



ESB Asset Development UK Limited

# Millmoor Rig Wind Farm

Environmental Impact Assessment Report (Volume 3)

Appendix 6.3 – Assessment of Landscape Character Types

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## RSK GENERAL NOTES

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# 1 APPENDIX 6.3 - ASSESSMENT OF LCTS

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## 1.1 Introduction

1.1.1 Landscape Character Types (LCTs) within 35 km of the Proposed Development have been illustrated at Figure 6.13, and those located within the 20 km detailed study area are illustrated at Figure 6.14. The LCTs within 20 km have also been overlaid with the blade tip ZTV at Figure 6.15, and with the lit turbine ZTV at Figure 6.16.

## 1.2 Landscape Character Types (LCT)

1.2.1 An initial review has been undertaken to determine which other LCTs would have the potential for significant effects to arise and would therefore require detailed consideration in this LVIA. The intention has been to ensure that the level of attention given to each character type is proportionate to the likelihood of significant effects arising. The discussion below summarises the process followed in deciding which character types have the potential to experience significant effects and hence to scope out various character types from further consideration.

1.2.2 With reference to Figure 6.13, illustrating the character types within 35 km there are certain character types from which there would be no or very limited visibility of the Proposed Development. Furthermore, with increased distance from the Proposed Development the potential for indirect and significant effects to occur is reduced. On that basis, all LCTs which are located between 20 km and 35 km have been scoped out of any further assessment, as it is considered that there would be no potential for significant effects to arise at this distance.

1.2.3 Therefore, Table 6.3.1 below lists all LCTs within the 20 km detailed LVIA study area and considers whether the potential effects upon the landscape character type should be assessed in more detail within the LVIA.

**Table 1 – Preliminary Assessment of LCTs within the 20 km Detailed LVIA Study Area**

Landscape Character Type	Location relative to the Proposed Development	Comments	Detailed Assessment Required
<b>Scottish Borders Landscape Character Types &amp; Areas</b>			
LCT 4(ii) - Southern Uplands with Scattered Forest - Dun Knowe Group	Situated over 18.1 km to the northwest of the Proposed Development	Patchy theoretical visibility from elevated locations along the southeastern fringes of the LCT. At such distance any indirect effects would be minimal and not significant.	No
LCT 4(iii) - Southern Uplands with Scattered Forest - Cauldcleuch Head Group	Situated 2.7 km to the west of the Proposed Development at its closest point and extending to over 29 km.	Majority of the LCT has very minimal theoretical visibility. Extensive theoretical visibility predicted in close proximity in the eastern part of the LCT. Potential for significant effects on part of the LCT.	<b>Yes</b>
LCT 6 - Cheviot Uplands - Cocklaw Group	Situated over 11.1 km to the northeast of the Proposed Development at its closest point and extending to over 30 km.	Patchy, intermittent theoretical visibility from elevated locations within the LCT. At such distance any indirect effects would be minimal and not significant.	No
LCT 7 - Cheviot Foothills - Falla Group	Situated 2.2km to the northeast at its closest point, extending to over 18 km	Intermittent theoretical visibility across a large proportion of the LCT. Given its close proximity, potential for significant effects on part of the LCT.	<b>Yes</b>
LCT 8(i) - Rolling Farmland - Oxnam	Situated over 8.6 km to the northeast, extending to beyond 20 km.	Intermittent theoretical visibility across a moderate proportion of the LCT. Given its distance from the site, although there is potential for effects to occur, it due to the distance from the Proposed Development effects would not be considered significant effects.	No
LCT 8(iii) - Rolling Farmland - Minto Hills	Situated over 13.7 km to the northwest extending to beyond 20km.	Theoretical visibility restricted to the western part of the LCT to the north of Hawick. Potential for limited effects to occur but due to the distance from the Proposed Development would not be considered significant.	No

Landscape Character Type	Location relative to the Proposed Development	Comments	Detailed Assessment Required
LCT 10(i) - Grassland with Rock Outcrops - Whitehaugh	Situated over 13.7 km to the northwest extending to beyond 20km.	Patchy theoretical visibility from across the LCT to the north of Hawick. Potential for limited effects to occur but due to the distance from the Proposed Development would not be considered significant.	No
LCT 10(ii) - Grassland with Rock Outcrops - Midgard	Situated approximately 8.2 km to the northwest, extending to over 12 km.	Patchy theoretical visibility from limited parts of the LCT in the vicinity of White Hill. Potential for effects to occur but due to the distance from the Proposed Development would not be considered significant	No
LCT 10(iii) - Grassland with Rock Outcrops - Allan Water	Situated approximately 10.4 km to the west of the Proposed Development.	Patchy theoretical visibility mainly restricted to the northern part of the LCT near Branxholme. Majority of the LCT will experience no effects. Potential for some limited effects to occur on a small part of the LCT, which would not be considered significant.	No
LCT 10(iv) - Grassland with Rock Outcrops - Chisholme	Situated 16.3 km to the northwest of the Proposed Development.	Theoretical visibility from the eastern part of the LCT near Hott Hill. Potential for limited effects to occur but due to the distance from the Proposed Development would not be considered significant.	No
LCT 11(i) - Grassland with Hills - Bonchester/Dunion	Situated 2.3 km to the north of the Proposed Development	Theoretical visibility from a substantial proportion of the southern half of the LCT, with potential for significant effects to occur.	<b>Yes</b>
LCT 11(ii) - Grassland with Hills - Rubers Law	Situated 5 km to the northwest of the Proposed Development	Theoretical visibility from a substantial proportion of the eastern half of the LCT, with potential for significant effects to occur.	<b>Yes</b>
LCT 22(vi) - Upland Valley with Pastoral Floor - Liddel Water	Situated 8.5 km to the southwest of the Proposed Development	Very limited theoretical visibility with the majority of the LCT experiencing no effects. No potential for significant effects to occur.	No

