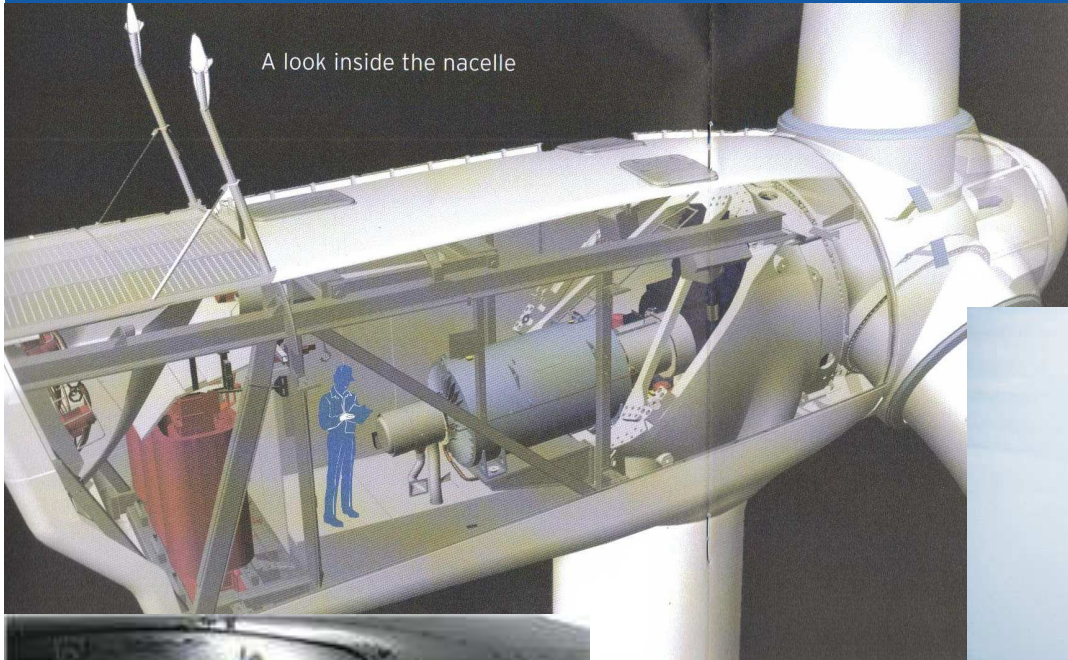


Inside and outside the nacelle

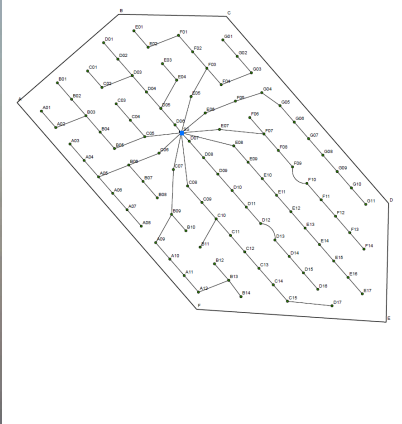


The offshore substation installation took place in February

- The offshore substation was manufactured in 2 parts. Jacket and topsides were transported to site and installed by a heavy lift barge, the Stanislav Yudin.
- The substation accommodates the transformers required to increase the voltage from the 33kv interarray cables and feed into the 132kv export cables.
- McNulty and SLP, two British companies, supplied the jacket and topsides of the offshore substation.



The substation installation was completed by jack-up vessel Excaliber. Several other vessels connected the cables.



The two export cables come ashore at Pegwell Bay and join the National Grid at Richborough (former power station)



Thanet Offshore Wind Farm – Interesting Facts

- There are 100 Vestas V90 wind turbines with a total capacity of 300 MW.
- It is the largest offshore wind farm in the world.
- It will increase the UK's wind energy production by 30%.
- It will produce enough green energy to power more than 200,000 households.
- The wind farm is located approximately 12 kilometers from Foreness Point, near Margate.
- In addition to Vestas, the project was delivered by eight key contractors; A2SEA A/S supplied the Sea Jack, while the Resolution Vessel was supplied by MPI. Dutch firms SIF and Smulders supplied the monopiles and transition pieces respectively, and a consortium comprising Siemens and Prysmian handled all electrical onshore works, offshore cable deliveries and the construction of the offshore substation, including the foundations. Subocean carried out the underwater cable installations. Noble Denton supplied project management services.
- Each turbine is 115m tall at its highest point, 2.5 times taller than Nelson's Column!

Vattenfall takes responsibility for people and nature before, during and after construction.

- Detailed environmental analyses have been, and continue to be, carried out.
- Vattenfall aims to employ as many local British contractors as possible.
- A new operations and maintenance building was built in the Port of Ramsgate and up to 200 workers were employed to do this.
- 21 people were employed to maintain and operate the wind farm. 20 of those are from Kent.
- Figures show that for every job created within a marina there are an estimated 12 jobs created outside.
- Vattenfall is working with Thanet College to develop training programmes for future employees of the offshore wind farm industry.
- Offshore wind farms have already proved to be tourist attractions. For example, there are three local companies running boat trips to the Kentish Flats wind farm.
- Vattenfall is committed to building lifelong friendships with communities hosting our wind farms.



