

CHAPTER 17 – SUMMARY OF EFFECTS

17 SUMMARY OF EFFECTS.....	17-2
17.1 Introduction	17-2
17.2 Summary of Likely Significant Effects	17-2
17.3 Kellas Alternative Alignment Likely Significant Effects.....	17-32
17.4 Summary of Residual Significant Effects	17-36

Figures (Volume 3 of this EIA Report)

No visualisations are associated with this Chapter.

Visualisations (Volume 4 of this EIA Report)

No visualisations are associated with this Chapter.

Appendices (Volume 5 of this EIA Report)

No visualisations are associated with this Chapter.

17 SUMMARY OF EFFECTS

17.1 Introduction

- 17.1.1 The findings of the environmental impact assessment (EIA) for the Proposed Development are presented within the technical assessments contained within **Chapters 7 - 16** of this EIA Report. The significance of these effects has been assessed using criteria defined in the topic chapters. The significance of effects has been categorised as **major, moderate, minor or negligible**, with effects assessed as being of '**major**' or '**moderate**' generally considered to be **significant** effects in the context of the EIA Regulations. The exception being the Landscape and Visual assessment where there are some effects of **moderate significance** which are **not significant**; the justification for this is presented within **Chapter 7: Landscape and Visual**.
- 17.1.2 Mitigation measures have been identified to prevent, reduce or remedy potentially significant adverse environmental effects identified where practicable, beyond that already taken into account as normal good practice (i.e. embedded mitigation) e.g. the Construction Environment Management Plan (CEMP). Such measures will be implemented during detailed design, construction and / or operation of the Proposed Development. Each technical chapter of this EIA Report details the measures recommended to mitigate identified significant effects, and a summary of the recommended mitigation measures is provided in **Chapter 18: Schedule of Mitigation**. Any remaining effects following implementation of available mitigation measures are known as 'residual effects'.

17.2 Summary of Likely Significant Effects

- 17.2.1 **Table 17.1** summarises the likely predicted significant effects as a result of the Proposed Development, both in the absence of additional mitigation and the residual effects following the implementation of additional mitigation. Where the likely predicted effects are not significant, they are not detailed in this Chapter.

