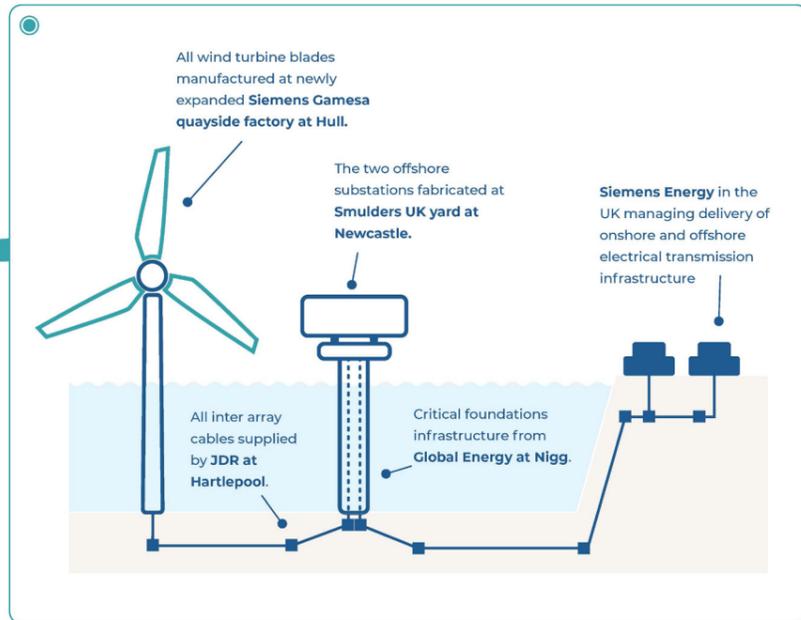


Supply Chain

Moray West and major UK Supply Chain Successes

Through close collaboration with suppliers the **Moray West Offshore Wind Farm** is supporting key manufacturing and fabrication capacity in the UK, supporting investment and jobs at these facilities and the broader supply chain to these suppliers.



CROMARTY FIRTH PORTS
Cromarty Firth ports secure further installation related work.



BUCKIE
Buckie hosts construction management office and a new operations base creating new long-term jobs



ABERDEEN
Seaway 7 office in Aberdeen managing installation of inter array cables.



EDINBURGH
Ocean Winds development and project management office



Moray West Offshore Wind Farm

Winter 2023

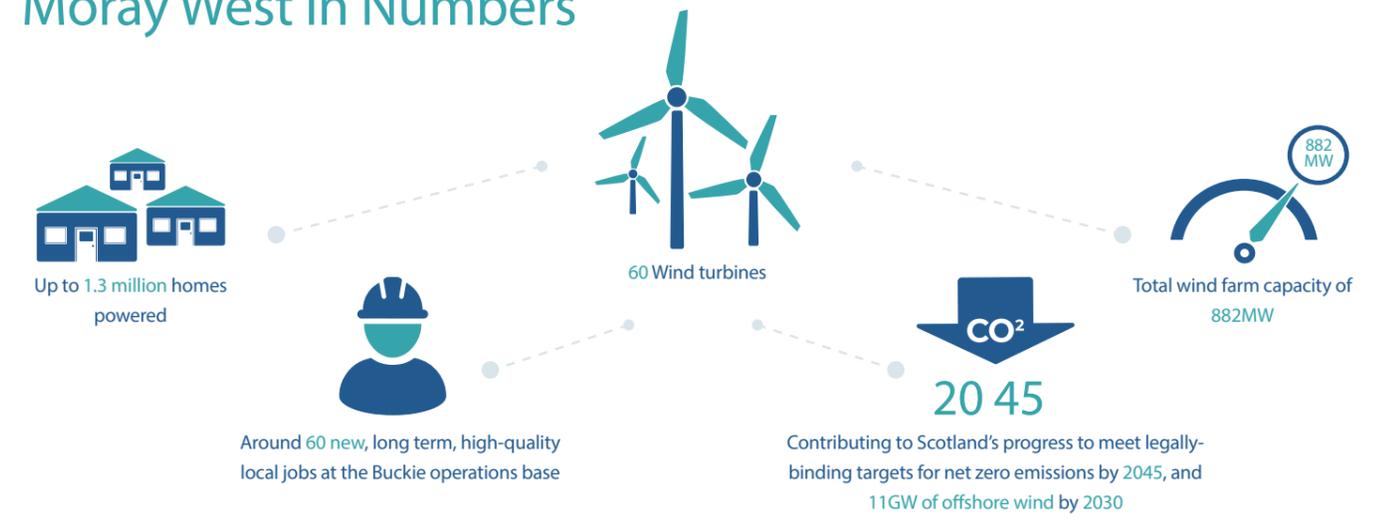
Welcome to the latest Moray West Offshore Wind Farm newsletter.

