

Barrow Offshore Wind Farm



 Orsted

Welcome to Barrow

Barrow Offshore Wind Farm was one of the first offshore wind farms built in the UK. Situated off the North West coast of England, it comprises of 30 turbines with a combined total capacity of 90 MW.

Ørsted is the largest offshore wind developer in both the world and the UK. Since 2004 we have been developing, constructing and operating offshore wind farms in the UK – our biggest market. Our 11 operational offshore wind farms are powering over 3.2 million homes and with another two in construction this number will rise to 5.5 million homes by 2022.

In addition to our offshore wind farms, we construct battery-storage projects, innovative waste and recycling technology and provide smart energy products to our commercial and industrial customers. We currently employ 1,000 people in the UK and have already invested over £9.5 billion. We will invest at least a further £3.5 billion by 2021.

We are committed for the long-term, both to leading the change to green energy, and to investing in the communities where we operate.



Where is Barrow?

Barrow Offshore Wind Farm is located in the East Irish Sea approximately 7 km (4.3 miles) southwest of Walney Island, near Barrow-in-Furness.



 Barrow Offshore Wind Farm

 Cable Corridor / Route

 Onshore Substation

 Operations and Maintenance Base

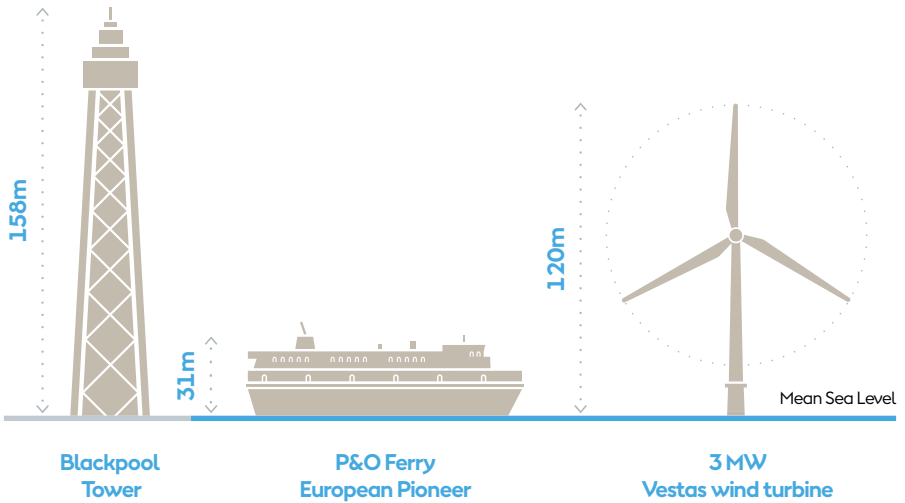
Ownership

The Barrow project is owned by Ørsted (100%).

How big is it?

The area covered is **10 km²**.

This is equal to **1,400**
Holker Street pitches, home to
Barrow A.F.C.



How much clean electricity does it produce?



The project has a total capacity of
90 MW

This means that each year it will
provide enough power for around
80,000 homes¹

Ørsted apprenticeship scheme

In 2018 Ørsted welcomed four apprentices in Barrow to start their careers as offshore wind turbine technicians, demonstrating our commitment to securing a workforce for the future. Working in partnership with Furness College, our three year apprenticeship scheme will offer our apprentices a mixture of classroom based learning and practical on site and offshore experience, helping them to gain the knowledge and skills they need for their future career as wind turbine technicians.

What has been the impact on the local economy?

Ørsted's investment in offshore wind projects off the coast of Barrow have had far-reaching benefits locally. Our wind farms have helped to deliver a significant boost to the local economy, sustaining a local supply chain and creating jobs for local people. Our offshore wind farms in Barrow have enabled us to place large-scale contracts with UK suppliers, which act as a catalyst for further investment and upskilling benefits across the local supply chain.

¹ We have based this on the BEIS 5-year average load factor of 38.6% and a household consumption of 3,828 kWh per year. Source: BEIS DUKES (2018), BEIS ECUK (2018)

Project Timeline



April
2001

Awarded a lease from the Crown Estate to develop an offshore wind farm at Barrow under Round 1 of leasing



March
2003

Planning consent for the Project awarded



2004

Onshore construction began



May
2005

Offshore construction began



March
2006

First power generated



September
2006

Inauguration

What makes this project special?

The project was Ørsted's first offshore wind farm in the UK.

// As a 'UK Round 1' wind farm commissioned in 2006, Barrow Offshore Wind Farm was the first UK project for Ørsted. Producing power, from its thirty 3 MW wind turbines; for over a decade, Barrow continues to perform at a very high standard and boasts an outstanding HSE record. It is exciting to be involved in one of the first offshore wind farms in the UK.

Peter Houghton, Head of Barrow Operations

Contact us

Ørsted
5 Howick Place
London
SW1P 1WG
Tel: +44 (0) 20 7811 5200

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