



## FACTS

- Located 32 km (20 miles) off the coast of North Norfolk, England. Water depth: 18-25 m
- 402 MW capacity.
- Annual production of 1.7 TWh, enough to power some 410,000 UK homes.
- 67 turbines, 6 MW each.
- Turbines are 170 metres tall from surface to wingtip.
- One offshore substation, constructed in Lowestoft.
- Wind turbines are placed on monopile foundations fixed to the seabed.

- Onshore substation in Necton - power transported to the national grid.
- Towers assembled in Hull, the load out base for towers, blades and nacelles.
- Local suppliers account for more than 40% of the value creation in the Dudgeon project.
- The wind farm is operated from the new Dudgeon operations centre in Great Yarmouth.
- The turbines will be serviced from the service operating vessel (SOV): Esvagt Njord. This 84 metre SOV is tailor made for Dudgeon.
- Dudgeon is owned by Statoil (35%), Masdar (35%) and Statkraft (30%).



Dudgeon  
offshore  
wind farm  
- powering  
410,000 UK homes



## POWERING HOMES THE NEXT 25 YEARS

Thirty-two kilometres off the coast of Norfolk in England the wind farm has grown gradually since the first turbine was installed early 2017. The wind farm was completed at the agreed time and significantly below the budget of £1.5 billion that was set when the investment decision was made in 2014. It produced at full capacity in October 2017.

Ever since the first 6,000 households received electricity in February, all the turbines have joined the production, one by one. In October 2017 the last of the 67 turbines started producing and the wind farm will provide 410,000 homes in England with electricity – for 25 years.

## DUDGEON COMMUNITY FUND

In October 2017, Dudgeon offshore wind farm launched its new education initiative for secondary school pupils across Great Yarmouth, North Norfolk and Breckland. Targeted at inspiring pupils to get actively involved with the subjects of science, technology, engineering and maths (STEM), the program will inject an extra £2.5million additional educational funding for the next 25 years.

In Dudgeon we are passionate about inspiring the next generation of scientists, innovators and inventors. We understand that curiosity for science and technology develops at an early age and we want to harness that spark by investing in education within our local communities in Norfolk.

