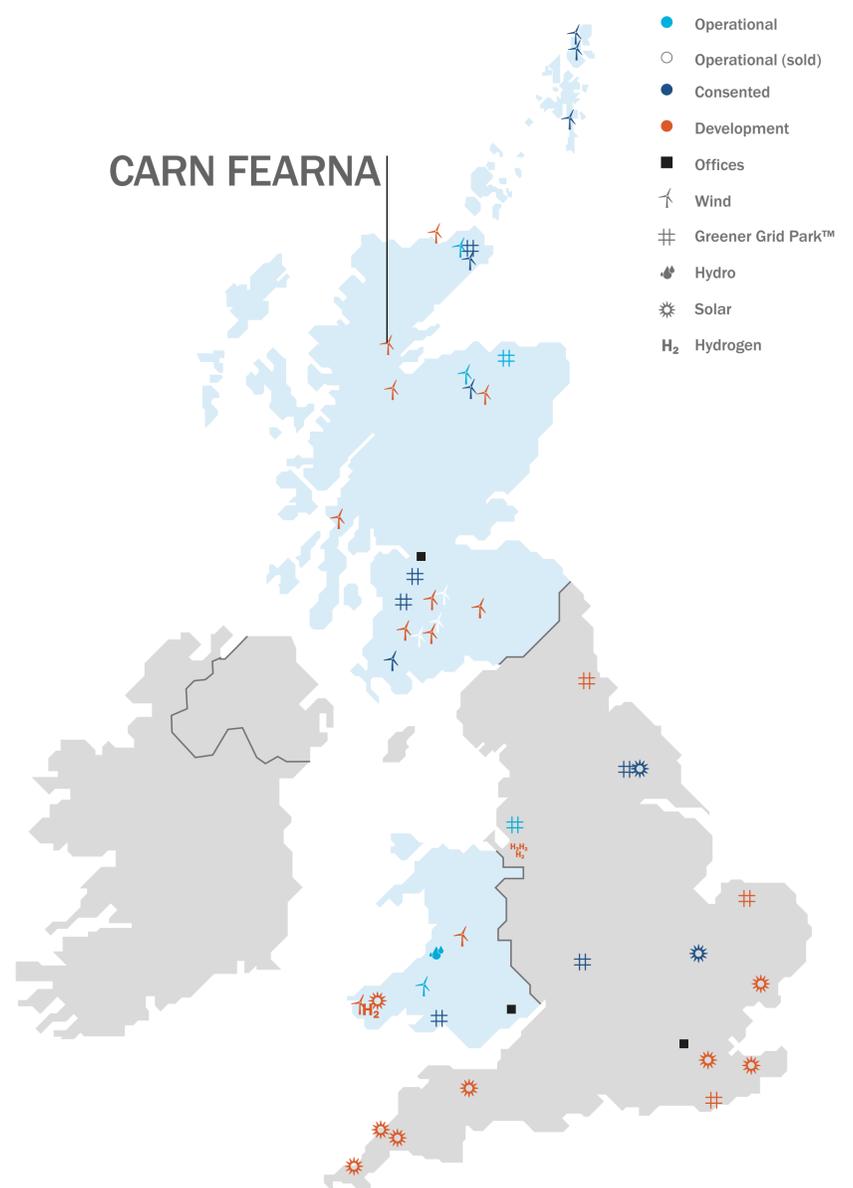


# Welcome

We are proposing **11** turbines with a maximum height up to **200** meters to blade tip. We will continue to evolve the design based on feedback.

