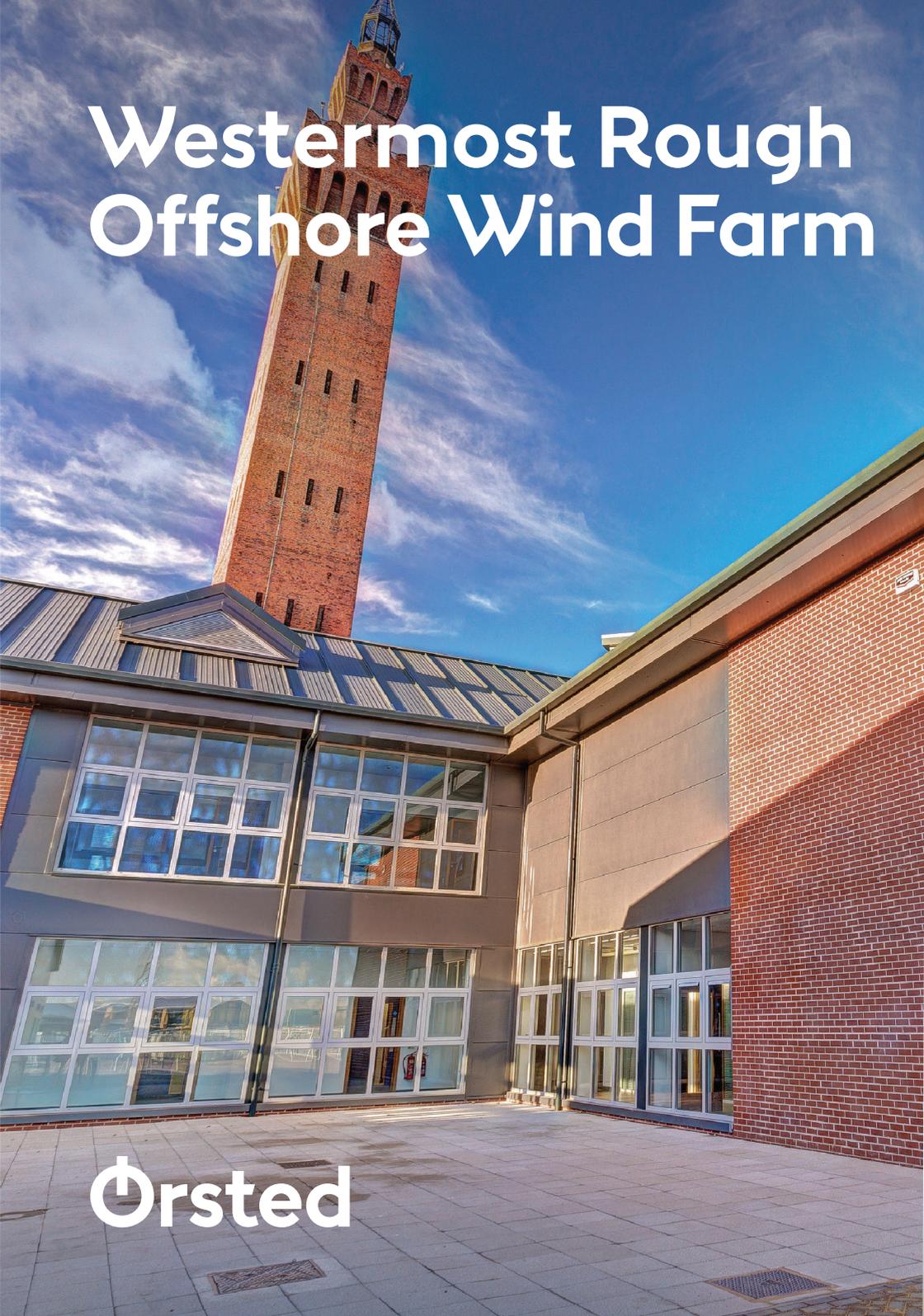


Westermøst Rough Offshore Wind Farm



 Orsted

Welcome to Westernmost Rough

The Westernmost Rough Offshore Wind Farm situated off the Holderness coast comprises of 35 turbines with a combined total capacity of 210 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 Westermost Rough?

The Westermost Rough Offshore Wind Farm is situated 8 km (5 miles) from the Holderness coast, approximately 25 km (15.5 miles) north of Spurn Head.



