

Hornsea Offshore Wind Farm

Project Two

Environmental Statement
Volume 6 – Onshore

Annex 6.5.9
Effects on Landscape Resources During the
Construction Phase

PINS Document Reference: 7.6.5.9

APFP Regulation 5(2)(a)

November 2014

smartwind.co.uk

SMart Wind Limited

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Document release and authorisation record	
PINS document reference	7.6.5.9
Report Number	UK06-050700-REP-0041
Date	November 2014
Client Name	SMart Wind Limited

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1 EFFECTS ON LANDSCAPE RESOURCES DURING THE CONSTRUCTION PHASE

Lindsey's Areas of Great Landscape Value (AGLV) as the closest designated landscapes.

1.1.1 Only those landscape resources within the study area have been considered below, with the exception of the Lincolnshire Wolds Area of Outstanding Natural Beauty (AONB), Brocklesby Estate Registered Park and Garden (RPaG) and East and West

Table 1.1 Effect on landscape resources during the construction phase of the landfall and cable route.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Designated landscapes							
Lincolnshire Wolds AONB	National	High	Outside study area: No direct effect. Installation machinery including movement of HGVs may be seen as a distant element from the closest parts of the Wolds.	Negligible	Temporary	Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Brocklesby Estate RPaG	National	High	Outside study area: No direct effect. Installation machinery including movement of HGVs may be seen as a distant element from the closest parts of the Estate.	Negligible	Temporary	Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
East Lindsey AGLV	Local	Medium	Outside study area: No direct effect. Installation machinery may be seen as a distant element from the closest parts of the AGLV.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
West Lindsey AGLV	Local	Medium	Outside study area: No direct effect. Installation machinery may be seen as a distant element from the closest parts of the AGLV.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
National Seascape Character Areas							
NSCA 6 'Humber Waters'	National	Low	Within study area: No direct effect. Installation machinery including HGVs on the landward side of the sea wall will be seen as a new element from the closest parts of the Seascape.	Low	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
NSCA 7 'East Midlands Coastal Waters'	National	Low	Within study area: Direct effect. Installation machinery will be seen as an element within this seascape character area.	Medium	Temporary	Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
National Landscape Character Areas							
41 Humber Estuary	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
42 Lincolnshire Coast and Marshes	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Regional Landscape Character Areas/Types East Midlands							
1A Coastal Saltmarshes and Mudflats	Local	Medium	The introduction of machinery installing the cable and undertaking HDD works within the character area will alter the character of the landscape area temporarily by introducing a new element in an open naturalistic area.	Medium to High	Temporary	Moderate to Major	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
2A Settled Fens and Marshes	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
2C Fen and Marsh Margin Farmlands	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Regional Landscape Character Areas North East Lincolnshire							
A Humber Estuary	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
B Wooded Open Farmland	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Broad Landscape Character Areas							
West Lindsey							
D The Wolds	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Regional Landscape Character Areas/Types							
North Lincolnshire							
Lincolnshire Drift	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas							
East Lindsey							

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
I1 Holton le Clay to Great Steeping Middle Marsh	Local	Low	The introduction of machinery installing the cable and potentially undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
J1 Tetney Lock to Skegness Coastal Outmarsh	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
K1 Donna Nook to Gibraltar Point Naturalistic Coast	Local	Medium	The introduction of machinery installing the cable and undertaking HDD works within the character area will alter the character of the landscape area temporarily by introducing a new element in an open naturalistic area.	Medium to High	Temporary	Moderate to Major	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas North East Lincolnshire							

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Ai Humber Estuary: Industrial Landscape	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	No Change to Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Bi Lincolnshire Coast & Marshes: Open Farmland	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area will not alter the character of the landscape area.	No Change to Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Bii Lincolnshire Coast & Marshes: Flat Open Farmland	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	No Change to Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Bii Lincolnshire Coast and Marshes: Wooded Open Farmland	Local	Medium	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Medium to High	Temporary	Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Biii Lincolnshire Coast and Marshes, Flat Open Farmland	Local	Low	The introduction of machinery installing the cable and undertaking HDD works within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas							
West Lindsey							
14 Wolds Estates	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas							
North Lincolnshire							

