Novar 1 Wind Farm Repowering

Chapter 14 - Summary of Significant Residual Effects

September 2026



14. Summary of Significant Residual Effects

14.1 Introduction

14.1.1 This chapter summarises the significant residual environmental effects of the Proposed Development. Residual effects are defined as those that remain following the implementation of embedded and additional mitigation measures, as defined in **Chapter 2: EIA Methodology and Scope (EIAR Volume 2)**. Residual effects and mitigation measures are discussed in detail in the relevant technical chapters (**5 to 12 in EIAR Volume 2**).

14.1.2 Throughout the EIAR, technical disciplines have considered the likely significant effects of the Proposed Development with consideration of embedded mitigation. Where significant effects have been identified, additional specific mitigation has been proposed to minimise these effects where practicable. A summary of these mitigation measures is provided in **Technical Appendix 14.1 Schedule of Mitigation (EIAR Volume 4)**.

14.2 Summary of Significant Residual Effects

14.1.3 No significant residual effects have been identified for the following topics:

- Chapter 7: Ecology;
- Chapter 8: Ornithology;
- Chapter 9: Hydrology, Hydrogeology, Soils and Peat;
- Chapter 10: Noise;
- Chapter 11: Traffic and Access; and
- Chapter 12: Aviation.

14.1.4 Significant residual effects have been identified for Landscape and Visual Amenity and Cultural Heritage during the operational phase of the Proposed Development and are summarised below in Table 14.1. All identified significant residual effects are adverse.

14.1.5 As identified in **Chapter 5 of Volume 2 of the EIAR**, the Landscape and Visual Amenity assessment has considered two scenarios:

- **Comparative scenario** whereby the operational effects of the repowered wind farm have been assessed against a baseline that includes the existing Novar 1 Wind Farm; and
- **Restored scenario** whereby the operational effects of the repowered wind farm have been assessed against an undeveloped 'greenfield' baseline.

Table 14.1: Summary of Significant Residual Effects

Topic	Receptor	Sensitivity	Environmental Effect	Additional Mitigation Required	Duration of Effect	Significance of Residual Effect
Landscape and Visual Amenity	LCT329 - Rounded Mountain Massif (the main host LCT	Low to High/Medium	Proposed Development has potential to affect the landscape characteristics.	None	Long Term	Major/Moderate within 8 km (restored scenario only)
	LCT330 - Rounded Hills and Moorland Slopes – Ross and Cromarty	Medium to High/Medium		None	Long Term	Major/Moderate 4 km (restored scenario only)
	LCT339 Inland Strath	Medium/High		None	Long Term	Major/Moderate (restored scenario only)
	LCT341 Forest Edge Farming	Medium		None	Long Term	Major/Moderate (restored scenario only)
	Ben Wyvis SLA	Medium/High	Proposed Development has potential to affect the character of a Special Landscape Area (SLA).	None	Long Term	Major/Moderate (restored scenario only) On one Special Landscape Quality (SLQ) only. Overall integrity not compromised.
	Boath (settlement)	High	Proposed Development has potential to affect the view due to its physical presence.	None	Long Term	Major/Moderate (comparative scenario) Major (restored scenario)
	Core Path RC05.02: Tollie to Lealty	High		None	Long Term	Major/Moderate (comparative scenario) Major (restored scenario)
	Core Path RC16.01: Swordale Hill	High		None	Long Term	Major/Moderate
	Core Path RC05.03: Dam Wood	High		None	Long Term	Major/Moderate (comparative scenario)

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Topic	**Receptor**	**Sensitivity**	**Environmental Effect**	**Additional Mitigation Required**	**Duration of Effect**	**Significance of Residual Effect**
						Major (restored scenario)
	Core Path RC05.04: Dublin to Ardross Mains	High		None	Long Term	Moderate (comparative scenario) Major (restored scenario)
	Viewpoint 2: Carn Salachaidh.	High		None	Long Term	Moderate (comparative and restored scenario)
	Viewpoint 3 Loch Glass at Ben Wyvis Lodge	High		None	Long Term	Moderate (comparative and restored scenario)
	Viewpoint 4: Strath Rusdale	High		None	Long Term	Major/Moderate with forestry felled only (comparative and restored scenario)
	Viewpoint 5: A9 between Duncansby and Causeway	High/Medium (Tourists) Medium (Motorists)		None	Long Term	Moderate (comparative and restored scenario) for Tourists only.
	Viewpoint 6: Boath	High		None	Long Term	Major/Moderate (comparative scenario) Major (restored scenario)
	Viewpoint 7: Minor Road at Inchlumpie	High		None	Long Term	Major/Moderate (comparative scenario) Major (restored scenario)
	Viewpoint 8: Minor road by Ardross Distillery	Medium		None	Long Term	Major/Moderate (restored scenario only)
	Viewpoint 10: Beinn Tharsuinn	High		None	Long Term	Major/Moderate (restored scenario only)

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Topic	**Receptor**	**Sensitivity**	**Environmental Effect**	**Additional Mitigation Required**	**Duration of Effect**	**Significance of Residual Effect**
	Viewpoint 16: Ben Wyvis	High		None	Long Term	Major/Moderate (restored scenario only)
	Viewpoint 20: Glen Glass	High		None	Long Term	Major/Moderate (comparative and restored scenario)
	Cumulative Effects					
	LCT339 Inland Strath	High/Medium	Proposed Development in addition to the cumulative developments has potential to affect the landscape characteristics.	None	Long Term	Major/Moderate
	Boath (settlement)	High	Proposed Development together with the cumulative developments has potential to affect the view due to its physical presence.	None	Long Term	Major/Moderate
	Core path RC05.02	High		None	Long Term	Major/Moderate
Cultural Heritage	Boath, three chambered cairns NE and NNE of Easter Ballone Farm (Assets 17.1-17.3) Wyvis Lodge (Assets 23.1-23.4) Ardross Castle (Assets 26.1-26.4) Ardross Castle GDL (Asset 31)	High	Setting effects upon the designated heritage sites	None	Long Term	Moderate

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	Cumulative Effects					
	Boath, three chambered cairns NE and NNE of Easter Ballone Farm (Assets 17.1-17.3)	High	The Proposed Development, together with cumulative developments, has the potential to affect the setting of designated heritage sites.	None	Long Term	Moderate