## About Statkraft

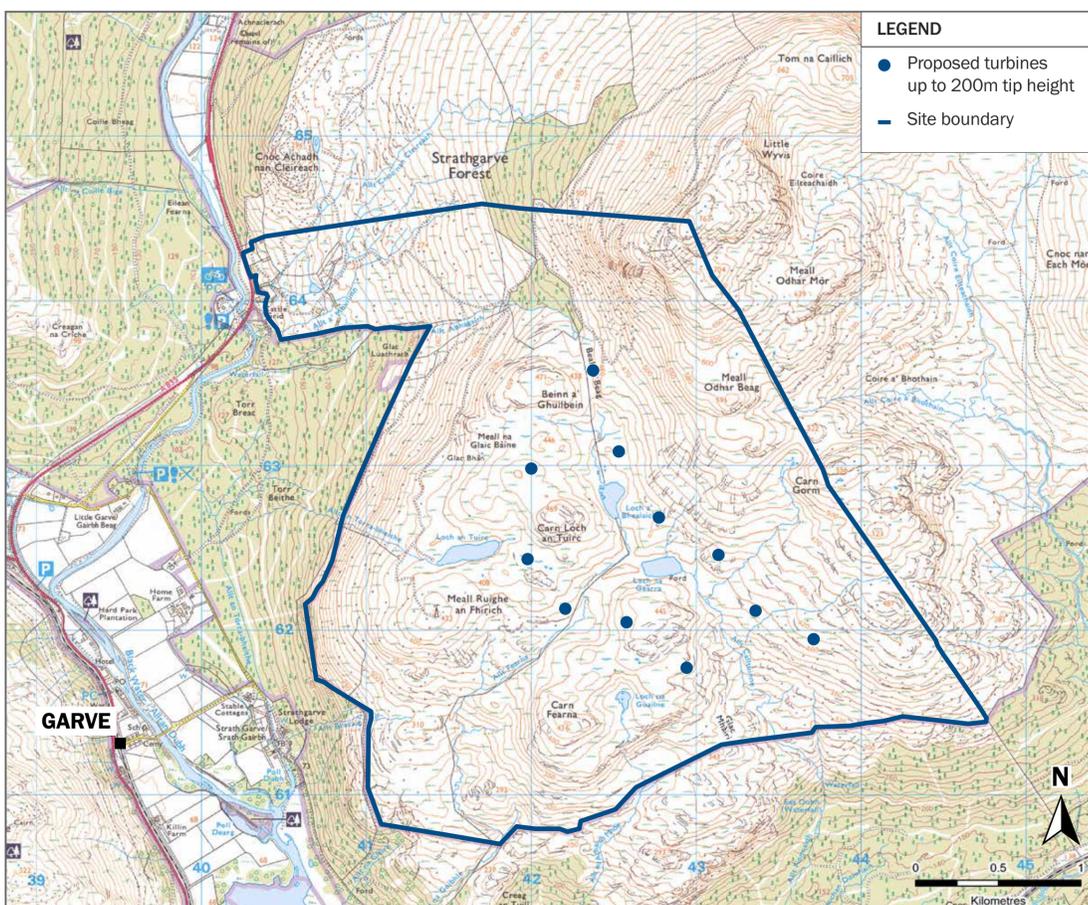
- The largest generator of renewable energy in Europe
- A state owned utility with origins in Norwegian hydropower over 125 years ago
- Operating in the UK since 2006
- Scottish Head Office in Glasgow
- Development pipeline includes wind, solar, hydrogen and grid stability services
- Six projects operating or in development in the Highlands
- Distributed over £4 million to communities near operating wind farms





# About Carn Fearna Wind Farm

We are proposing **11** turbines with a maximum height up to **200** meters to blade tip. We will continue to evolve the design based on feedback.



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Carn Fearna Wind Farm	
No. of Turbines	Up to <b>11</b>
Max Blade Tip Heights	Up to <b>200m</b>
Expected Installed Capacity <sup>(1)</sup> (MW)	Up to <b>73MW</b> (Section 36 consent application)
Estimated Generation (homes equivalent)	<b>60,000</b> Homes per year (2)
Community Fund (per year)	Minimum <b>£363,000</b> per year (3)

(1) Excluding potential Battery Energy Storage System elements

(2) Based on 11 x 6.6MW turbines, local wind resource assessment and average Scottish domestic consumption of 3,295kWh pa (DESNZ Dec. 2022).

(3) Based on 72.6MW x £5k per MW of installed capacity. If consented, value of fund determined by actual installed capacity.

The proposal will be refined throughout the development process as studies are completed and feedback received.

We welcome the views of the wider community to help inform our proposal.