Landscape Character Type	Location relative to the Proposed Development	Comments	Detailed Assessment Required
LCT 26(iv) - Pastoral Upland Fringe Valley - Kale Water	Situated over 17 km to the northeast of the Proposed Development	No theoretical visibility.	No
LCT 26(v) - Pastoral Upland Fringe Valley - Upper Teviot/Bothwick Water	Situated 12.3 km to the west of the Proposed Development	Very limited theoretical visibility with the majority of the LCT experiencing no effects. No potential for significant effects to occur.	No
LCT 28(ii) - Wooded Upland Fringe Valley - Ale Water	Situated over 19.5 km to the northwest of the Proposed Development	Very limited theoretical visibility with the majority of the LCT experiencing no effects. No potential for significant effects to occur.	No
LCT 28(iii) - Wooded Upland Fringe Valley - Jed Water	Situated approximately 6.8 km to the northeast of the Proposed Development	Very limited theoretical visibility with the majority of the LCT experiencing no effects. No potential for significant effects to occur.	No
LCT 28(iv) - Wooded Upland Fringe Valley - Rule Water	Situated over 2.2 km to the northwest of the Proposed Development	Patchy visibility from the southern part of the LCT nearest to the Proposed Development, with more extensive visibility predicted to the southeast of Rubers Law. Potential for significant effects to occur.	<b>Yes</b>
LCT 28(v) - Wooded Upland Fringe Valley - Slitrig Water	Situated approximately 9.1 km to the northwest of the Proposed Development	No theoretical visibility.	No
LCT 29(i) - Lower Valley with Farmland - Lower Kale	Situated 18.7 km to the northeast of the Proposed Development.	No theoretical visibility.	No
LCT 29(ii) - Lowland Valley with Farmland - Lower Teviot	Situated 10 km to the northwest of the Proposed Development	Limited theoretical visibility from two main areas to the northwest of Jedburgh. Potential for some limited effects to occur, but as the majority of the LCT would not experience any effects, and due to the distance from the	No

Landscape Character Type	Location relative to the Proposed Development	Comments	Detailed Assessment Required
		Proposed Development, any effects would not be considered significant.	
LCT 29(iii) - Lowland Valley with Farmland - Lower Tweed	Situated over 18.5 km to the north of the Proposed Development	Patchy visibility from the southern part of the LCT that overlaps the 20 km detailed LVIA study area. Due to the distance, any effects would be minimal and would not be considered significant.	No
<b>Northumberland National Park Landscape Character Types &amp; Areas</b>			
LCT 2a – Rounded Hills - Cheviot Rounded Hills	Situated 7.2 km to the east of the Proposed Development, beyond Carter Bar.	No theoretical visibility from the closest part of the LCT situated to the east of Carter Bar. Patchy visibility from the higher hills to the east but at over 15 km from the Proposed Development there is no potential for significant character effects.	No
LCT5a - Rolling Uplands - Otterburn Plateau	Situated over 16.5 km to the east of the Proposed Development	No theoretical visibility	No
LCT5b – Rolling Uplands - Cottonshope Valley	Situated over 13.8 km to the east of the Proposed Development	Very limited theoretical visibility from the northern end of the LCT, but majority of the LCT would experience no visibility. Given the limited visibility and distance any effects would be minimal and would not be considered significant	No
LCT5c – Rolling Uplands Kelly's Pike to Callerhues Crag	Situated 17.5 km to the southeast of the Proposed Development	No theoretical visibility	No
LCT6a - Moorland Forestry Mosaic - Kielder, Wark and Redesdale Forest	Situated 6.4 km to the east of the Proposed Development	No theoretical visibility	No



Landscape Character Type	Location relative to the Proposed Development	Comments	Detailed Assessment Required
LCT6b – Moorland Forestry Mosaic – Kielder Reservoir	Situated over 19 km to the south of the Proposed Development	No theoretical visibility	No
LCT7a – Rolling Upland Valleys - Redesdale	Situated over 18 km to the southeast of the Proposed Development	No theoretical visibility	No
LCT7d – Rolling Upland Valleys – Upper North Tyne Valley	Situated over 19 km to the southeast of the Proposed Development	No theoretical visibility	No
<b>Northumberland Landscape Character Areas</b>			
LCT19a – Moorland Forestry Mosaic – Kielder and Redesdale Forests	Situated approximately 3.1 km to the southeast extending to over 20 km	Very patchy theoretical visibility in the vicinity of Kielderhead Moor and Peel Fell. The majority of the LCT would experience no effects. Although very limited parts of the LCT would have visibility the effects would be limited to specific parts of the LCT, with most of the LCT experience no effect.	No
LCT19b – Moorland Forestry Mosaic – Kielder Reservoir	Situated over 10 km to the south of the Proposed Development	Very limited theoretical visibility near Kielder. On account of the distance, any character effects would be minimal and would not be considered significant.	No
LCT20c- Rolling Upland Valleys – Upper North Tyne Valley	Situated over 18.5 km to the south of the Proposed Development	No theoretical visibility	No