In this newsletter, you can find more details on the onshore and offshore works that are underway to construct the wind farm, the work our team has been doing on supporting local supply chains, and how you can get in contact with us.

About Moray West

Moray West Offshore Wind Farm is a project being developed by Ocean Winds, who have a significant shareholding in the neighbouring Moray East project and are leading the development of the adjacent Caledonia offshore wind farm. Construction of the project has been underway since early 2022 – putting Moray West Offshore Wind Farm on track to generate first power in 2024, delivering a major boost to Scotland's green energy generation and creating long-term local jobs.

Moray West in Numbers



Keep in Touch

Moray West is committed to close and continued engagement with the local community as construction of the wind farm continues. Please keep in touch, and send us your queries and comments.

- You can view our plans in detail at our website: www.moraywest.com
- Any other questions or inquiries about the project can be sent to info@moraywest.co.uk or our Stakeholder Manager Roger McMichael at roger.mcmichael@oceanwinds.com or 07717 367150.
- If you have any questions or issues during the onshore cabling works, our enquiry line is in operation 24/7 at 01343 250010 and our operatives will direct your query to the appropriate place.

Innovative

The wind turbines currently being installed on the Moray West project are the largest used anywhere in the UK. The blade tips will reach 260m above sea level and cover an area larger than five international football pitches per rotation. By using innovation in power conversion, blade design, and manufacture, each wind turbine generator is capable of producing up to 14.7 MW each!

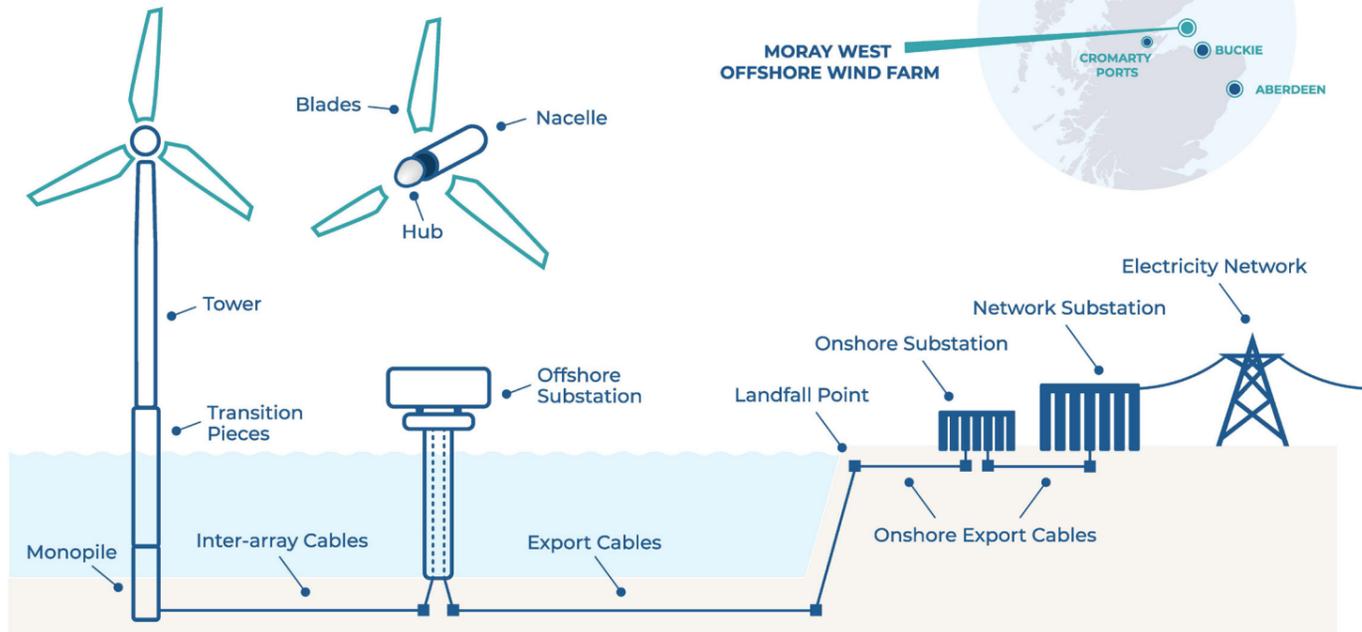
Moray West Wind Farm has pushed the boundaries in design and manufacture, helping to increase efficiency and reducing the cost of energy.