Communications and Public Relations

- A web site has been set up, www.vattenfall.com/thanetwind.
- Contacts with local, national and international media have been established.
- The wind farm has been given substantial media coverage in print, on radio, TV and internet.
- Four mailings went out during the construction period to local residents.
- A dedicated wind farm telephone helpline was set up.
- Vattenfall was the title sponsor of Ramsgate Week yacht racing in 2009 and 2010. Vattenfall also sponsors other local groups and activities.
- Vattenfall has established links with Thanet College, Christ Church College and education and employment bodies. This is to facilitate initiatives that result in increased local employment.
- A Notice of Operations was distributed weekly to stakeholders and other interested parties.
- Regular drop-in sessions were held for members of the public.
- Media days and visits were organised. Local journalists were kept up to date on construction progress.
- Presentations are still given to local groups, schools and businesses.

Some of the local businesses working for Thanet Offshore Wind Farm

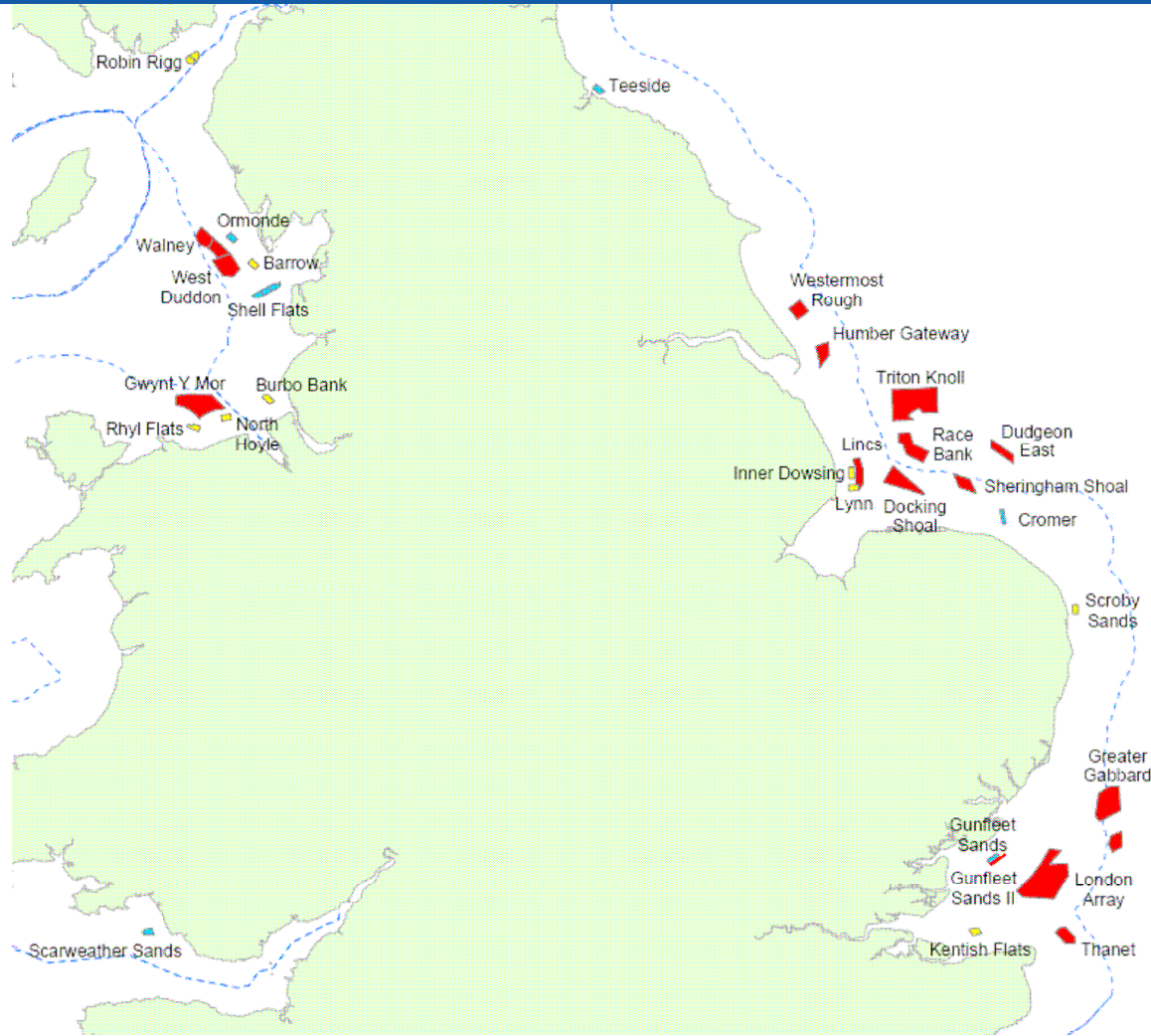
- Edge Enviro – Emergency Oil spill response
- Aimfire – Office/warehouse fire risk assessment
- All about asbestos – Warehouse asbestos survey
- Dale Fencing – security fencing
- Seacraft & Port Marine Engineering services – provision of pontoon berthing facility
- MedClean – Office cleaning and waste management
- G&S Building and Electrical services – Office & warehouse refurbishment.
- Holbrook & Revell Electrical Ltd – Electrical services.
- Smye – Rumsby – Provision of marine electronic equipment.
- Adecco – Recruitment agency services.
- Bedingfield Lifting Ltd – Mobile crane hire
- Marinstall – provision of Navigation equipment.
- Kent Charter Fishing – Provision of survey boat.
- Duncan & Graham – Architects.
- Selecta Base – Mailing databases
- Philip Lane Photograpy

