

EAST ANGLIA ONE



Owner: EAST ANGLIA ONE
Client: TECHNIP ROME/ALSTOM
Country: North Sea
Period: 2012
TECON SOW: Feasibility engineering of a wind farm converter platform

Work Description

The converter platform is made up by the following components:

- A topside 60x50x36 m weighting 7000 tonnes
- A four leg foundation jacket in 35-40 m water depth weighting 3000 tonnes
- Piled foundations weighting 1500 - 2000 tonnes

TECON Services:

- Feasibility Design of the Platform (Topside + Jacket)
- Lifted and Float-over options for the Topside installation
- Design of the main structures and piling for the in service conditions
- Dynamic analysis for the wave impact
- Installation analyses
- Preliminary weight estimate and weight report
- Preliminary specifications for construction
- Tekla modelling of the main structures

