

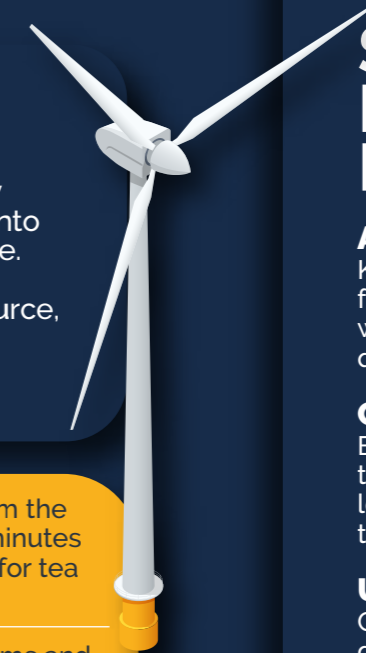
# WORKING IN OFFSHORE WIND IN THE HUMBER

At the forefront of fighting climate change in the renewable energy industry

## WHAT IS OFFSHORE WIND?

Offshore wind power or offshore wind energy is the energy taken from the force of the winds out at sea, transformed into electricity and supplied into the electricity network onshore.

Offshore wind power is a renewable and infinite energy source, and the conversion of wind into power creates no harmful greenhouse gas emissions. (National Grid, 2022)



## STEP INTO A REWARDING FUTURE:

### Apprenticeships

Kickstart your career in offshore wind from age 16+ and begin earning whilst progressing towards a qualification.

### Cadetships

Begin a career offshore working in the international shipping industry learning valuable transferable skills to offshore wind.

### University Degrees

Continue your post 18 learning with general and specialist university courses including the University of Hull's Masters in Renewable Energy course and PhDs in Offshore Wind.

### Graduates

Launch your career with graduate entry positions and programmes in finance, engineering, IT and business specialist areas and more.

### Direct entry

Transfer your knowledge, skills and experience from leading sectors locally and regionally into the offshore wind industry.

## Did you know?

- We're powering over 4.4 million UK homes from 8 operational offshore wind farms. In the next decade this could rise to over 14 million with the addition of 7 new offshore wind farms.
- There are ~115,000 homes in Hull - so offshore wind could power Hull 30 times over!
- The combined area of our current 8 operational offshore wind farms is 1201km<sup>2</sup> - equivalent to 168,000 football pitches.
- We've broken world records three times with Lynn and Inner Dowsing (2009), Hornsea 1 (2020) and Hornsea 2 (2022) as the world's largest offshore wind farms.

## Where can I work?


There are many careers to explore in offshore wind in the Humber and there's a job for every area of interest.

An offshore wind farm has a development, construction and operational phase and we need thousands of people to make this happen.

Your future job could be onshore or offshore, technical or specialist, from wind turbine technicians to offshore coordinators, blade production operatives, to cable installers, to environmental specialists. You could be working with tools, radios, computers or the materials to make blades. Your workplace could be on a vessel, helicopter, over 100m into the sky on a wind turbine, in offices, control rooms, airports, factories and even universities!




Did you know there are many emerging roles in biodiversity, research and new technologies as the industry grows? We're pioneering a digital revolution with a 5G testbed to demonstrate robotics and zero emission vessels in Grimsby. We're also supporting the restoration of marine habitats at Spurn Point by reintroducing oysters and planting seagrass.




**Crew Transfer Vessels (CTVs)** are small vessels that sail early morning from the port of Grimsby. It takes a team of ~12 wind turbine technicians 1 hour 30 minutes to sail to near shore offshore wind farms. The teams are home every night for tea and work a week on - week off rota.

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**Service Operation Vessels (SOVs)** are large vessels with individual bedrooms and bathrooms, gyms, TV rooms, warehouses and canteens. They come into the port every 2 weeks to change crew and restock, and they sail 8 hours to far shore offshore wind farms! There can be up to 80 people working on the SOV on a 2 week on, 2 week off rota.

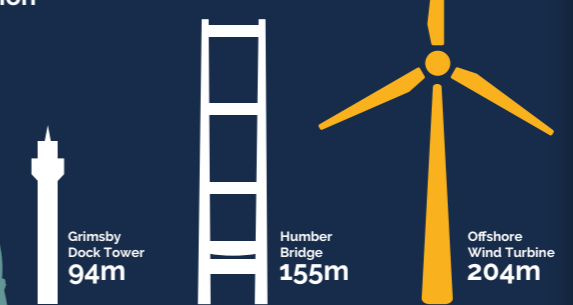
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**We use helicopters too!** Troubleshooter technicians travel from Humberside Airport to far shore offshore wind farms daily and it takes around 45 minutes to fly to the Hornsea Zone.



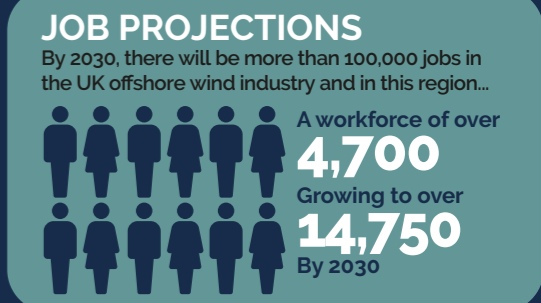
How big is an offshore wind turbine?



For latest and detailed information on all entry routes please click here

People behind offshore wind - career case studies

[www.facesofwindenergy.com](http://www.facesofwindenergy.com)



## THE HUMBER OFFSHORE WIND CLUSTER

**Companies involved in offshore wind**

and many more too!