

Hornsea Offshore Wind Farm

Project Two

Environmental Statement
Volume 6 – Onshore

Annex 6.6.9

**Screening assessment – designated assets of the
highest significant between 5 and 10 km of the
HVDC converter / HVAC substation**

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SMart Wind Limited

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Project Two – Environmental Statement**

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1 INTRODUCTION

1.1.1 The proposed onshore infrastructure (both the indicative onshore cable route and the HVDC converter/HVAC substation site at North Killingholme) for Hornsea Offshore Wind Farm Project Two is immediately adjacent to that of Project One. The synergies were identified at an early stage and all environmental surveys to inform the baseline were designed to inform the EIA for both Project One and Project Two. The remainder of this screening assessment, from this point onwards, is thus unchanged from the corresponding Project One report.

1.1.2 At a meeting with English Heritage on 3 October 2012, it was agreed to screen all assets of the highest significance up to a distance of 10 km for the proposed onshore HVDC converter/HVAC substation, and to assess any which might require further work to understand the effect of the proposal on their settings.

1.1.3 Table 1 provides a screening assessment of those designated assets of the highest significance located between 5 and 10 km of the proposed onshore HVDC converter/HVAC substation.

Table 1 Designated assets of the highest significance located between 5 and 10 km of the proposed HVDC converter/HVAC substation.

| List Entry | Name | Grade | Notes |
|-------------------------|---------------------------|-------|--|
| Listed Buildings | | | |
| 1063367 | Church of St Bartholomew. | I | 9 km south-west of proposed HVDC converter/HVAC substation - views obscured by intervening oil refinery - in Keelby - setting is Keelby. |
| 1063417 | Holgate Monument. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1063418 | The Hermitage. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1063419 | Newsham Bridge. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1083434 | Church of St Andrew. | I | 6.6 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - screened by trees in churchyard and beyond this the trees at Fort Paull also intervene. View would include vehicle storage at Able Port facility and site would be immediately adjacent to Centrica power station and seen as part of it. |
| 1165503 | Church of All Saints. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1166049 | Hunt kennels and house. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1204699 | Church of St Andrew. | I | c. 7 km west of proposed HVDC converter/HVAC substation at west end of Wootton - setting is Wootton. |
| 1227786 | Church of St Lawrence | I | c. 6 km west of proposed HVDC converter/HVAC substation - views are through Thornton Abbey and therefore there would be no views of proposed HVDC converter/HVAC substation. |
| 1227927 | Church of St Nicholas. | I | c. 6.5km south-west of proposed HVDC converter/HVAC substation in Ulceby - setting is Ulceby and village would obscure any views of HVDC converter/HVAC substation. |
| 1288451 | Barrow Hall. | I | c. 7.7 km north-west of proposed HVDC converter/HVAC substation - in Barrow - setting is Barrow. |
| 1346568 | Church of St Augustine. | I | c. 9.8 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - in Hedon - setting is Hedon. |
| 1346864 | Church of Holy Trinity. | I | c. 7.7 km north-west of proposed HVDC converter/HVAC substation - in Barrow - setting is Barrow. |

