

# moray offshore renewables ltd

## Environmental Statement

Technical Appendix 5.4 C - SLVIA Secondary Assessments

Telford, Stevenson, MacColl Wind Farms  
and associated Transmission Infrastructure  
Environmental Statement



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## 1. Secondary Assessment: Individual Wind Farm Sites

As MORL is applying for a separate S36 consent for each wind farm, it is necessary to assess the Seascape, Landscape and Visual impacts of each proposed wind farm site (Telford, Stevenson and MacColl) individually. MORL refer to this individual assessment as 'secondary assessment'. In undertaking secondary assessment, the realistic worst case scenarios are assessed for each wind farm site (as per the primary assessment). The realistic worst case for each individual site is different than for the primary assessment. The assessment takes account of the realistic worst case individual site impacts, which includes up to 100 turbines in each site for the highest rated turbine scenario (7 or 8 MW). The worst case scenario layouts assessed in the secondary assessment are shown in 8.4-1, Volume 7. The secondary assessment for the SLVIA is carried out in a series of tables, 10.4B.1 to 10.4B.5. The secondary effects assessed in these tables are summarised as follows:

- MacColl has less effect on landscape and visual receptors in Caithness as it is located further offshore – 29 km at closest point, but often considerably further. MacColl does not have significant effects on landscape and visual receptors in Caithness due to its greater distance offshore and lower magnitude of change. The effect of MacColl on landscape and visual receptors are generally less than those assessed in the primary assessment for all three wind farm sites.
- Telford and Stevenson have significant effects on the closest visual receptors in Caithness, but these effects are equal to or less than those assessed in the primary assessment for all three wind farm sites. Telford and Stevenson have a similar effect on landscape and visual receptors in Caithness, being a similar distance offshore and horizontal spread on the skyline.
- Telford and Stevenson have less effect on landscape and visual receptors in Moray/Aberdeenshire, generally assessed as negligible, due to their location further offshore than MacColl (over 49 km from the closest point) and very limited visibility of just their blade tips.
- MacColl has relatively more effect on landscape and visual receptors in Moray/Aberdeenshire than Telford and Stevenson, but is still assessed as having a low magnitude of change on the baseline landscape and visual conditions and is assessed as not significant from all landscape and visual receptors. These effects are equal to or less than those assessed in the primary assessment for all three wind farm sites.
- Overall, the individual effects of the three proposed wind farm sites are – at worst – of an equal magnitude/significance as in the primary assessment. The primary reasons why these effects are equal to, or less than, those assessed in the primary assessment are the:
  - Greater distance of single wind farm site offshore, therefore less visible and turbines appear smaller in scale;
  - Smaller horizontal extent of single wind farm site, covering less of the skyline, such that single wind farm site appears as an isolated, smaller scale feature surrounded by wider, large scale seascape; and

- Partial screening by intervening coastal landforms, such as in views of MacColl from Caithness e.g. Keiss Pier (Viewpoint 2), Sortat (Viewpoint 3), Wick Bay (Viewpoint 4).

The assessments of construction, operational and decommissioning effects are not repeated for every receptor. Construction and decommissioning effects are assessed as negative, short term and temporary. Operational effects are assessed as negative, long term and temporary.

**Table 10.4B.1 Secondary Assessment - Viewpoints**

		Telford					Stevenson					MacColl				
<b>Construction, Decommissioning and Operation</b>																
Viewpoint	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	
1. Duncansby Head	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant	
2. Keiss Pier	Medium-high	Low	Not significant	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant	
3. Sortat	Medium-low	Low-negligible	Not significant	Medium-low	Negligible	Not significant	Medium-low	Negligible	Not significant	Medium-low	Negligible	Not significant	Medium-low	None	Not significant	
4. Wick Bay	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	
5. Sarclet (Sarclet Haven Info Board)	Medium	Medium	Significant	Medium	Medium	Significant	Medium	Medium	Significant	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	
6. Hill O' Many Stanes	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	
7. Lybster (end of Main Street)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	
8. Latheron (A9)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	
9. Dunbeath (nr Heritage Centre)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	
10. Berriedale (A9)	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	
11. Morven	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	
12. Navidale	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	
13. Catchory	Medium	Low	Not significant	Medium	Negligible	Not significant	Medium	Negligible	Not significant	Medium	None	Not significant	Medium	None	Not significant	
14. Minor Rd, south side of Stemster Hill	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Low	Not significant	
15. Whaligoe Steps	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium-low	Not significant	

