

RWE

Inveroykel Wind Farm



Our design journey




Rosehall Wind Farm

Thank you for attending this consultation for our Inveroykel Wind Farm. There are a number of staff on hand who will be happy to talk you through any of the material and answer any questions that you may have.

Since our first public consultation event we have incorporated feedback and can now show a revised design.

It is essential that the local community and other stakeholders are given the opportunity to view the proposal and, importantly, feedback their views.


After further design inputs we have revised our design for the Wind Farm. This has resulted in a reduction in the number of turbines from 29 to 20.



20

Number of turbines


Initially 29 turbines



200-230m


Maximum blade tip height

18 up to 230m & 2 up to 200m




Up to 132 MW

Installed capacity



Up to 115,000

Homes powered*

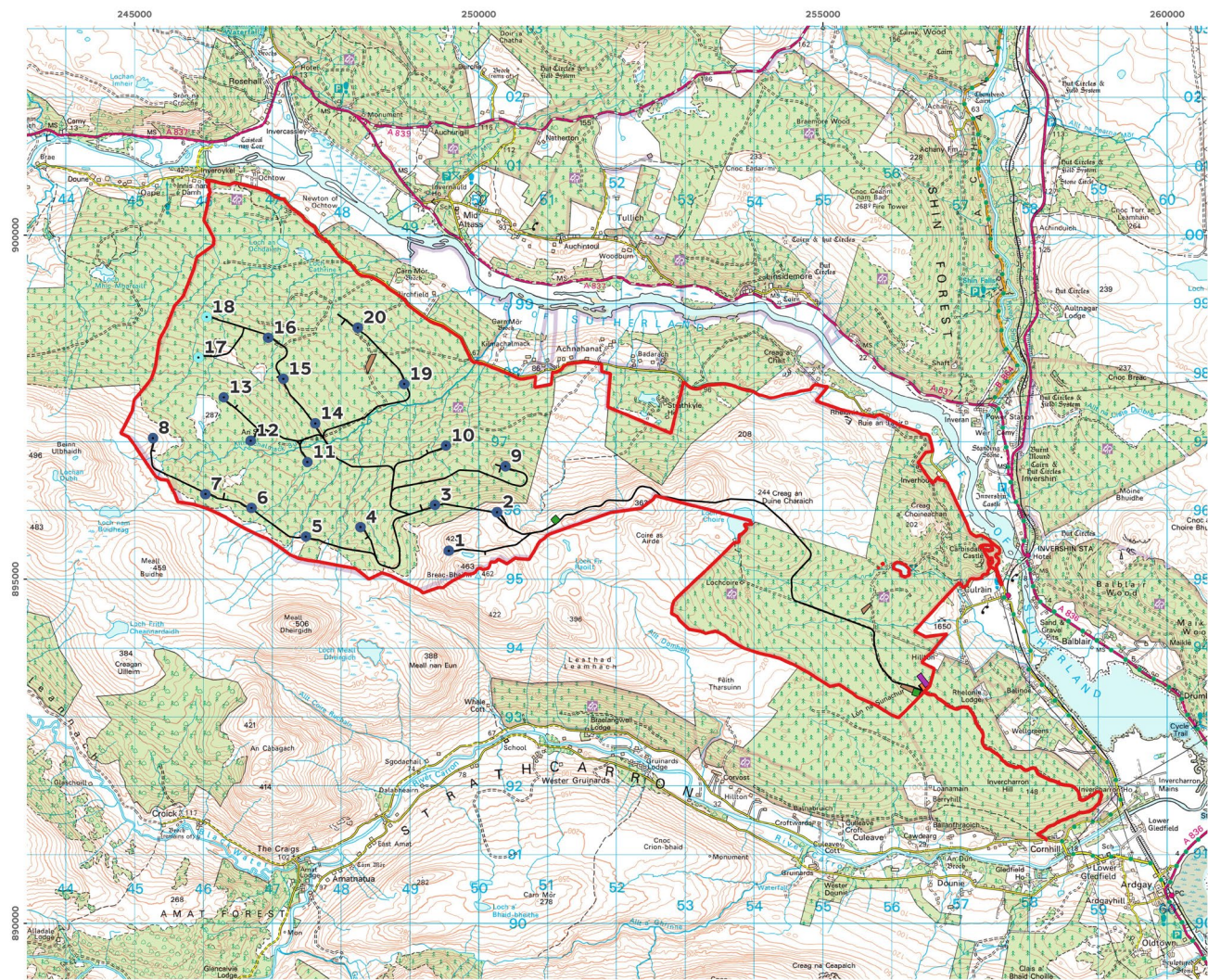


Up to £660,00

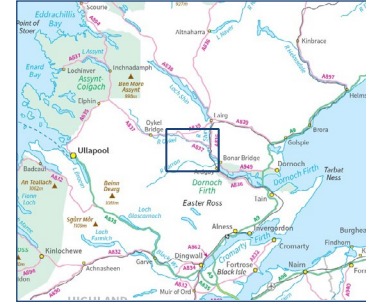
Annual support for local communities**

* Based on average household electricity consumption of 3,509kWh source (Ofgem)
 ** Based on Scottish Government Guidance of £5,000/installed MW/Annum

Inveroykel Wind Farm



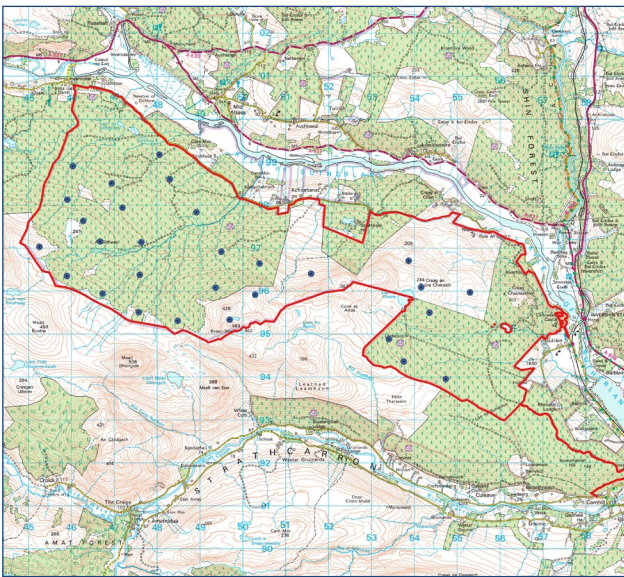
- Site Boundary
- Battery Storage
- Borrow Pits
- Control Building
- Construction Compounds
- Cranepads & Laydown
- Access Track
- Proposed Turbines 230m to Tip
- Proposed Turbines 200m to Tip



Design evolution

Scoping & exhibition layout 2024:

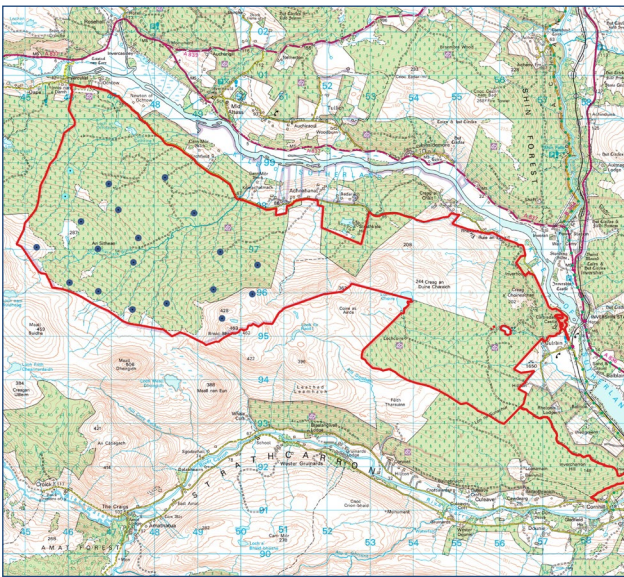
29 turbines, up to 230m to blade tip height.