| List Entry | Name | Grade | Notes |
|----------------------------|--|-------|--|
| 1359800 | Brocklesby Hall. | I | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1359820 | No 9 Shop and Church End Farmhouse. | I | 9 km south-west of proposed HVDC converter/HVAC substation - views obscured by intervening oil refinery - in Keelby - setting is Keelby. |
| 1366242 | Paull Holme Tower. | I | 6.3 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber (also Scheduled Monument) - no views available from upper storeys of tower - no upper floors left - building is on English Heritage Buildings at Risk Register for 2012 - views towards site would look over vehicle storage at Able Port facility and site would be immediately adjacent to Centrica power station and seen as part of it. |
| 1063413 | Main Stable Block. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1083537 | Church of St Mary And St Joseph. | II* | c. 9.8 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - in Hedon - setting is Hedon. |
| 1083554 | Hedon Town Hall. | II* | c. 9.8 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - in Hedon - setting is Hedon. |
| 1083574 | The New Hall. | II* | c. 9.8 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - in Hedon - setting is Hedon. |
| 1083575 | The Old Hall. | II* | c. 9.8 km north-east of proposed HVDC converter/HVAC substation on north bank of Humber - in Hedon - setting is Hedon. |
| 1103712 | Thornton Hall, pavilion wings and flanking screen walls. | II* | c. 5.5 km west of proposed HVDC converter/HVAC substation - views are through Thornton Abbey and therefore there would be no views of proposed HVDC converter/HVAC substation. |
| 1165456 | Garden Urn. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1165475 | Gateway to House. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1166061 | The Arabella Aufrere Temple. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1166070 | Newsham Lodge. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1204608 | Church of St John The Evangelist. | II* | 8.8 km south-west of proposed HVDC converter/HVAC substation, - trees around churchyard edge and planting beyond limit of setting - intervening landform limits views. |
| 1204677 | Church of St Helen. | II* | c. 8.9 km south-west of proposed HVDC converter/HVAC substation - any views towards proposed HVDC converter/HVAC substation obscured by intervening woodland and buildings, not least at North Killingholme. |
| 1317308 | The Orangery. | II* | In Brocklesby Park and assessed as part of the Registered Park and Garden. |
| 1346978 | Church of St Peter And St Paul. | II* | 8.3 km south of proposed HVDC converter/HVAC substation - screened by oil refinery. |
| 1403222 | Former heavy anti-aircraft gun site. | II* | 7.9 km south of proposed HVDC converter/HVAC substation - screened by oil refinery. |
| Scheduled Monuments | | | |
| 1020187 | Stone Creek heavy anti-aircraft gun site, at Sunk Island Clough | | 8.3 km south-east of proposed HVDC converter/HVAC substation - views towards site would be through Able Port facility between and include existing power stations and woodland. |
| 1020425 | Paull Point Battery, coastal artillery battery and Submarine Mining Establishment. | | 5.9 km north-east of proposed HVDC converter/HVAC substation (also Grade II listed building) - North bank of Humber - views towards site would be through oil terminal. |
| 1018287 | Cross in churchyard of Church of | | 9.2 km south of proposed HVDC converter/HVAC substation - views obscured by intervening oil refinery - in Keelby - setting is Keelby. |

| List Entry | Name | Grade | Notes |
|------------|---|-------|---|
| | St Bartholomew. | | |
| 1020022 | Second World War decoys for Hull docks, 1,580m south-east, 600 m west and 90 m south-west of Little Humber. | | 5.5 km north-east of proposed HVDC converter/HVAC substation. Views towards site would be through oil terminal. |
| 1005206 | Roman settlement. | | 8.9 km south-west of proposed HVDC converter/HVAC substation, outside ZTV. |
| 1016858 | Medieval settlement of Croxton. | | 8km south-west of proposed HVDC converter/HVAC substation, outside ZTV. |
| 1020423 | Stallingborough medieval settlement, post-medieval manor house and formal gardens. | | 8.2 km south-east of proposed HVDC converter/HVAC substation - at edge of ZTV - views obscured by intervening oil refinery. |
| 1008048 | Old Little Humber moated site. | | 6.8 km north-east of proposed HVDC converter/HVAC substation - SM is bounded by trees and farm lies between SM and proposed site. Views towards site would be through Centrica power station. |
| 1016427 | Yarborough Camp large univallate hillfort. | | 9.8 km south-west of proposed HVDC converter/HVAC substation in woodland - no views to site. |
| 1014003 | Village Cross. | | 7.9 km north-west of proposed HVDC converter/HVAC substation - outside ZTV - in Barrow on Humber - setting is Barrow on Humber. |
| 1007875 | Paull Holme moated site and tower. | | 6.3 km north-east of proposed HVDC converter/HVAC substation on North bank of Humber (also Grade I listed Building) - no views available from upper storeys of tower - no upper floors left - views towards site would look over vehicle storage at Able Port facility and site would be immediately adjacent to Centrica power station and seen as part of it. |
| 1008686 | Site of medieval nunnery and post-Dissolution house, Nun Cotham. | | 7.6 km south-west of proposed HVDC converter/HVAC substation - views obscured by intervening oil refinery. |
| 1007749 | 'The Castles' motte and bailey. | | 8.75 km north-west of proposed HVDC converter/HVAC substation - partly outside ZTV - any views would be through Goxhill and screened by same. |
| 1003779 | Hedon medieval town. | | 9 km north-east of proposed HVDC converter/HVAC substation - in Hedon - setting is Hedon - views towards site would be through oil terminal. |
| 1020024 | Heavy anti-aircraft gun site 220 m east of West Marsh Cottage. | | 9.8 km north-west of proposed HVDC converter/HVAC substation - outside ZTV. |
| 1009346 | Howe Hill bowl barrow. | | 8.3 km south-west of proposed HVDC converter/HVAC substation edge of ZTV - unlikely to be any view, but in any event would see HVDC converter/HVAC substation against Centrica Power Station. |
| 1020023 | Churchyard cross 20 m south of Church of St Peter and St Paul. | | 8.2 km south-east of proposed HVDC converter/HVAC substation - outside ZTV - views obscured by intervening oil refinery. |