

Construction Update

Landfall works

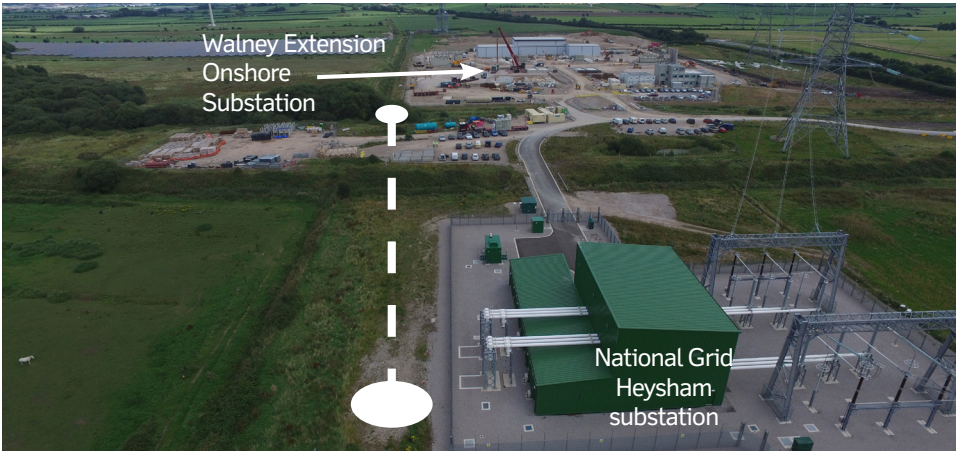
You may have seen the landfall works being carried out at Middleton Sands over the summer months. **Guy Bachell, DONG Energy’s HDD Consultant, provides an update on these works as they near completion:**

“The two Horizontal Directional Drilling (HDD) ducts have been tested after being both installed and buried on the beach. The electrical cables from the wind turbines will eventually be pulled through these ducts and feed the electricity generated by the wind farm into the National Grid, so this is a key milestone for the Project. Our landfall works are due to be completed in September. The floating pontoon Linkflotes and the fencing which has been situated on the beach have been removed and the drilling equipment has now left site. There is just a skeleton crew who are tidying up and completing the final tasks, including the removal of anti-glider poles from the beach before demobilisation. We’re looking forward to the next stage of the works, which will be the export cable installation in spring 2017.”

Substation works

The construction of the substation in Heysham for Walney Extension is progressing well, with work such as electrical installation and commissioning still ongoing and the painting of the substation is still to be carried out. **Bryan Lynch, Onshore Cable Installation Manager for DONG Energy, explains what’s next for this development:**


“Works will soon be underway to connect the cable between Walney Extension Substation and the National Grid Substation at Heysham. These works will involve utilising Horizontal Directional Drilling (HDD) techniques to tunnel under a series of structures including: watercourses, utility services and a large, disused railway sidings embankment, previously used to transport fuel from the now redundant Heysham Shell Refinery. As our plans have now been agreed with National Grid, this gives us the green light for the works to commence at the end of August this year, and is another huge step forward for the onshore project.”





Contact us

To find out more or ask any questions about Walney Extension Offshore Wind Farm:

Contact our Community Liaison Officer Gill Mander:
Call 07402 402 692 or email: community@walney-ex.co.uk

 Call the Freephone Project information line on **0800 111 4478**
(9am to 5pm, Mon-Fri, with an answer phone facility to take calls outside of these hours)

 Email the enquiries address: walneyextension@dongenergy.co.uk

 Visit the Project website: www.walneyextension.co.uk

WALNEY EXTENSION

OFFSHORE WIND FARM
Community Newsletter
September 2016

Should you require this document in large print, audio or Braille then please call **0800 111 4478**

All graphics and maps in this document are for illustrative purposes only.
Dates and figures are based on available information and are subject to change.

Cover image: Low tide on the beach in Morecambe

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www.walneyextension.co.uk



Introduction

Welcome to the September community newsletter for Walney Extension Offshore Wind Farm.

As landfall works draw to a close, in this edition we will take a closer look at the turbines we will be using for this Project, provide a construction update and explore exciting environmental developments. If you have any questions about Walney Extension, please get in touch using the contact details provided on the back of this newsletter.