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Lincolnshire Drift: Open Undulating Farmland – Barrow upon Humber, Goxhill, Thornton Curtis, Ulceby, Wootton	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Drift: Wooded Farmland – East Halton, Kirmington, Thornton Abbey, Ulceby Junction	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Industrial Landscape – South Humber Bank	Local	Low	The introduction of machinery installing the cable within the character area will not be visible in many parts of the area, and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Open Undulating Farmland – South Killingholme	Local	Low	The introduction of machinery installing the cable within the character area will alter the character of the landscape area temporarily by introducing a new element.	Medium to High	Temporary	Minor to Moderate	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape resource			Landscape effects during construction			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Humber Estuary: Wooded Farmland – East Halton, North Killingholme	Local	Medium	The introduction of machinery installing the cable and undertaking HDD works within the character area will alter the character of the landscape area temporarily by introducing a new element in a small scale wooded landscape.	Medium to High	Temporary	Moderate to Major	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Table 1.2 Effects on Landscape Resources during the Construction Phase of the Onshore HVDC Converter/HVAC Substation.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Designated Landscapes							
Lincolnshire Wolds AONB	National	High	On the extreme edge of the study area, no direct effect. The construction works may be seen as a distant element from the closest parts of the Wolds.	No Change to negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Brocklesby Park Registered Park and Garden	National	High	No direct effect. The construction works may be seen as a distant element from the closest parts of the Estate.	No Change to negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
East Park Registered Park and Garden, Kingston upon Hull	National	High	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Pearson Park Registered Park and Garden, Kingston upon Hull	National	High	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
West Lindsey AGLV	Local	Medium	The construction works will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Seascape National Character Areas							
NSCA 6 'Humber Waters'	National	Low	The construction works will not be visible in many parts of the area and will not alter the character of the landscape area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
NSCA 7 'East Midlands Coastal Waters' (not seen from this NSCA).	National	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
National Landscape Character Areas							
27 Yorkshire Wolds	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
40 Holderness	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
41 Humber Estuary	Local	Low	The construction works within the character area will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
42 Lincolnshire Coast and Marshes	Local	Low	The construction works will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
43 Lincolnshire Wolds	Local	Low	The construction works may be discernible from this landscape receptor.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
44 Central Lincolnshire Vale	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Regional Landscape Character Areas North East Lincolnshire							
A Humber Estuary	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance it is unlikely.	No Change to High	Temporary	None to Moderate	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
B Wooded Open Farmland	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance it is unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Broad Landscape Character Areas West Lindsey							
The Wolds	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance it is unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Regional Landscape Character Areas/Types North Lincolnshire							
Vale of Ancholme	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Wolds	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Drift	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor,	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			this is considered unlikely.				
Humber Estuary	Local	Low	The onshore HVDC converter /HVAC substation lies within this character area. The construction works will be visible from the parts of character area immediately surrounding the site.	No change to High	Temporary	None to Moderate	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Regional Landscape Character Areas/Types East Riding of Yorkshire							
11 Jurassic Hills Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
17 Farmed Urban Fringe	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
19 Open Farmland	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
21 Low Lying Drained Farmland	Local	Low	The construction works will be visible from parts of this landscape receptor. However, due to distance the construction activities will be barely discernible.	No Change to Negligible	Temporary	None to Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
22 Farmed Urban Fringe	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Local Landscape Character Areas North East Lincolnshire							
Ai Humber Estuary: Industrial Landscape	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance it is unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Bi Lincolnshire Coast & Marshes: Open Farmland	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Bii Lincolnshire Coast & Marshes: Flat Open Farmland	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Biv Lincolnshire Coast & Marshes: Sloping Farmland	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas West Lindsey							
12 North-West Wolds Escarpment	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
14 Wolds Estates	Local	Low	The construction works may be discernible from this landscape character area. However, due to the	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			distance between the works and the receptor, this is considered unlikely.				statutory consultees.
Local Landscape Character Areas North Lincolnshire							
Vale of Ancholme: Flat Valley Bottom Farmland – Roxby, Bonby, Appleby, Worlaby Carrs, Cadney, Froghall, North Kelsey Carrs	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Vale of Ancholme: Heathy Woodland – Elsham Country Park	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Vale of Ancholme: Open Undulating Farmland – Brigg, Wrawby and Barnetby	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Wolds: Open Farmed Scarp Slope – Barnetby le Wold	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Wolds: Open Rolling High Farmland – Lincolnshire Wolds Escarpment Top	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Wolds: Wooded Farmed Scarp Slope – Between Barton upon Humber and Elsham	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Lincolnshire Drift: Open Undulating Farmland – Barrow upon Humber, Goxhill, Thornton Curtis, Ulceby, Wootton	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Lincolnshire Drift: Wooded Farmland – East Halton, Kirmington, Thornton Abbey, Ulceby Junction	Local	Low	The construction works will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Flat Open Farmland – Barrow Haven, New Holland, Goxhill Haven	Local	Low	The construction works will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Industrial Landscape – South Humber Bank	Local	Low	The construction work abuts this landscape character area. However, the works will not be visible in many parts of the area and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Open Undulating Farmland – South Killingholme	Local	Medium	The onshore HVDC converter /HVAC substation lies within this character area. The construction works will be visible from the majority of the northern section of this character area (the works will not be visible from the southern section).	Medium to High	Temporary	Moderate to Major	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Humber Estuary: Water-filled Clay Pits – Barton and Barrow Clay Pits	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor,	Negligible	Temporary	Negligible to Minor	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			this is considered unlikely.				
Humber Estuary: Wooded Farmland – East Halton, North Killingholme	Local	Medium	This landscape character area lies adjacent to the one in which the onshore HVDC converter/HVAC substation is located. The works will not be visible from much of the area. However, it will be seen from it and will have some impact upon it.	Medium	Temporary	Moderate	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas East Riding of Yorkshire							
11C Elloughton cum Brough to Hessle Urban Edge Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
17A Hedon, Preston and Bilton Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
17D North Hessle Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
19D Central Holderness Open Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
19E Burstwick to Withernsea Farmland	Local	Low	The construction works will not be discernible from this landscape receptor.	No Change to Negligible	Temporary	None to Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
21B Sunk Island	Local	Low	The construction works	Negligible	Temporary	Negligible	Details of lighting during the

