



EUROGATE CONTAINER TERMINAL BREMERHAVEN

BASE PORT FOR THE OFFSHORE WINDFARM RWE NORDSEE OST

TOTAL TERMINAL FACILITIES FOR HANDLING WIND ENERGY COMPONENTS



Terminal area for assembly and storage:
25 ha
Roofed warehouse area: 30.000 m²



Equipment: gantry cranes (max. 163 to in tandem lift); straddle carrier; reach stacker up to 40 to; fork lifts up to 16 to; tractors and trailers



Draft:
15,0 m



Area loading: 50 KN /m² loading capacity to store foundations and nacelles



Length of quay:
400 m



Safety & security:
ISPS and AEO certified; free trade zone



200 m quay inside locks



Available 24 hours 7 days a week



BASE PORT FOR THE OFFSHORE WIND FARM RWE „NORDSEE OST“

GENERAL INFORMATION:

- Installation of 48 jacket foundations with REpower 6 MW turbines
- Windfarm location: 35 kilometers north-east of the island of Helgoland in the German North Sea

BASE PORT SERVICES:

- Storage of foundation piles and REpower WTG components on 17 ha terminal area
- Jacking of installation vessels is possible due to berth reinforcement
- Handling of foundation piles and tower sections with two gantry cranes in tandem lift (max. capacity 163 to)
- Handling of 350 to nacelle with LR1750 possible
- Handling and transport of components in cooperation with SARENS GROUP

FOR FURTHER INFORMATION PLEASE VISIT
www.eurogate.eu



Thornton Bank I



London Array



Thornton Bank II

Offshore Windfarm Installation

The Sarens Group is an international company of Belgian origin, specialized in crane rental and engineering projects involving lifting and moving loads with exceptional sizes and weights. Sarens is currently active in more than 50 countries, employing some 3.800 staff worldwide.

This “specialist of the extra-ordinary” brings its broad gamut of cranes and other equipment worldwide into action within different industries, for example offshore windfarm installations and onshore logistics.

A selection of our projects:

Thornton Bank I, Belgium

- 6 x 5 MW Repower
- All onshore logistics, unloading and reloading of all WTG parts, rotor preassembly etc.
- LR 1750 on SMLT on JUB Buzzard
- Transport JUB Vagant and Pauline
- LG 1550, LR 1400, CC 2800, TC 1100, AC 200
- Concrete foundations of 42m high and 3.000t
- Weighing during production
- Transport to quay on SPMT's

Q7, Netherlands

- 60 x 2 MW Vestas
- Onshore logistics with LR 1280, AC 100, AC 50
- TC 3200 offshore on Sea Jack

Hooksiel, Germany

- Prototype Bard 5 MW
- CC 6800 on Giant 4

Alpha Ventus, Germany

- CC 2500 on Buzzard
- Hammering of 24 prepiles
- LR 1800 on Goliath
- Installation of 6 x 6 MW Repower

Thornton Bank II, Belgium

- Ostend, Belgium- 48 x 6 MW Repower
- Onshore logistics of 196 pre-piles of 100t each
- TC 2800
- Hoboken, Belgium - CC 8800/1, LR 1600/2
- 48 Jackets : weight 575t - height 55,5m
- 24 axle lines SPMT's
- AC 700, LTM 1500-8.1, smaller telescopic cranes

London Array

- Rostock, Germany - CC 9800
- Loading of 175 Monopiles of 700t
- 600t steel beams and 900 wooden mats to meet the very limited quay wall ground pressure conditions

- Aalborg, Denmark - CC 2800-1
- 175 Transition Pieces of 280t

More offshore windfarm projects:

- **Kentish Flats, UK**
- **Thanet, France**
- **Ormonde, UK**
- **Gwynt y Môr, UK**
- **Borkum West, Germany**
- **Seabreeze 1 and 2, Germany**
- **Global Tech 1, Germany**
- **Nordsee Ost, Germany**