

North Kyle Energy Project: Community Information

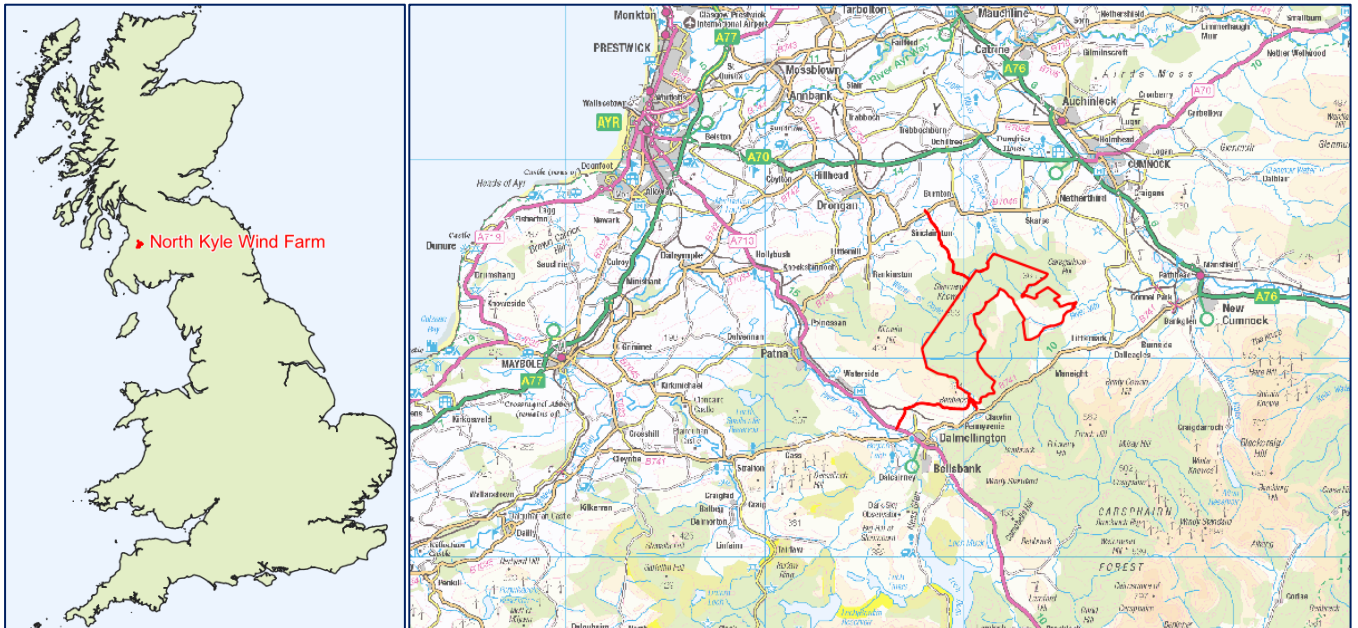
May 2023



www.brockwellenergy.co.uk

Construction timeline & potential disruptions

Brockwell Energy Limited has been developing the North Kyle onshore wind farm since 2016. Brockwell is an Edinburgh based renewable energy development business actively developing an £800m portfolio of renewable energy projects across Scotland. North Kyle is Brockwell's flagship onshore wind project and at 220MW is of national significance, but also offers a unique opportunity to start the redevelopment of an area that surrounds one of the largest derelict surface coal mining sites in Scotland.



Contains public sector information licensed under the Open Government Licence v3.0.