Site Boundary 29 Turbines - Up to 230m

Current layout:

20 turbines, 18 turbines up to 230m and 2 turbines up to 200m to blade tip height plus battery storage.



Site Boundary 18 Turbines - Up to 230m
2 Turbines - Up to 200m

Since the first public exhibition in November 2024, there have been some key changes to the site.

The key design drivers have been results of:

- Environmental surveys - primarily peat depth and condition surveys.
- Landscape assessments including consultation with Highland Council and Nature Scot.
- Feedback from local residents.
- The wind resource data we have collected.

Key changes to design are as follows:

- Eight turbines were removed from the east of the site to reduce landscape and visual impacts, particularly on the Dornoch Firth National Scenic Area. One turbine in the north west was also removed to address residential amenity.
- The new proposal will consist of 18 turbines at a 230m tip height and 2 turbines reduced from 230 to 200m tip height. This is to ensure that the site, when viewed from key viewpoints is more consistent with consented schemes.
- Positioned turbines to avoid areas of deeper peat and where possible locate turbines in areas where peat is in a poorer condition.
- Maximise the potential available wind resource by spacing turbines with regard to prevailing wind direction and terrain impacts.
- Other site constraints considered in the layout included ecological constraints, proximity to watercourses and other sensitive areas.

Battery storage




We are planning to install co-located battery storage on site.

With the increase of renewables being deployed, greater flexibility is required within the electrical system to manage fluctuating supply and demand.

Energy storage can provide this necessary flexibility, while also providing additional services that facilitate the safe and efficient operation of the grid.

It is expected that Lithium-ion batteries will be installed. This battery technology is well suited for short-duration energy supply due to the speed at which they can be charged and discharged when required.