Delivering the Project

Since our last newsletter in Summer 2023, the peak of the onshore construction work has passed and is beginning to wind down as we ramp up our offshore activity.

Moray West Offshore Wind Farm

The Moray West Offshore Wind Farm is made up of thousands of individual components. The diagram below summarises the main components, which are each delivered by specialist teams in the project working closely with the relevant suppliers.



Offshore Works

Preparatory Works

Moray West worked with EODEX UK to pilot an innovative low order deflagration technique to clear over 80 unexploded items of ordnance (UXOs) from the project site with a 100% success rate. This marks a ground breaking advancement in marine protection and avoided completely the use of loud and disruptive High Order detonations which can have negative environmental impacts.

Foundations

The monopile installation campaign is well underway in the Moray Firth from their marshalling point at Invergordon. The transition pieces (TPs) have started to arrive in Port of Nigg. Their installation has begun, starting with the TPs for the two offshore substations.

Offshore Substations (OSPs)

Having been manufactured in Wallsend, the OSPs are now in Nigg, with their installation expected over the Christmas period.

Wind Turbine Generators

The wind turbine components will arrive into the Port of Nigg in early 2024, with installation due to commence in April. It is anticipated that first power will be generated in the middle of 2024, with the wind farm complete and operational thereafter.



First monopile to be installed October 2023

Onshore Works

Point of Landfall at Broad Craig

The undersea offshore export cables have now been pulled in at the landfall point at Broad Craig where they will be connected to the onshore circuits. With the cables now installed, there should be no further temporary restrictions to use of the coastal paths.

Once the cable Joint Bay (which sits underground) is completed, restoration work should begin in spring 2024 so that the only visible footprint of the project at the site will be the manhole access cover.

Cable Corridor

The cables between Broad Craig and Whitehillock have all been pulled through the previously installed ducts, with only the cabling between Whitehillock and Blackhillock remaining to be installed in the ducts.

Backfill burial and levelling of the ducting has been completed along the full length of the cable route. Jointing and testing the installed cables continues. Initial site restoration of the cable corridor will start in spring 2024 and continue through into 2025.



Cable Pull in at Broad Craig



Buckie O&M Base and Pontoon

Operations & Maintenance (O&M) Base Buckie

Work continues apace on the new O&M base that will house ~60 staff who will maintain the wind farm once it is operational. Quayside upgrades are almost complete with new pontoons added to access up to 3 Crew Transfer Vessels (CTVs) that are supporting offshore construction before operation begins. Two cranes will be installed in 2024, rounding off construction.

Whitehillock Substation

The civils work is now complete, and the majority of the High Voltage (HV) equipment has been installed on site and commissioning started. The substation remains on track to connect to the National Grid transmission infrastructure at the nearby Blackhillock substation in 2024.



Whitehillock Substation

Horizontal Directional Drilling (HDD)

All 12 of the Horizontal Directional Drilling (HDD) sites are now complete and all of the ducts are now installed along the cable corridor route.