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			may be discernible from the majority of this landscape character area.				construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
21C South Patrington, Ottringham and Keyningham Farmland	Local	Low	The construction works will not be discernible from the majority of this landscape character area.	No Change to Negligible	Temporary	None to Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
21D Paull Farmland	Local	Low	The construction works may be discernible from this landscape character area.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
22A North Ferriby Farmland	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
Local Landscape Character Areas Kingston upon Hull							
1 Medieval Core	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
2 18 th Century Expansion	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
3 19 th /20 th /21 st Century city Centre development	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			works and the receptor, this is considered unlikely.				
4 Historic Village Core	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
5 Pre-World War One Terraces (1800 – 1919)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
6 Pre-World War One Suburbs (1800 – 1919)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
7 Interwar Council Estates (1919 – 1945)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
8 Interwar Private Suburbs (1919 – 1945)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
9 Post World War Two Council Estates (1945 – 1960)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
10 Post World War Two Council Estates (1960 – 1980)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
11 Interwar/Post World	Local	Low	The construction works will	No Change	Temporary	None	Details of lighting during the

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
War Two Council Inner City Redevelopment (1930 – 39 and 1960 – 1980)			not be visible from this landscape receptor.				construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
12 Post World War Two Private Suburbs (1945 – 1980)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
13 Post 1980 Private Estates	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
14 Pre-World War One Industrial (1800 – 1919)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
15 Interwar Industrial (1919 – 1945)	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
16 Post-World War Two Industrial	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
17 Docks	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.

Landscape Resource			Landscape effects during construction			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
18 Post-1980 Business and Retail Parks	Local	Low	The construction works may be discernible from this landscape character area. However, due to the distance between the works and the receptor, this is considered unlikely.	Negligible	Temporary	Negligible	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.
19 Agricultural Land	Local	Low	The construction works will not be visible from this landscape receptor.	No Change	Temporary	None	Details of lighting during the construction works is to be specified by the contractor and agreed with the relevant statutory consultees.