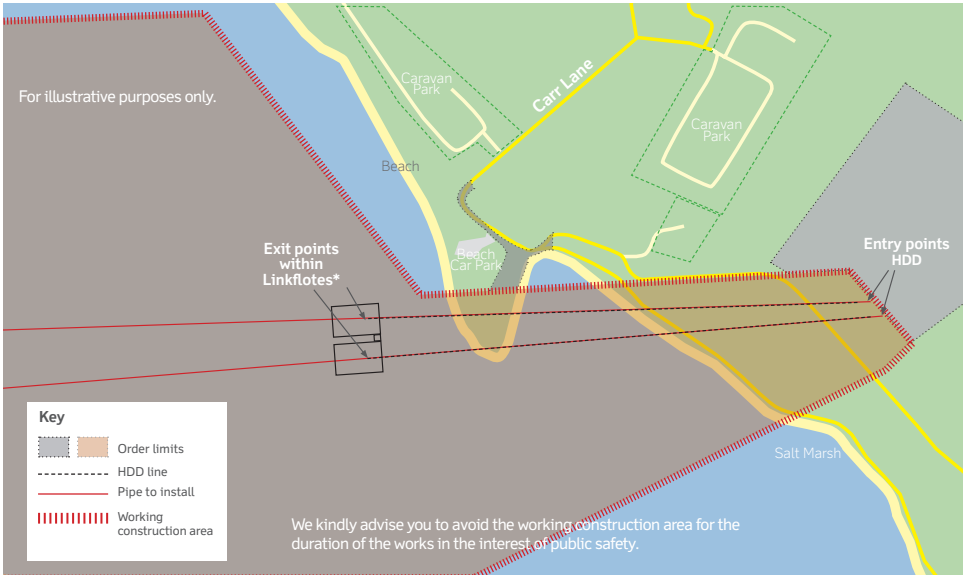


Where is Walney Extension?

Walney Extension Offshore Wind Farm will be located in the Irish Sea approximately 19km from Walney Island, 26km from the Millom Coast, 35km from the Fleetwood and Blackpool Coast, and 31km from the Isle of Man.

Public safety

In our last newsletter we advised that, during the landfall works on the beach, we encourage beach users to avoid the working construction area in the interest of public safety. We would still maintain this advice until the landfall works are complete in September, and will continue to monitor the works to ensure no-one enters the construction area.



* Linkflotes are watertight steel structures similar to storage containers that surround the HDD exit points on the beach.

Community Benefit Fund Update

DONG Energy have committed to a Community Benefit Fund worth approximately £600,000 each year for the lifetime of the Project. The first round of applications closed in July this year, and a wide variety of projects have applied including sports projects, community facility upgrades and conservation initiatives. Our expert independent steering committee, made up of local council and voluntary organisation representatives, will review the applications this autumn, with a view to making the first round of awards later this year. DONG Energy would like to thank those who have already applied, and look forward to the next application round which will close on 11th January 2017.

For full details of the criteria for the fund and funding area boundaries, please visit: www.grantscape.org.uk/fund/walney-extension-community-fund/

Alternatively you can contact GrantScape by phone on **01908 247634**.



Turbine facts

MHI Vestas Offshore Wind has been selected to supply 40 of the 87 turbines for Walney Extension and will supply blades for the Project from its UK factory on the Isle of Wight.



At the maximum hub speed of 13 rotations per minute (rpm), one blade rotation can power a typical household for **29 hours***



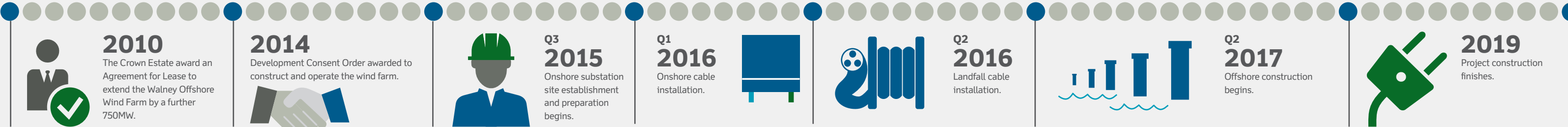
The swept area is around **21,000m²**, larger than the London Eye



One **8MW** turbine blade is the equivalent length of nine London buses parked end to end

*Turbine usually operates at around 10-11 rpm (around 50% of the time), which equates to a tip speed of 90 metres per second > 200 miles per hour

Project Programme



*All dates are indicative and subject to change.