

Hornsea Offshore Wind Farm

Project Two

Environmental Statement
Volume 6 – Onshore

Annex 6.5.13
**Effects on Landscape Resources During the
Decommissioning Phase**

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SMart Wind Limited

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1 EFFECTS ON LANDSCAPE RESOURCES DURING THE DECOMMISSIONING 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 decommissioning phase of the landfall and cable route.

Landscape resources			Landscape effects during decommissioning			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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lighting required at this phase.
Brocklesby Estate RPaG	National	High	Outside study area: No effect.	No change	Temporary	None	
East Lindsey AGLV	Local	High	Outside study area: No effect.	No change	Temporary	None	
West Lindsey AGLV	Local	High	Outside study area: No effect.	No change	Temporary	None	
National seascape character areas							

Landscape resources			Landscape effects during decommissioning			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
NSCA 6 'Humber Waters'	National	Low	Within study area: No direct effect. Decommissioning 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.	Negligible	Temporary	Negligible	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
NSCA 7 'East Midlands Coastal Waters'	National	Low to Medium	Within study area: Direct effect. Decommissioning machinery will be seen as an element within this seascape character area.	Low	Temporary	Minor	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
National landscape character areas							
41 Humber Estuary	Local	Low	The machinery necessary for the decommissioning of the cable would not be visible in many parts of the wider NCA and will not alter the character of the landscape area.	No Change to Negligible	Temporary	None to Negligible	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.

Landscape resources			Landscape effects during decommissioning			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 machinery necessary for the decommissioning of the cable would not be visible in many parts of the wider NCA and will not alter the character of the landscape area.	No Change to Medium	Temporary	None to Minor	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
Regional landscape character areas/types							
East Midlands							
1A Coastal Saltmarshes and Mudflats	Local	Low	The machinery undertaking the decommissioning would introduce new elements to an open naturalistic area.	No change to Negligible	Temporary	None to Negligible	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
2A Settled Fens and Marshes	Local	Low	The machinery undertaking the decommissioning 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 Medium	Temporary	None to Minor	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.

Landscape resources			Landscape effects during decommissioning			Significance of effects	
Landscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
Local landscape character areas							
J1 Tetney Lock to Skegness Coastal Outmarsh	Local	Low	The machinery undertaking the decommissioning would not have an impact on 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	Temporary	None to Minor	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
K1 Donna Nook to Gibraltar Point Naturalistic Coast	Local	Medium	The machinery undertaking the decommissioning would alter the character of the LCA temporarily by introducing machinery into an open naturalistic area.	No change to Low	Temporary	None to Minor	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.

Table 1.2 Effects on landscape resources during the decommissioning phase of the onshore HVDC converter/HVAC substation.

Landscape receptor			Landscape effects during decommissioning			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 decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
Brocklesby Park Registered Park and Garden	National	High	No direct effect. The decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
West Lindsey AGLV	Local	Medium	The decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this

Landscape receptor			Landscape effects during decommissioning			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
							phase.
Seascape national character areas							
NSCA 6 'Humber Waters'	National	Low	The decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
NSCA 7 'East Midlands Coastal Waters' (not seen from this NSCA).	National	Low	The decommissioning works will not be visible in many parts of the area and will not alter the character of the landscape area.	Negligible	Temporary	None	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
National landscape character areas							
41 Humber Estuary	Local	Low	The decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of

Landscape receptor			Landscape effects during decommissioning			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
							lightning required at this phase.
Regional landscape character areas/types north Lincolnshire							
Humber Estuary	Local	Low	The onshore HVDC converter /HVAC substation lies within this character area. The decommissioning works will be visible from the parts of the character area immediately surrounding the site.	No change to High	Temporary	None to Moderate	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
Local landscape character areas north Lincolnshire							
Humber Estuary: Industrial Landscape – South Humber Bank	Local	Low	The decommissioning 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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.
Humber Estuary: Open Undulating Farmland – South Killingholme	Local	Medium	The onshore HVDC converter /HVAC substation lies within this character area. The decommissioning works will be visible from the majority of the northern section of this character area (the works will not be	Medium to High	Temporary	Moderate	Details of lighting during the decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to

Landscape receptor			Landscape effects during decommissioning			Significance of effects	
Landscape/townscape type/character area	Value	Sensitivity	Description of landscape effects	Magnitude	Duration	Daytime	Night time
			visible from the southern section).				the limited amount of lightning required at this phase.
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 decommissioning works are to be specified by the contractor and agreed with the relevant statutory consultees. However, it is unlikely that there would be significant effect due to the limited amount of lightning required at this phase.