



Bligh Bank 2

Exceptionally smooth process

Early 2015, Bladt Industries and Semco Maritime were granted a construction contract by Parkwind NV for the supply of an offshore substation for the Belwind Offshore Wind Farm. The EPCI contract covered a 980 tons substation with a total output of 165 MW.

The process

The design phase of the project was initiated in May 2015 and by September 2015, the manufacturing process began. One year later, in September 2016, load-out of the substation took place.

Together we are stronger

As general contractor on the project, Bladt Industries was responsible for the design, manufacturing, assembly, commissioning and installation of the substation. Bladt Industries collaborated with long term partners Semco Maritime who was responsible for electrical and technical systems, and ISC Consulting Engineers who handled the structural design.

The substation is placed in the North Sea, 45 kilometres off the coast of Belgium where it is collecting voltage from 50 wind turbines which will provide a total output of 165 megawatts. It is the 16th substation to leave Bladt's site in Aalborg.

“The Bligh Bank 2 substation project was a slightly different project than usual. The client opted for a very rapidly produced substation with no extra features that would be ready for use within a short time frame. An optimised design and quality check phase and a strong collaboration among all parties made for an exceptionally smooth process enabling us to complete the project in only one year.”

**Per Emil Larsen, Senior Project Manager,
Bladt Industries**

FACTS

- Client: Parkwind NV
- Project capacity: 165 MW
- Installation year: 2017
- Topside weight: 980 tons
- Number of wind turbines: 50
- Location: North Sea, 45 km off the Belgium coast



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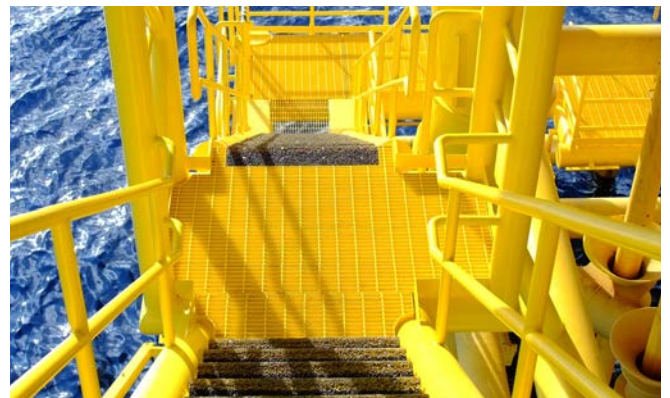


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THERE IS ONLY ONE CHOICE
- ASK US WHY



The strong partnership between Bladt Industries and Semco Maritime was formed more than 15 years ago. Together we have delivered 19 complete offshore substations which makes us global leaders in this field. Our strong competences and yearlong offshore experience is your guarantee for high quality solutions delivered on time and budget.