Viewpoint	Telford			Stevenson			MacColl		
	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect
16. Lossiemouth, Harbour	Medium	Negligible	Not significant	Medium	Low	Not significant	Medium	Low	Not significant
17. Buckie, Cliff Terrace	Medium-low	Negligible	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant
18. Portnockie - Bow Fiddle Rock Info Point	Medium-high	Negligible	Not significant	Medium-high	Low-negligible	Not significant	Medium-high	Low	Not significant
19. Cullen, Viaduct & cycle path	Medium-high	Negligible	Not significant	Medium-high	Low-negligible	Not significant	Medium-high	Low	Not significant
20. Bin Hill	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Low	Not significant
21. Findlater Castle	Medium-high	Negligible	Not significant	Medium-high	Low-negligible	Not significant	Medium-high	Low	Not significant
22. Portsoy	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant	Medium-high	Low	Not significant



**Table 10.4B.2 Secondary Assessment – Route Corridors**

		Telford				Stevenson				MacColl			
<b>Construction, Decommissioning and Operation</b>													
Route Corridor	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to change	Magnitude of Change	Significance of Effect	Sensitivity to change	Magnitude of Change	Significance of Effect	Significance of Effect
A882	Low	Low	Not significant	Low	Low	Not significant	Low	Low	Not significant	Low	Low	Not significant	Not significant
A9 (Brora to Latheron)	Medium to medium-high	Brora to Helmsdale: Medium-low Helmsdale to Ousdale: Medium-low Ousdale to Berriedale: Low Berriedale to Latheron: Medium	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	Medium to medium-high	Brora to Helmsdale: Medium-low Helmsdale to Ousdale: Medium-low Ousdale to Berriedale: Low Berriedale to Latheron: Medium	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	Medium to medium-high	Brora to Helmsdale: Low Helmsdale to Ousdale: Low Ousdale to Berriedale: Low Berriedale to Latheron: Medium-low	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	Medium to medium-high	Brora to Helmsdale: Low Helmsdale to Ousdale: Low Ousdale to Berriedale: Low Berriedale to Latheron: Medium-low	Not significant	Not significant
A9 (Latheron to Thurso)	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Not significant
A99 (Latheron to Wick)	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick and past Lybster: Not significant Latheron to Thrumster: Significant	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick, past Lybster: Not significant Latheron to Thrumster: Significant	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick, past Lybster: Not significant Latheron to Thrumster: Significant	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium-low	Not significant	Not significant
A99 (Wick to John O' Groats)	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	Medium	Low	Not significant	Not significant



**Table 10.4B.3 Secondary Assessment – Landscape Types**

Construction, Decommissioning and Operation	Telford			Stevenson			MacColl		
	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to change	Magnitude of Change	Significance of Effect
6. Coastal Island	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Negligible	Not significant
8. Coastal Shelf	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant
11. Harbour	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium-low	Not significant
12. High Cliffs and Sheltered Bays	High	Duncansby Head: Low Berriedale to Helmsdale: Medium-low	Not significant	High	Duncansby Head: Low Berriedale to Helmsdale: Medium-low	Not significant	High	Duncansby Head: Negligible Berriedale to Helmsdale: Medium-low	Not significant
16. Long Beaches Dunes and Links	Medium-high	Low	Not significant	Medium-high	Negligible	Not significant	Medium-high	Negligible	Not significant
18. Mixed Agriculture and Settlement	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Negligible	Not significant
19. Moorland Slopes and Hills	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant
20. Open Intensive Farmland	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low-negligible	Not significant
23. Small Farms and Crofts	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium-low	Not significant