 **130 MW / 520 MWh**
Installed capacity (4 hours)

 **~ 210m x 79m**
Footprint

 **Lithium-ion**
Batteries

 **~ 144 x 20ft**
Battery containers

 **~ 36 x 20ft**
Inverter containers

How the wind farm could look

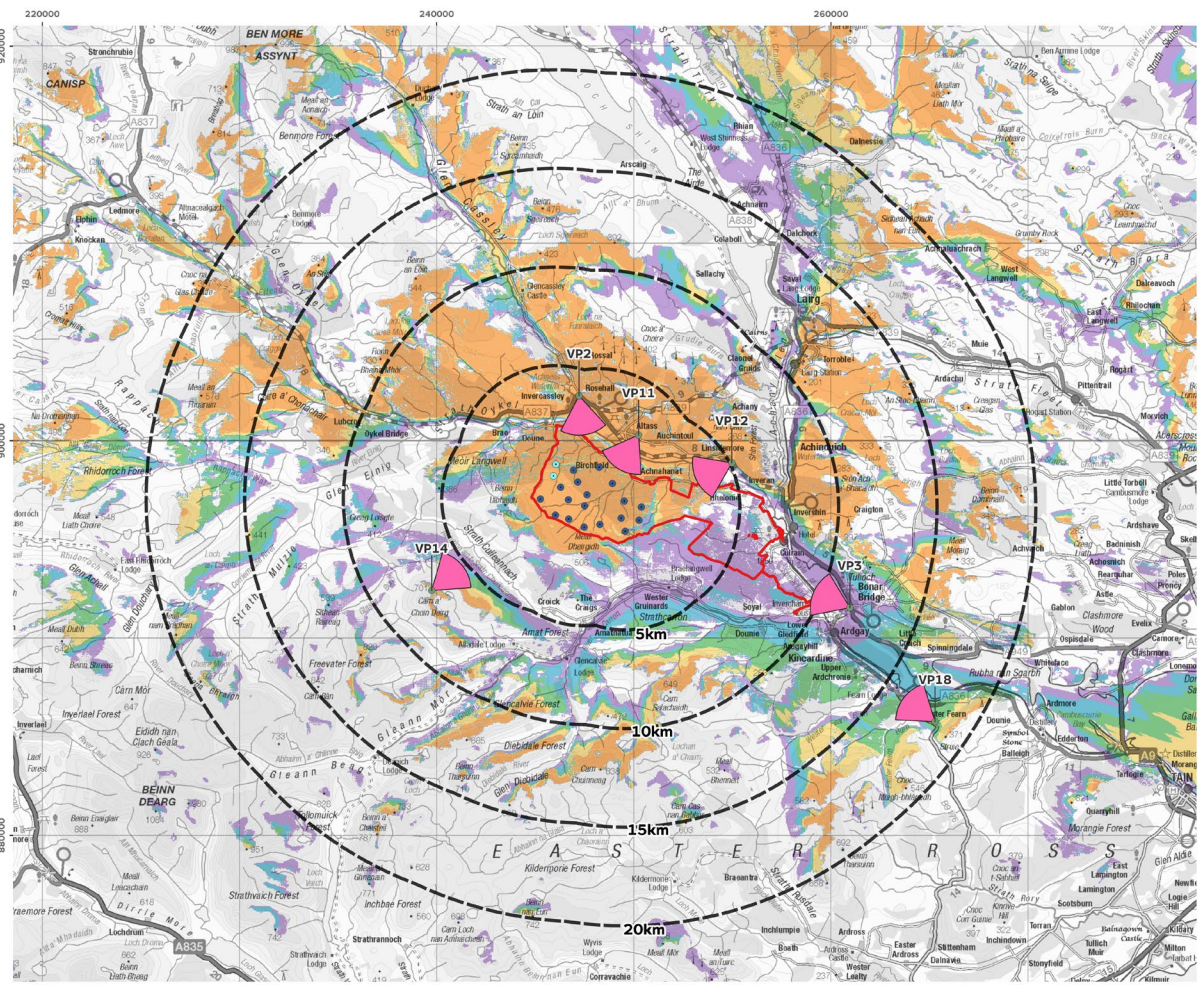
Our proposal is for 20 turbines with a total generating capacity of up to 132 MW plus battery storage.

At this exhibition we are displaying a number of representative visualisations from the surrounding area. These include:

- VP2 Cassley Bridge
- VP3 Bonar Bridge
- VP11 Achintoul
- VP12 A837 Linsidermore
- VP14 Carn a' Choin Deirg
- VP18 B9176 Struie Viewpoint

The planning application itself will include 20 visualisations from a wider geographical area and will include a selection of night-time visuals.

The ZTV (Zone of Theoretical Visibility) presented here shows where the wind farm could be seen, assuming a landscape without any surface features (for example it does not take into account any natural or built elements like trees or buildings) which can limit how much of the wind farm is actually visible.



- Site Boundary
- Turbine Buffer
- Proposed Turbines 230m to Tip
- Proposed Turbines 200m to Tip
- Viewpoints

Number of turbines theoretically visible to tip height	
1 - 4	5 - 8
9 - 12	13 - 16
17 - 20	



Existing view



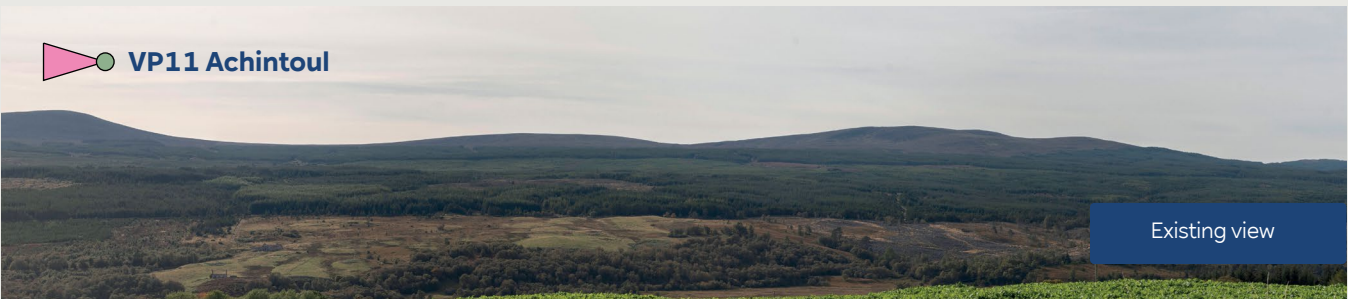
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Existing view