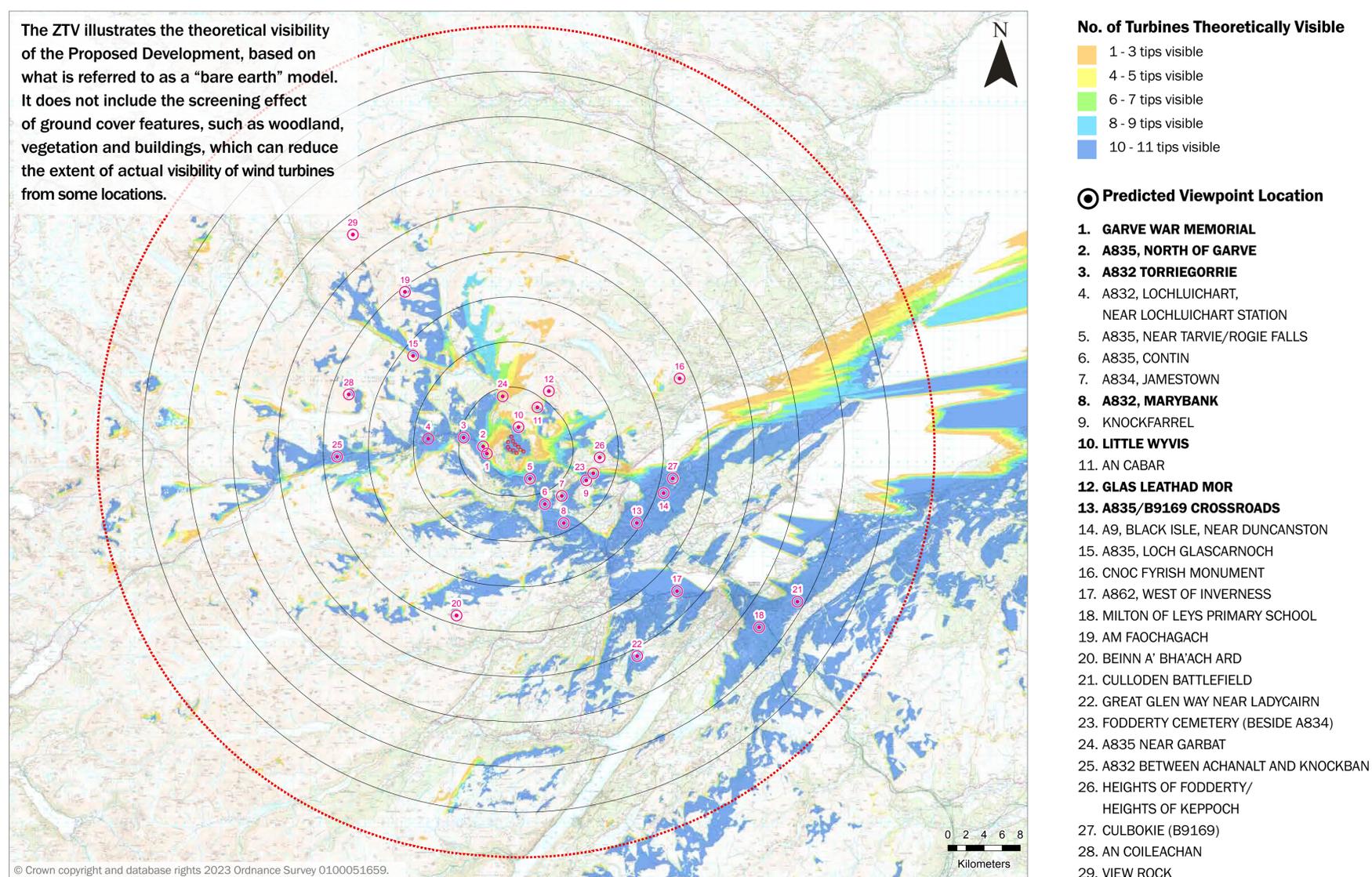
Our design will strike a good balance between maximising the electricity output of the site while carefully relating to the existing use of the site and landscape whilst working with the local landscape to reduce the visual impact on the surrounding area.



# What will Carn Fearna Wind Farm look like?

We understand that people in the community will want to know how our current proposal will look.

Today we can share what the current proposal may look like from local viewpoints.



We are working with The Highland Council and NatureScot to finalise the viewpoint locations for assessment. This means the viewpoint locations may change slightly between now and when we submit a Section 36 application. As the proposed turbines are over 150m and will require aviation lighting, night time viewpoints are also being agreed.

At this exhibition seven visualisations from local viewpoints are available to demonstrate how the current proposal could look.

In addition, a computer model is available to illustrate how the wind farm may look from other local viewpoints and locations of your choice.

A selection of the finalised viewpoint locations will be available to view at a second exhibition in Spring 2024, before submission.

Illustrations of all agreed viewpoints will be available as part of our application submission in 2024.