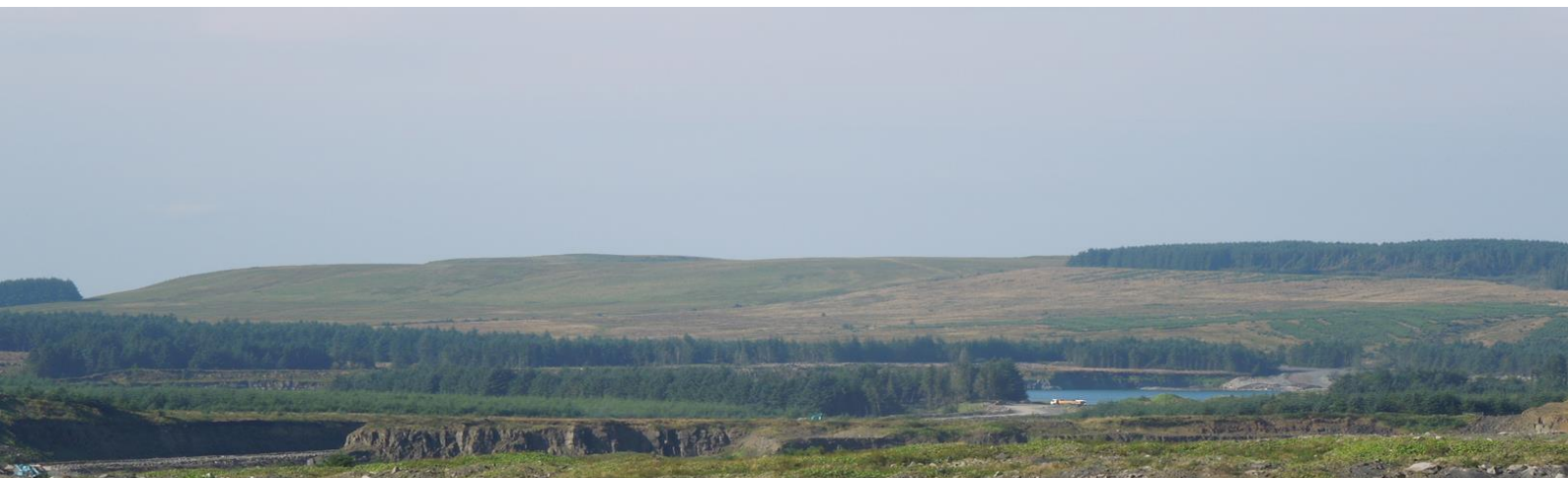
North Kyle is located within East Ayrshire, approximately 5.5 km east of Patna, 6 km west of New Cumnock, and 2.5 km south of Skares. Planning consent was granted by Scottish Ministers in 2021, and variations were approved in March 2023 in order to optimise the site.

The wind farm will consist of 49 turbines which have a maximum tip height of 149.9m and will provide a total generation capacity of 220.5 megawatts.

As we prepare for the start of construction, we are eager to ensure that local communities understand:

- our timeline and when potential disruptions may occur.
- the mitigations we are putting in place to minimise any such disruption.
- what to do if you experience any unreasonable disturbance.

While we hope to minimise potential disruptions through our working practices wherever possible, we appreciate your patience and welcome any feedback.



Frequently-asked questions

Noise

We anticipate potential noise disturbances during construction of the wind farm infrastructure when forming borrow-pits on the site. Borrow-pits provide important roadstone for the site, and their creation reduces the amount of roadstone that needs to come to the site from elsewhere. If formed on site, potential disturbances may include infrequent short blasts during the day. We do not expect there to be any dust impacts from the borrow pit activities due to the distance from residential properties. As noted above however, using stone that is already on site will reduce the volume of HGV traffic visiting the site from elsewhere. Final studies are currently ongoing to ascertain whether all the required roadstone can come from such sources or if we will be required to import materials from a local quarry.

Turbine installation is scheduled for Spring 2024 and at this time securing bolts at the base of the turbines may incur some noise disturbance. Installation will mostly take place during construction hours, however there may be some instances where such works will need to occur in the evening or on Sundays if we are at a critical point where ceasing work would create health and safety risks. We will of course engage with the local community ahead of this critical phase of construction, however, please be aware that the likelihood of noise being generated outside of working hours is unlikely, but is unpredictable, and it can therefore be difficult to provide advance warning in every case.