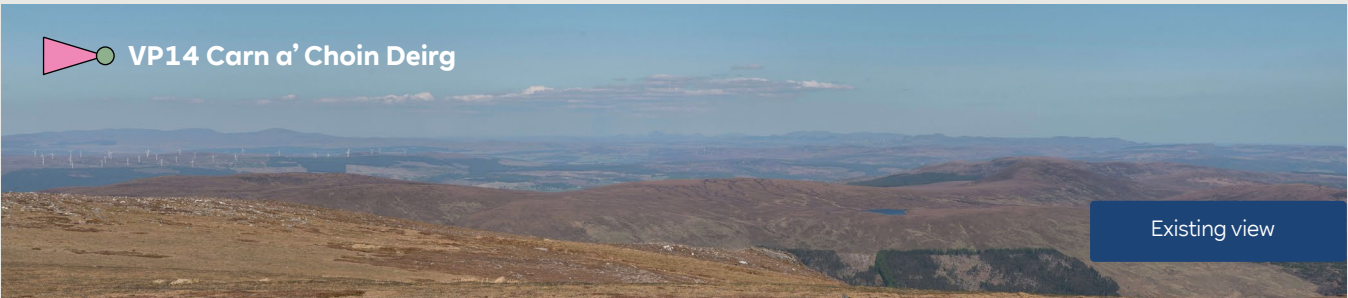
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Existing view



