

Hornsea Project One

3 substations and 96 foundations



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Three substations

In May 2016, Bladt Industries won an order for the supply of three substations for the Hornsea Project One Offshore Wind Farm – a DONG Energy project.

The construction contract was unique and historical, as it was the first time in Bladt Industries' and their long-term partner Semco Maritime's history that a contract has been signed for three substation topsides at the same time. The first phase of the project was initiated right after the signing of the contract and the substations were delivered during the spring and early summer of 2018.

Bladt Industries was responsible for the construction of steel structures

for all substations, while Semco Maritime will facilitate the production of LV electrical works, including E&I, design, onshore construction and offshore commissioning.

96 foundations

In January 2017, DONG Energy awarded Bladt Industries with the contract for the construction of 96 transition pieces for the same project - each with a weight of approximately 330 tons and a diameter of 6 metres.

The Hornsea Project One Offshore Wind Farm is located in the North Sea approximately 120 kilometres off the coast of Yorkshire in Great Britain.

FACTS

- **Client:** DONG Energy
- **Contract (OSS):** PC
- **Project capacity:** 1,2 GW
- **Installation year:** 2018
- **Weight of substations:** 3 x 2,800 tons
- **Number of turbines:** 174
- **Foundations by Bladt:** 96
- **Weight of foundation:** Approx. 330 tons
- **Country:** Great Britain
- **Location:** North Sea
- **Distance to shore:** 120 km
- **Water depth:** 23-37 metres




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