Barrow Offshore Wind Farm

Ørsted

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 12 operational offshore wind farms are powering 4.4 million homes and with another one in construction this number will rise to 5.6 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 by the end of 2021, we will have invested over £13 billion building offshore wind farms in the UK.

We are committed for the long-term, both to leading the green transformation, 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.

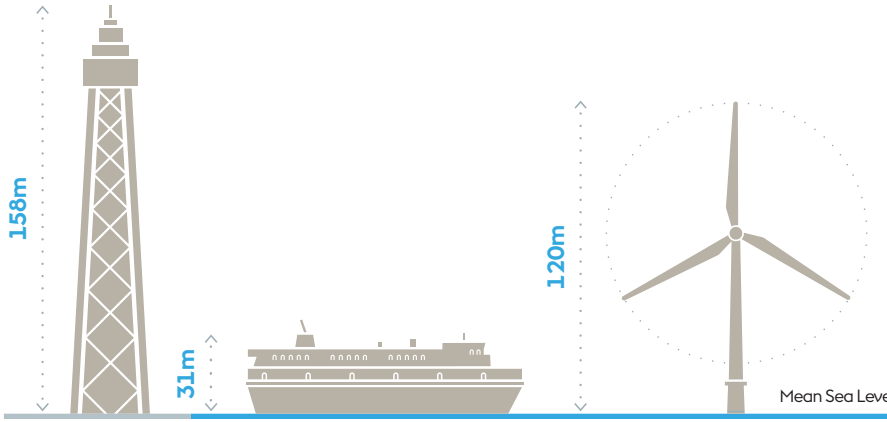
Ownership

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 over

80,000 homes[1]

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] This based on an average household electricity consumption of 3,861 MWh and five-year average load factor for offshore wind of 39.47% (BEIS, 2019; DUKES, 2020).

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

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

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