**Table 10.4B.4 Secondary Assessment – Coastal Character Areas**

	Telford				Stevenson				MacColl				
<b>Coastal Character Area</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Significance of Change</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Significance of Change</b>	<b>Sensitivity to change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Significance of Change</b>	<b>Sensitivity to change</b>
7. Duncansby Head	High	Low	Not significant	Low	High	Low	Not significant	Low	High	Negligible	Not significant	Negligible	High
8. Freswick Bay and Nybster Coast	Medium	Low	Not significant	Low	Medium	Low	Not significant	Low	Medium	Negligible	Not significant	Negligible	Medium
9. Sinclair's Bay	Medium-high	Low	Not significant	Negligible	Medium-high	Negligible	Not significant	Medium-low	Medium-high	Negligible	Not significant	Negligible	Medium-high
10. Noss Head	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Medium-low	Not significant	Medium	Medium-low	Medium-low	Not significant	Low	Medium-low
11. Wick Bay	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Low	Medium
12. Sarclet Head	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium-low	Medium
13. Lybster Bay	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium-low	Medium
14. Dunbeath Bay	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium	Medium	Medium	Not significant	Medium-low	Medium
15. Helmsdale to Berrisdale Coastal Shelf	Medium-high	Medium-low	Not significant	Medium-low	Medium-high	Medium-low	Not significant	Medium-low	Medium-high	Medium-low	Not significant	Medium-low	Medium-high
16. Brora to Helmsdale Deposition Coast	Medium	Medium-low	Not significant	Medium-low	Medium	Medium-low	Not significant	Medium-low	Medium	Medium-low	Not significant	Medium-low	Medium

**Table 10.4B.5 Secondary Assessment – Landscape Designations**

	Telford				Stevenson				MacColl			
<i>Construction, Decommissioning and Operation</i>												
Landscape Designation	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect
<b>Gardens and Designed Landscapes</b>												
Castle of Mey	High	None	Not significant	High	None	Not significant	High	None	Not significant	High	None	Not significant
Dunbeath Castle	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
Langwell Lodge	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
Cullen House	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant
Gordon Castle	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant
Gordonstoun	High	None	Not significant	High	None	Not significant	High	None	Not significant	High	None	Not significant
Innes House	High	None	Not significant	High	None	Not significant	High	None	Not significant	High	None	Not significant
Duff House	High	None	Not significant	High	None	Not significant	High	None	Not significant	High	None	Not significant
<b>Special Landscape Areas</b>												
Flow Country and Berriedale Coast	High	Medium-low	Not significant	High	Medium-low	Not significant	High	Medium-low	Not significant	High	Medium-low	Not significant
Duncansby Head	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant	High	Negligible	Not significant
Dunnet Head Loch Fleet, Loch Brora and Glen Loth	High	None	Not significant	High	None	Not significant	High	None	Not significant	High	None	Not significant

## 2. Sensitivity Assessment

Sensitivity assessment is used to examine the different possible development permutations. This means that the SLVIA assesses all three wind farms as a whole, each wind farm site individually, and combinations of two projects. As per the primary and secondary assessment, the sensitivity assessment considers the worst case development scenario. For the sensitivity assessment, the SLVIA assesses the effects of two of the wind farm sites together. The sensitivity assessment assesses three potential development scenarios: MacColl + Stevenson; MacColl + Telford and Stevenson + Telford, as the seascape, landscape and visual effects of each scenario are likely to be different. The worst case scenario layouts assessed in the sensitivity assessment are those shown for the secondary assessment in Figure 8.4-1. The assessment takes account of the realistic worst case, which includes up to 100 turbines in each site for the highest rated turbine scenario (7 or 8 MW). The sensitivity assessment for the SLVIA is carried out in a series of summary tables, 10.4B.6 to 10.4B.10 – provided below. The sensitivity assessment detailed in these tables is summarised as follows:

- The combination of MacColl and Stevenson has less effect on landscape and visual receptors in the northern part of Caithness, than assessed in the primary assessment. This is due to the greater distance to the closest part of Stevenson Wind Farm and the orientation of parts of the coast, such as Sinclair's Bay, where the landform of Noss Head largely screens views of MacColl and Stevenson. The effect of MacColl and Stevenson on landscape and visual receptors is equal to, or less than, those assessed in the primary assessment for all three wind farm sites.
- The combination of MacColl and Telford may result in a 'gap' appearing between the wind farm sites in views from Caithness, to the south of Wick, such as the sites may appear as separate wind farms on the skyline. Although this effect is assessed as adverse, the overall effect of MacColl and Telford on landscape and visual receptors is equal to, or less than, those assessed in the primary assessment for all three wind farm sites.
- The combination of Stevenson and Telford has less effect on landscape and visual receptors in Moray and Aberdeenshire, than assessed in the primary assessment. This is due to the greater distance to the closest part of Stevenson Wind Farm and very limited visibility of just turbine blades on the horizon. The effect of Stevenson and Telford on landscape and visual receptors is equal to, or less than, those assessed in the primary assessment for all three wind farm sites.
- Overall, the sensitivity assessment has found that effects of combinations of two of the three proposed wind farm sites are – at worst – of an equal magnitude/significance as in the primary assessment. The primary reasons why these effects are equal to, or less than, those assessed in the primary assessment are the:
  - Greater distance of wind farm sites offshore, therefore less visible and turbines appear smaller in scale;
  - Smaller horizontal extent of wind farm sites, covering less of the skyline,

such that wind farm sites appears as an isolated, smaller scale feature surrounded by wider, large scale seascape; and

