

News from Ørsted

Hornsea 2, the world's largest windfarm, enters full operation

Ørsted is proud to announce that the world's largest installed windfarm, Hornsea 2, is now fully operational.

The 1.3GW offshore wind farm comprises 165 wind turbines, located 89km off the Yorkshire Coast, which will help power over 1.4 million UK homes with low-cost, clean and secure renewable energy. It is situated alongside its sibling Hornsea 1, which together can power 2.5 million homes and make a significant contribution to the UK Government's ambition of having 50 GW offshore wind in operation by 2030.

The Hornsea zone, an area of the North Sea covering more than 2,000 km², is also set to include Hornsea 3. The 2.8 GW project is planned to follow Hornsea 2 having been awarded a contract for difference from the UK government earlier this year.

Hornsea 2 has played a key role in the ongoing development of a larger and sustainably [competitive UK supply chain](#) to support the next phase of the UK's offshore wind success story. In the past five years alone, Ørsted has placed major contracts with nearly 200 UK suppliers. Ørsted has invested GBP 4.5 billion in the UK supply chain to date and expects to make another GBP 8.6 billion of UK supply chain investments over the next decade.

Ørsted now has 13 operational offshore wind farms in the UK, providing 6.2GW of renewable electricity for the UK – enough to power more than 7 million homes. Hornsea 2 makes a significant contribution to Ørsted's global ambition of installing 30 GW offshore wind by 2030. Ørsted currently has approx. 8.9 GW offshore wind in operation, approx. 2.2 GW under construction, and another approx. 11 GW of awarded capacity under development including Hornsea 3.

Duncan Clark, Head of Region UK at Ørsted, said: "The UK is truly a world leader in offshore wind and the completion of Hornsea 2 is a tremendous milestone for the offshore wind industry, not just in the UK but globally. Current global events highlight more than ever the importance of landmark renewable energy projects like Hornsea 2, helping the UK increase the security and resilience of its energy supply and drive down costs for consumers by reducing dependence on expensive fossil fuels."

He continued: "Not only will Hornsea 2 provide low cost, clean energy for millions of homes in the UK, it has also delivered thousands of high-quality

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jobs and billions of pounds of investment in the UK's offshore wind supply chain. We look forward to working with government and industry colleagues to continue to accelerate the deployment of offshore wind for the benefit of homes and businesses across the country."

Just over a year ago, Ørsted announced its [1000th turbine](#) in UK water and welcomed a state-of-the-art new service operations vessel to its fleet, [Wind of Hope](#).

Facts about Hornsea 2 Offshore Wind Farm

- 165 wind turbines delivering 1.3 GW of renewable electricity
- The wind farm spans an area of 462 km² – equal to more than 64,000 football fields
- Each wind turbine blade is 81m long and the blade tip reaches more than 200m above sea level
- One revolution of the wind turbine blades can power an average UK home for 24 hours
- 390km of subsea export cables take the power generated from Hornsea 2 to the shore at Horseshoe Point in Lincolnshire

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About Ørsted

The Ørsted vision is a world that runs entirely on green energy. Ørsted develops, constructs, and operates offshore and onshore wind farms, solar farms, energy storage facilities, renewable hydrogen and green fuels facilities, and bioenergy plants. Moreover, Ørsted provides energy products to its customers. Ørsted is the only energy company in the world with a science-based net-zero emissions target as validated by the Science Based Targets initiative (SBTi). Ørsted ranks as the world's most sustainable energy company in Corporate Knights' 2022 index of the Global 100 most sustainable corporations in the world and is recognised on the CDP Climate Change A List as a global leader on climate action.

Headquartered in Denmark, Ørsted employs 6,836 people. Ørsted's shares are listed on Nasdaq Copenhagen (Orsted). In 2021, the group's revenue was DKK 77.7 billion (EUR 10.4 billion). Visit [orsted.com](https://www.orsted.com) or follow us on Facebook, LinkedIn, Instagram, and Twitter.