Continued...

Local businesses working for Thanet Offshore Wind Farm, cont.

- R. Cannon – Mooring gang and mooring boats.
- Gardeline – Meriel D, crew boat & MMO
- Offshore wind power Marine services – Offshore Performer (OP3), crew boat.
- Enviro services – Brockelsby guard boat.
- Ardee Hose – PPE
- Kent Safety – Fire extinguishers, Life buoys, Life jacket servicing.
- Betteridge & Milsom – Quantity surveyor
- GCA Associates – Structural engineering
- PCS Consulting Services Ltd – Services consultant
- Logo ID
- Ideas Unlimited
- Port of Ramsgate Café
- Royal Temple Yacht Club
- WW Martins
- Ramsgate Slipway
- Burgess Marine, Dover. (Divers)
- A & P Chatham, (ship repair & fabrication).
- Loyalty Connections – Mini bus hire.
- Marlec marine, Ramsgate marina (Ship chandlery)

Projects underway, Rounds 1 & 2



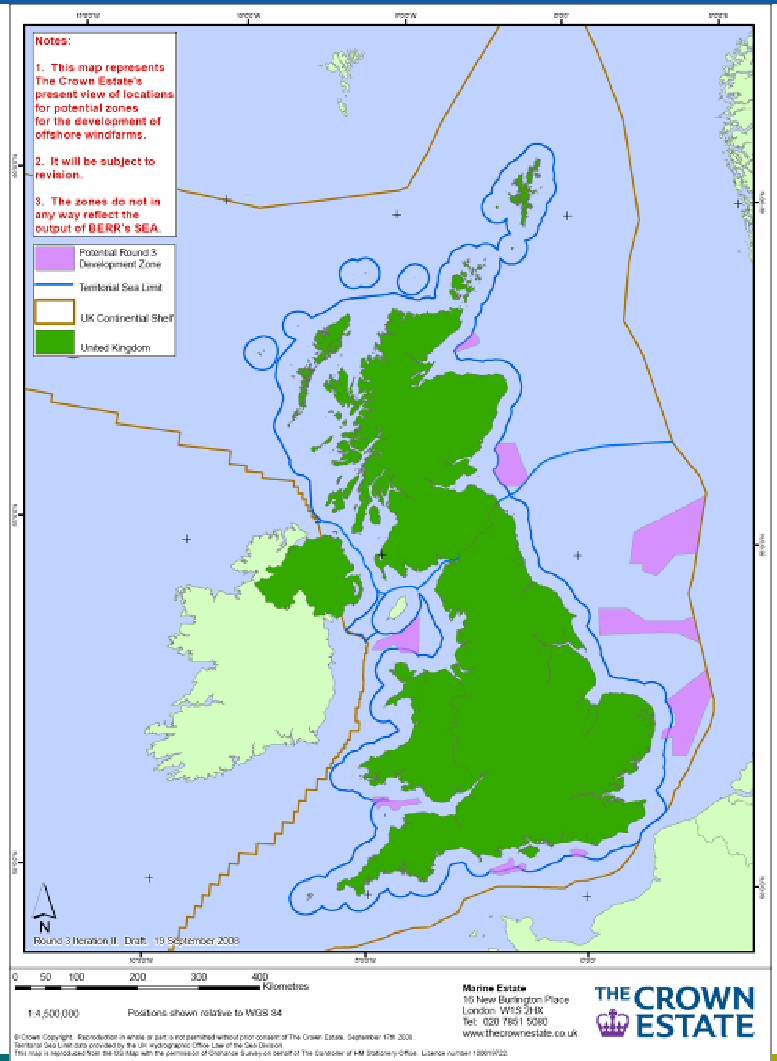
688 MW installed

1156 MW under construction

3442 MW consented

3420 MW in planning

Round 3 – Installation from 2015 onwards





Horns Rev – wind speed of 32 m/s