- Partial screening by intervening coastal landforms, such as in views of MacColl and Stevenson from Caithness e.g. Keiss Pier (Viewpoint 2), Sortat (Viewpoint 3), Wick Bay (Viewpoint 4).
- The sensitivity assessment has found that the predicted effects of two of the wind farm sites together, albeit reduced in comparison to the primary assessment, remain largely unchanged from those predicted for all three wind farm sites. This is partly due to the assessment techniques and the way that effects are graded, but also reflects the potential effects that a large offshore wind farm in the Outer Moray Firth will have on landscape and visual receptors.

**Table 10.4B.6 Sensitivity Assessment - Viewpoints**

	MacColl (7/8MW) + Stevenson (7/8MW)			MacColl (7/8MW) + Telford (7/8MW)			Stevenson (7/8MW) + Telford (7/8MW)		
<b>Construction, Decommissioning and Operation</b>									
<b>Viewpoint</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>
1. Duncansby Head	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
2. Keiss Pier	Medium-high	Negligible	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
3. Sortat	Medium-low	Negligible	Not significant	Medium-low	Low-negligible	Not significant	Medium-low	Low-negligible	Not significant
4. Wick Bay	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
5. Sarclet (Sarclet Haven Info Board)	Medium	Medium	Significant	Medium	Medium	Significant	Medium	Medium	Significant
6. Hill O' Many Stanes	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
7. Lybster (end of Main Street)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
8. Latheron (A9)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
9. Dunbeath (nr Heritage Centre)	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
10. Berriedale (A9)	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant
11. Morven	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
12. Navidale	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant
13. Catchory	Medium	Negligible	Not significant	Medium	Low	Not significant	Medium	Low	Not significant
14. Minor Rd, south side of Stemster Hill	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant
15. Whaligoe Steps	Medium-high	Medium	Significant	Medium-high	Medium	Significant	Medium-high	Medium	Significant
16. Lossiemouth, Harbour	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Low-negligible	Not significant

Viewpoint	MacColl (7/8MW) + Stevenson (7/8MW)				MacColl (7/8MW) + Telford (7/8MW)				Stevenson (7/8MW) + Telford (7/8MW)			
	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect
17. Buckie, Cliff Terrace	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low-negligible	Not significant
18. Portnockie - Bow Fiddle Rock Info Point	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low-negligible	Not significant
19. Cullen, Viaduct & cycle path	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low-negligible	Not significant
20. Bin Hill	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Low-negligible	Not significant
21. Findlater Castle	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low-negligible	Not significant
22. Portsoy	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low-negligible	Not significant

**Construction, Decommissioning and Operation**



**Table 10.4B.7 Sensitivity Assessment – Route Corridors**

		MacColl (7/8MW) + Stevenson (7/8MW)			MacColl (7/8MW) + Telford (7/8MW)			Stevenson (7/8MW) + Telford (7/8MW)		
<b>Construction, Decommissioning and Operation</b>										
Route Corridor	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to change	Magnitude of Change	Significance of Effect	
A882	Low	Low	Not significant	Low	Low	Not significant	Low	Low	Not significant	
A9 (Brora to Latheron)	Medium to medium-high	Brora to Helmsdale: Medium-low Helmsdale to Ousdale: Medium-low Ousdale to Berriedale: Low Berriedale to Latheron: Medium	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	Medium to medium-high	Brora to Helmsdale: Medium-low Helmsdale to Ousdale: Medium-low Ousdale to Berriedale: Low Berriedale to Latheron: Medium	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	Medium to medium-high	Brora to Helmsdale: Medium-low Helmsdale to Ousdale: Medium-low Ousdale to Berriedale: Low Berriedale to Latheron: Medium	Brora to Berriedale: Not significant Berriedale to Latheron: Significant	
A9 (Latheron to Thurso)	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant	
A99 (Latheron to Wick)	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick and past Lybster: Not significant Latheron to Thrumster: Significant	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick and past Lybster: Not significant Latheron to Thrumster: Significant	Medium	Thrumster to Wick: Negligible Past Lybster: Negligible Latheron to Thrumster: Medium	Thrumster to Wick and past Lybster: Not significant Latheron to Thrumster: Significant	
A99 (Wick to John O' Groats)	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	

