

Norfolk Boreas Offshore Wind Farm

Appendix 24.6

Scenario 1 – GHD Summary of Deliveries per Infrastructure Component

Environmental Statement

Volume 3

Applicant: Norfolk Boreas Limited
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Photo: Ormonde Offshore Wind Farm

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GHD Summary of Deliveries per Infrastructure Component

Note: Materials in Bold/Italic are to be both delivered and removed from site
 Orange and Green Colours within cells denote figures used for related total sums

Landfall	Scenario 1	Notes
Mobilisation/Demobilisation	20.0	
Stone (Aggregate)	45.0	
Water	3	
Geotextiles	2.0	
Drilling Rig	1.0	
Fencing	1.0	
Excavated material (landfall)	213	Total for 2 pits
Transition Pit - Concrete	12	Total for 2 pits
Transition Pit - Excavated material	15	Total for 2 pits
TOTAL	521.7	
Daily Week 1 & 20	13.8	1 week mobilisation, 1 week demobilisation
Daily Week 2-19	2.6	18 week drilling

Onshore Project Substation (temporary compound)	Scenario 1	Notes
Stone (Aggregate)	300.0	
Fencing	1.5	
Welfare facilities and associated infrastructure	8.0	
Access Road	90.0	
TOTAL Mobilisation	399.5	8 week construction period
TOTAL Demobilisation	399.5	8 week construction period
Daily Average	10.0	for both 8 week construction periods

Onshore Project Substation	Scenario 1	Notes
Concrete	1,829.0	
Stone (Aggregate)	788.0	
Fencing	3.0	
Supergrid Transformer	8.0	
Converter Building	50.0	
Associated Electrical Equipment	50.0	
Access Road	0.0	
Excavated Material	648.0	
TOTAL	3,376.0	
Daily Average	9.6	70 week construction period

National Grid Substation Extension Site (temporary compound)	Scenario 1	Notes
Stone (Aggregate)	450.0	
Fencing	2.0	
Welfare facilities and associated infrastructure	8.0	
Access Road	90.0	
Temporary OHL	0.0	
TOTAL Mobilisation	550.0	8 week construction period
TOTAL Demobilisation	550.0	8 week construction period
Daily Average	13.8	for both 8 week construction periods

National Grid Substation Extension Site	Scenario 1	Notes
Concrete	213.0	
Stone (Aggregate)	396.0	
Fencing	3.0	
Busbar steelwork and gantrys	33.0	
Excavated Material	336.0	
TOTAL	981.0	
Daily Average	2.8	70 week construction period

A47 Highway Works	Scenario 1	Notes
Concrete/Asphalt	0.0	
Stone (Aggregate)	150.0	
Fencing	1.0	
Welfare facilities and associated infrastructure	8.0	
TOTAL	159.0	
Temp. Daily Average	4.0	8 week construction period
Roadworks Daily Average	0.0	6 week construction period