# Environmental Impact Assessment

The process of gathering robust environmental baseline data on a site is vital to designing a wind farm.

Surveys and assessments are undertaken by a team of specialist environmental and technical consultants. The results and findings will be detailed in an EIA Report, which will be publicly available following submission of an application.

## It will include:

- Landscape and Visual Amenity
- Ecology
- Cultural Heritage
- Forestry
- Geology, Hydrogeology, Hydrology and Soils
- Noise
- Traffic and Transport
- Climate Change
- Land Use, Socioeconomics and Tourism





# Project Timeline

**Statkraft will continue to engage with the local community and stakeholders throughout the lifetime of the Development.**





# The Value of Renewables

## Climate Change



Unprecedented heat, flooding and wildfires experienced across the globe this year will continue to increase if we do not reduce our carbon emissions. The Scottish Government has set a legally binding target to achieve net-zero emissions by 2045, a goal supported by The Highland Council. Developments such as Carn Fearnha Wind Farm are key to meeting this target, reducing reliance on gas and coal fired power stations, increasing domestic energy security and helping to meet the energy demands as we electrify transport and heating.

By 2030, The Scottish Energy Strategy calls for 50% of 'all energy' to come from renewables. To meet this target we need to plan, build and begin operation of 6.6GW of renewable energy projects by the end of the decade, a significant increase on the 13.4GW of projects already operating across Scotland. Onshore wind is one of the cheapest ways to help achieve this ambitious target, and will play an important role in meeting energy targets beyond this.

We will assess and report on how long it will take for clean, renewable energy generated by the wind farm to off-set the carbon emitted during its construction, referred to as the proposal's "carbon payback period". This is typically a fraction of the wind farm's overall lifespan.

## "We need more renewable energy, but why here?"



This is one of the most common questions we are asked when we propose a wind farm. This is a very understandable question, and the answer goes beyond the fact that Scotland has one of the strongest wind speeds in Europe. We were pleased to be able to answer this question with the detail it deserves during a webinar hosted by the news website FutureNetZero. You may be surprised to know that our analysis shows less than 10% of land in Scotland is suitable for development of onshore wind.



Scan here to watch the webinar.



**RICHARD MARDON,**  
VP Development, Statkraft UK

Richard takes us behind the scenes of the development process, with a step by step guide on the challenges faced in finding the best sites to maximise Scotland's excellent natural wind resource.

Since 2002 Richard has worked exclusively in onshore wind in the UK, and has had oversight of the development, construction and operation of several completed Scottish wind projects.



Twentysilling Hill Wind Farm, Dumfries & Galloway, 9 turbines, 140m tip height



# Community Benefits

We like our wind farms to be considered a local asset. We look forward to engaging with the communities to find out different ways we can bring positive benefits to the local area.

Some examples of projects that have received funding through Community Benefit Funds



New business grants – North Coast Watersports



New and upgraded playgrounds



Funding for School Uniform Banks



Maintaining and Upgrading Recreational Paths

## Community Benefit Fund

We are committed to setting up a Community Benefit Fund that delivers £5,000 per MW installed per year in line with Scottish Government recommendations.

## Shared Ownership

We are open to offering shared ownership on our projects, if there is local interest. We are keen to hear your views on enabling the community to have a financial share in the project.

## Local Supply Chain

We want to work with local business groups to increase awareness of the opportunities during construction and operation of our projects. Visit our project website to find out how local businesses can register their interest to help deliver our project.

## We want to hear your views

Do you have thoughts and ideas about how our project could bring positive benefits to the local area?

Please share these by speaking to a member of the Team, write to us at Freepost Statkraft, or get in touch through the project website.



# Thank you for visiting

Your comments and feedback are important to us.



We are continuing work on refining our proposal and studies for our comprehensive Environmental Impact Assessment Report (EIAR) to be submitted with a future application. You can find out more about what is included within the EIAR on our project website.

When the proposal is submitted interested parties and statutory consultees will have the opportunity to formally comment on the application. All of the information will be available to view on the consenting authority's and our project website at the time of submission.



Please return the freepost reply card provided.



Visit the project website:  
[www.carn-fearna.co.uk](http://www.carn-fearna.co.uk)



[UKProjects@statkraft.com](mailto:UKProjects@statkraft.com)



Phone the project hotline:  
**0800 772 0668**