**Table 10.4B.8 Sensitivity Assessment – Landscape Types**

	MacColl (7/8MW) + Stevenson (7/8MW)			MacColl (7/8MW) + Telford (7/8MW)			Stevenson (7/8MW) + Telford (7/8MW)		
<b>Construction, Decommissioning and Operation</b>									
<b>Landscape Type</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>
6. Coastal Island	Medium-high	Low	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
8. Coastal Shelf	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant
11. Harbour	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant
12. High Cliffs and Sheltered Bays	High	Duncansby Head: Low Berriedale to Helmsdale: Medium-low	Not significant	High	Duncansby Head: Low Berriedale to Helmsdale: Medium-low	Not significant	High	Duncansby Head: Low Berriedale to Helmsdale: Medium-low	Not significant
16. Long Beaches Dunes and Links	Medium-high	Negligible	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
18. Mixed Agriculture and Settlement	Medium	Negligible	Not significant	Medium	Low	Not significant	Medium	Low	Not significant
19. Moorland Slopes and Hills	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant
20. Open Intensive Farmland	Medium-low	Low	Not significant	Medium-low	Low	Not significant	Medium-low	Low	Not significant
23. Small Farms and Crofts	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant

**Table 10.4B.9 Sensitivity Assessment – Coastal Character Areas**

	MacColl (7/8MW) + Stevenson (7/8MW)			MacColl (7/8MW) + Telford (7/8MW)			Stevenson (7/8MW) + Telford (7/8MW)		
<b>Construction, Decommissioning and Operation</b>									
Coastal Character Area	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to Change	Magnitude of Change	Significance of Effect	Sensitivity to change	Magnitude of Change	Significance of Effect
7. Duncansby Head	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
8. Freswick Bay and Nybster Coast	Medium	Low	Not significant	Medium	Low	Not significant	Medium	Low	Not significant
9. Sinclair's Bay	Medium-high	Negligible	Not significant	Medium-high	Low	Not significant	Medium-high	Low	Not significant
10. Noss Head	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant	Medium-low	Medium-low	Not significant
11. Wick Bay	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant
12. Sarclet Head	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant
13. Lybster Bay	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant
14. Dunbeath Bay	Medium	Medium	Not significant	Medium	Medium	Not significant	Medium	Medium	Not significant
15. Helmsdale to Berriedale Coastal Shelf	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant	Medium-high	Medium-low	Not significant
16. Brora to Helmsdale Deposition Coast	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant	Medium	Medium-low	Not significant

**Table 10.4B.10 Sensitivity Assessment – Landscape Designations**

	MacColl (7/8MW) + Stevenson (7/8MW)			MacColl (7/8MW) + Telford (7/8MW)			Stevenson (7/8MW) + Telford (7/8MW)		
<b>Landscape Designation</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to Change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>	<b>Sensitivity to change</b>	<b>Magnitude of Change</b>	<b>Significance of Effect</b>
<b>Gardens and Designed Landscapes</b>									
Castle of Mey	High	None	Not significant	High	None	Not significant	High	None	Not significant
Dunbeath Castle	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
Langwell Lodge	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
Cullen House	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant
Gordon Castle	High	Low-negligible	Not significant	High	Low-negligible	Not significant	High	Low-negligible	Not significant
Gordonstoun	High	None	Not significant	High	None	Not significant	High	None	Not significant
Innes House	High	None	Not significant	High	None	Not significant	High	None	Not significant
Duff House	High	None	Not significant	High	None	Not significant	High	None	Not significant
<b>Special Landscape Areas</b>									
Flow Country and Berriedale Coast	High	Medium-low	Not significant	High	Medium-low	Not significant	High	Medium-low	Not significant
Duncansby Head	High	Low	Not significant	High	Low	Not significant	High	Low	Not significant
Dunnet Head Loch Fleet, Loch Brora and Glen Loth	High	None	Not significant	High	None	Not significant	High	None	Not significant

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