Water supply

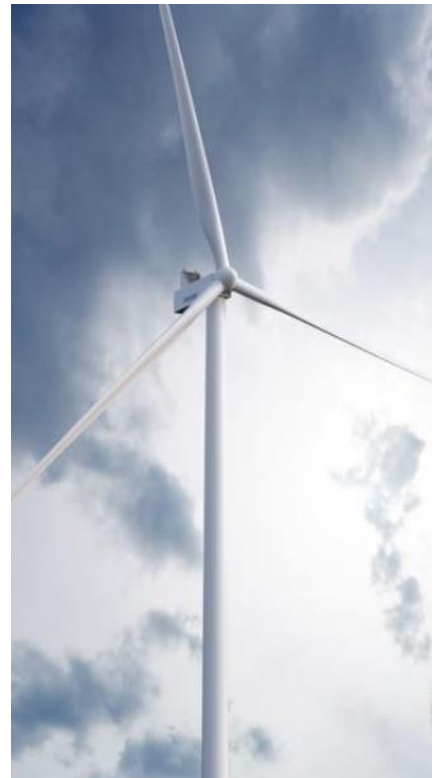
The development has and will continue to monitor local water sources to ensure the wind farm's construction and operation does not pollute existing supplies in any way. The risk to water pollution is low, and there are no private water supplies within 250m of the site. Nevertheless as a precaution all necessary measures will be taken to minimise or mitigate any risk and immediate action will always be taken should any event occur in this regard.

Transport

The highest risk of potential traffic delays on the local road network will take place in the spring and summer of 2024 and the spring of 2025 when turbine components are transported to site. However, to minimise any disruption, our current plan will see these vehicle movements take place at night and for the avoidance of doubt, we do not anticipate the need to make any adjustments to the local road infrastructure.

We have further taken steps to split these abnormal loads between the Chalmerston site access off the A713 west of Dalmellington, and the A76 Skerrington Roundabout via Glaisnock Road through to the old House of Water mining complex near Dalgig.

More information regarding routes and timings will be shared on our website, via local media and regular updates to the 9CCG (an established body of representatives from nine Community Councils in the area) in advance of this phase commencing. More generally, a North Kyle wind farm representative will be identified closer to the time to whom all road safety concerns can be referred.



Frequently-asked questions

The project's Construction Transport Management Plan is currently in preparation and will be available for review following its approval by East Ayrshire Council on the Council's online Planning Portal. This outlines that fabricated components will come from Glasgow's King George V Docks and the Port of Ayr. The routes are then via the A713 to the existing Chalmerston entrance, or from the same dock via the A76 and Glaisnock Road, turning right before Dalricket Mill to the entrance of the former mine at House of Water. The transport of the Scottish Power Energy Networks (SPEN) transformer to site is also expected to adopt the route via the A713 and Chalmerston entrance in early 2024.

Roadstone and quarried materials, if not won from borrow-pits onsite, will be delivered from local sources using conventional HGVs throughout the June 2023 to December 2024 construction phase,

Timber exports by HGV are expected to commence in July 2023 and run until December 2024. These are expected to be mainly leaving the site from an already established access road at the Piperhill entrance onto the B7046 and then the A70.

What are borrow-pits and how many will the wind farm require?

Borrow-pits are areas within the wind farm site where raw materials such as roadstone can be extracted for use on the construction of the wind farm. This approach avoids importing rock from another source. Creating borrow-pits will incur some noise disturbances but will also reduce the amount of HGV traffic.

It is anticipated that North Kyle will source site-won rock from three sources within the site boundary. On completion of the Works these borrow pits will be restored.

Are there any breeding bird nests on the site?

There have been a number of breeding bird nests on the site, and we have made and will make changes to our construction plans to avoid potential interference. A breeding bird protection plan has been created with input from our ecological advisors and approved by East Ayrshire Council. We have carried out walkover surveys twice per week during the breeding season and have delayed construction to avoid sensitive periods.

Black Grouse are present in the area and specific measures to minimise any impact on such sensitive creatures are built into our construction plans. These include reducing vehicle speeds and ensuring that there is no vegetation clearance or construction activity within 500 metres of Black Grouse 'leks' in breeding season, and that turbines located close to "leks" are curtailed (stopped) from operating during dawn and dusk periods in the breeding season.

Will I see the wind farm from my home?

Visualisations of North Kyle are available from a number of different vantage points. Its scale and position on a hill means that the wind farm is visible from a distance but for the most part is well set back from surrounding communities. You can view these visualisations by visiting the Energy Consents Unit website.

Other than small infra-red lights for aviation safety, the wind farm will not be illuminated in any way. The infra-red lights to be used are not visible to the human eye, and are approved by the Ministry of Defence.