Photomontage



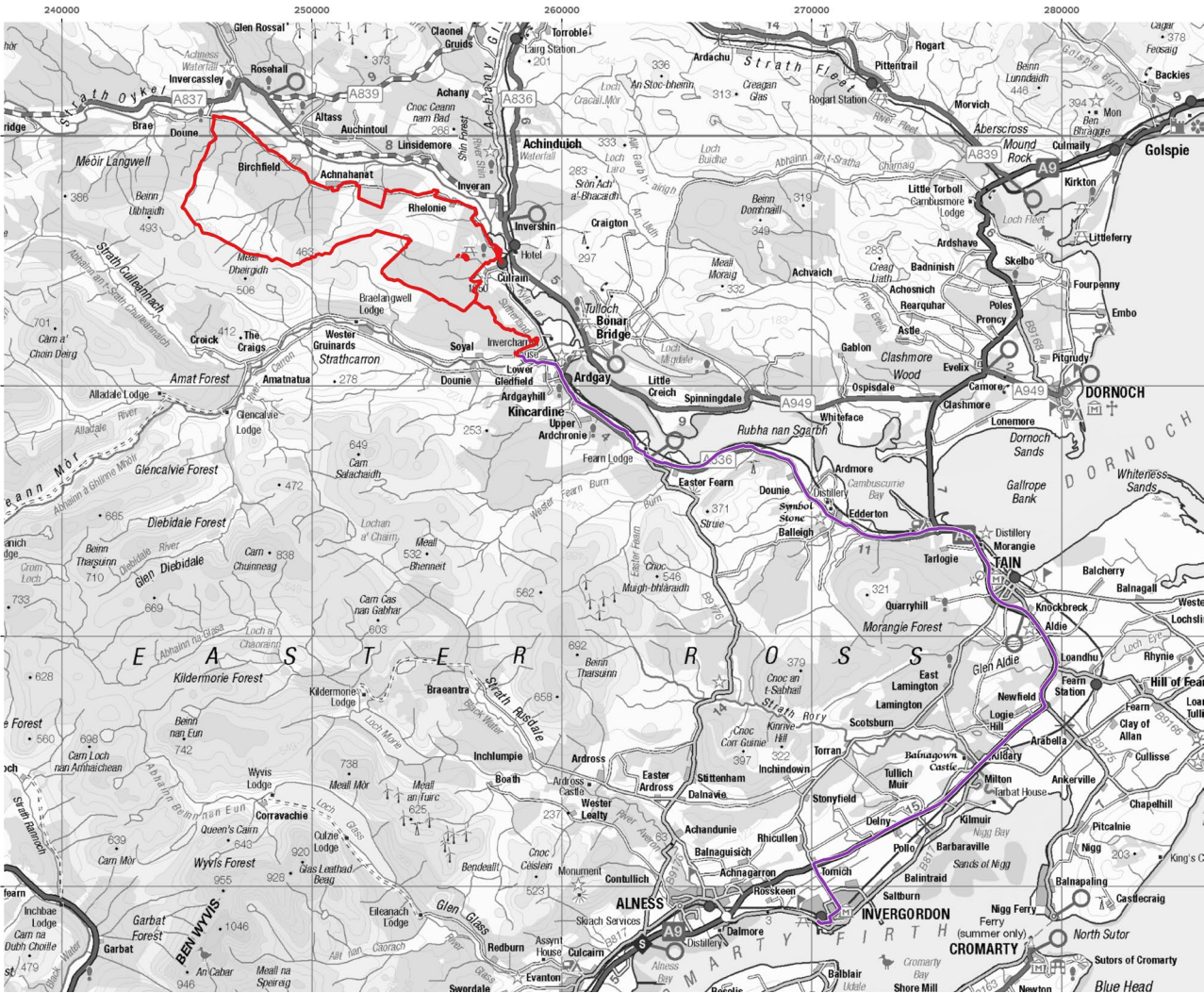
Bringing the turbines to site

We've shown two possible routes on this map.

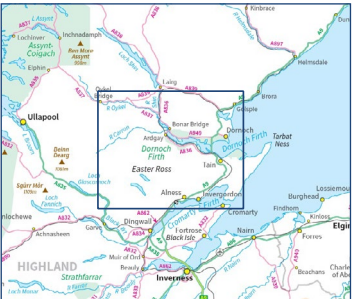
We propose to ship the wind turbines to either the Port of Nigg or Invergordon and then transport them by road along the A9 or B9175 and finally along the A836 and Church Street where the primary access will be via the existing forestry track.

We understand these deliveries may impact the surrounding community, so we would like your opinions on the proposed routes.

We'd also like your feedback on the timing of turbine deliveries and speed restrictions on heavy goods vehicles near the wind farm site. This will allow us to create a traffic management plan that addresses concerns and minimises the potential impact on the local community.



- Site Boundary
- Turbine Delivery Route from Invergordon



Project timeline Inveroykel



What happens next?

In the coming months we'll be finishing off our environmental assessments. The results will then be presented in the form of a planning application which will be submitted to the Energy Consents Unit (ECU).

You can find out more information on the ECU planning portal using reference **ECU00005210** or by searching **Inveroykel**.

Have your say



Thank you for taking the time to view the Inveroykel proposal.
You can provide feedback using the following:



Complete a feedback form (via post or online):

RWE, Ground Floor
Earn House, Broxden Business Park
Perth, PH1 1RA



If you wish to contact a member of the Inveroykel Wind Farm team you can email us at:

Inveroykel@rwe.com

An online copy of this exhibition can be found at:

rwe.com/Inveroykel

Please note that feedback forms should be returned no later than **27th June 2025**.

Receiving comments at this stage helps us further refine our plans and take into account any key issues that arise locally.

Please note that any comments made to RWE are not representations to the consenting authority. Once RWE submits a Section 36 application, there will be an opportunity to make such representations on that application to the Scottish Government Energy Consents Unit.





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