 Westermost Rough Offshore Wind Farm

 Cable Corridor / Route

 Onshore Substation

 Operations and Maintenance Base

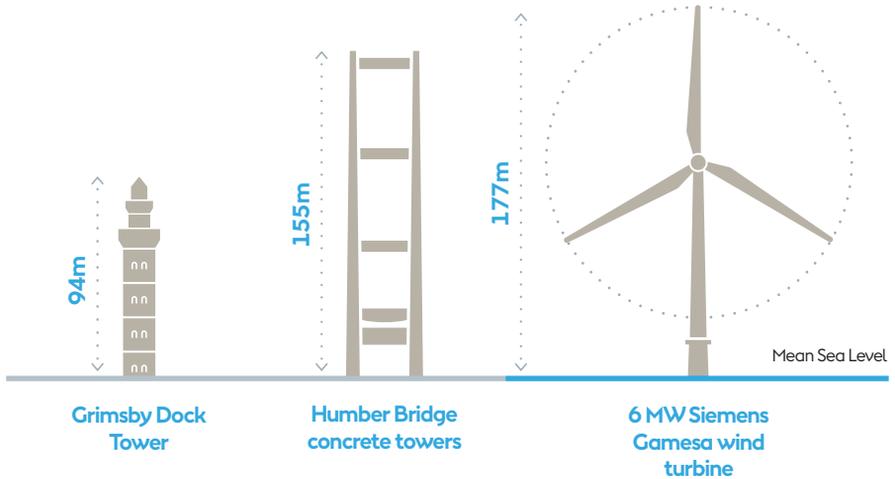
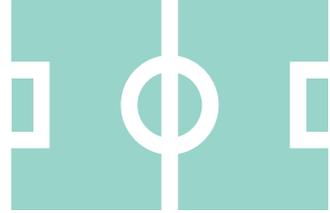
Ownership

The Westermost Rough project is owned by Ørsted (50%), Macquarie European Infrastructure Fund 5 (12.5%), Green Investment Group (6.25%) and other funds (31.25%).

How big is it?

The area covered is **32 km²**.

This is equal to **4,482** KC Stadium football pitches, home to Hull City A.F.C.



How much clean electricity does it produce?



The project has a capacity of

210 MW

This means that each year it will provide enough power for around

190,000 homes¹

What is our impact on the local economy and community?

Westermost Rough Offshore Wind Farm is operated and maintained from the East Coast Hub in Grimsby, which supports a workforce of more than 350 people. During the construction phase of Westermost Rough, more than 900 onshore and offshore roles were supported.

We are embedded in the communities and places where we operate and are proud to support business membership organisations, skills initiatives, the Ørsted Great Grimsby 10k, partnership projects such as the Greater Grimsby Town Deal and more to demonstrate our long-term commitment to the area. Growing our UK supply chain is important to us and we use a number of local companies to support our operation and most recently local construction firm Hobson & Porter completed the £10m expansion to our East Coast Hub – now the largest offshore wind operations and maintenance facility in the world.

Ørsted apprenticeship scheme

The East Coast Hub facility in Grimsby is currently the base for 16 offshore wind turbine technician apprentices. Our first cohort of 4 apprentices (2017) have now completed their apprenticeship and have started their career as wind turbine technicians. We're committed to securing a workforce for the future and providing opportunities for local communities and we are looking forward to welcoming our next cohort and continuing to recruit.

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



May
2007

Awarded an agreement for lease from The Crown Estate to develop a wind farm at Westermost Rough



November
2011

Consent awarded



February
2013

Final investment decision made



April
2013

Onshore construction began



January
2014

Offshore construction began



August
2014

First turbine erected



September
2014

First power generated



July
2015

Fully commissioned and operational

Our three year apprenticeship scheme in partnership with Grimsby Institute offers our apprentices a mixture of classroom based learning and practical on site and offshore experience to gain the knowledge and skills they need for their future career as wind turbine technicians.

What makes this project special?

The project was the first commercial deployment of the Siemens Gamesa 6 MW wind turbine with a 154m rotor span. The 35 wind turbines are 177m tall from sea level to the highest reach of the blade tips, which is taller than the Humber Bridge.

// Westermost Rough was Ørsted's first offshore wind farm construction in the Humber and Ørsted's first wind farm to use helicopter operations in the UK. The project has now been fully operational since 2015 providing clean green electricity to the UK.

Lauren McGee, Head of Westermost Rough Operations

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Cover image: Grimsby Dock Tower
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