Table 17.1: Likely Significant Effects

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Landscape and Visual (see Chapter 7: Landscape and Visual)				
Construction – Designated and Protected Landscapes				
MORAY				
Localised impacts within The Spey Valley SLA (around Orbliston, Dipple, Inchberry and Ordiquish)	Impacts on the setting of the River Spey, appreciation of the Earth Pillars, on visual amenity through the local section of the river valley, and on its perceptual qualities including tranquillity	Locally Major Adverse (Significant)	None	Locally Major Adverse (Significant)
ABERDEENSHIRE				
Localised impact within the Deveron Valley SLA (north of Huntly)	Impacts through adverse changes to visual amenity, land cover and perceptual qualities such as tranquillity	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Construction – Landscape Character				
HIGHLAND				
Local effects: LCT 229 Enclosed Farmland	Local impacts on visual amenity, tranquillity and perception of the enclosed farmland in the River Beaully valley between Fanellan and Easter Moniak	Locally Major Adverse (Significant)	None	Locally Major Adverse (Significant)
Overall effect on LCT 229 Enclosed Farmland	Introduction of construction through a well-used and valued section of the landscape would impact perceived tranquillity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
Local effects: LCT 342 Farmed River Plains	Highly intrusive locally on visual amenity and the perceptual qualities through the River Beaully corridor and within open fields around Easter Moniak, Inchmore and through the A862 corridor	Locally Major Adverse (Significant)	None	Locally Major Adverse (Significant)
Local effects: LCT 228 Rolling Farmland and Woodland	Local impacts on the setting of the western slopes of The Aird and on the River Ness valley to the east of The Aird	Locally Moderate to Major Adverse (Significant)	None	Locally Moderate to Major Adverse (Significant)
Local effects: LCT 225 Broad Steep – Sided Glen	Localised impacts on visual amenity within a highly scenic landscape through the River Ness valley impacting local tranquillity for recreational users	Locally Major Adverse (Significant)	None	Locally Major Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Local effects: LCT 222 Rocky Moorland Plateau	Local impacts on the perceptual qualities, visual amenity and land cover over The Aird, noticeable, albeit intermittently, from highly valued public routes.	Locally Moderate to Major Adverse (Significant)	None	Locally Moderate to Major Adverse (Significant)
Local effects: LCT 223 Flat Moorland Plateau With Woodland	Local impacts on openness, visual amenity and remoteness through Drum Mossie Muir	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 227 Farmed Strath - Inverness	Local impacts on setting, visual amenity, and land cover of the Strathnairn	Locally Moderate to Major Adverse (Significant)	None	Locally Moderate to Major Adverse (Significant)
Local effects: LCT 221 Rolling Uplands – Inverness	Local impacts on land cover, remoteness, tranquillity, and visual amenity through the open moorland southeast of Saddle Hill	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 291 Open Rolling Upland – Moray	Local impact on the open moorland between Saddle Hill and Clunas Reservoir	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 286 Narrow Wooded Valley – Moray and Nairn	Local impacts on perception, quality, land cover and setting of the Findhorn valley and Ardclach landscape	Locally Moderate to Major Adverse (Significant)	None	Locally Moderate to Major Adverse (Significant)
MORAY				
Local effects: LCT 291 Open Rolling Upland – Moray	Local impacts on the open moorland between the Dorback Burn and the River Divie	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 290 Upland Moorland and Forestry	Local impacts on the setting, visual amenity and perceptual qualities of the remote upland landscape of high scenic value through the Glen of Rothes valley and on Brown Muir, Coleburn	Locally Major Adverse (Significant)	None	Locally Major Adverse (Significant)
Overall effect on LCT 290 Upland Moorland and Forestry	Impacts on visual amenity and perceptual qualities across the remote upland landscape of high scenic value	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
Local effects: LCT 284 Coastal Farmland - Moray & Nairn	Local impacts on tranquillity, visual amenity and the setting of the River Spey valley	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 293 Low Forested Hills	Impact on Ordiequish Hill and through the Wood of Ordiequish through a local change to visual amenity, perceptual qualities and a noticeable change to land	Locally Moderate to Major Adverse (Significant)	None	Locally Moderate to Major Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
	cover within a highly scenic, designated landscape.			
Local effects: LCT 288 Upland Farmland	Local impacts on the visual amenity, perceptual qualities and setting of the River Isla	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 27 Farmed Moorland Edge	Local impacts on the perception and visual amenity of the distinctive hill form of Meikle Balloch Hill	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
ABERDEENSHIRE				
Local effects: LCT 27 Farmed Moorland Edge	Local impacts on the perception and important views to Meikle Balloch Hill	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 32 Farmed and Wooded River Valleys	Local impacts on visual amenity and tranquillity on the River Deveron valley and A947 / Burn of Turriff corridor	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Local effects: LCT 20 Undulating Agricultural Heartland	Local impacts on the setting of the local valley and Waggle Hill to the south of Cuminestown, and the setting and tranquillity of the landscape around Culsh Monument	Locally Moderate Adverse (Significant)	None	Locally Moderate Adverse (Significant)
Construction – Visual Receptors (Buildings, Routes and Outdoor Locations)				
HIGHLAND				
1 residential receptor group: THC-R-51	Impact on visual amenity through visibility of construction activity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
6 residential receptor groups: THC-R-1 A; THC-R-23 A; THC-R-24; THC-R-25; THC-R-49; THC-R-50	Impact on visual amenity through visibility of construction activity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)
15 residential receptor groups: THC-R-1 B; THC-R-5; THC-R-13; THC-R-16; THC-R-17; THC-R-18; THC-R-22; THC-R-28; THC-R-29; THC-R-37; THC-R-44; THC-R-53; THC-R-55; THC-R-56a; THC-R-56b	Impact on visual amenity through visibility of construction activity	Major Adverse (Significant)	None	Major Adverse (Significant)
4 recreational receptors: THC-REC-6; THC-REC-12;	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
THC-REC-15; THC-REC-26				
6 recreational receptors: THC-REC-2; THC-REC-7; THC-REC-14; THC-REC-16; THC-REC-17; THC-REC-22	Visibility of construction activity and visual amenity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)
4 recreational receptors: THC-REC-5; THC-REC-9; THC-REC-11; THC-REC-24	Visibility of construction activity and visual amenity	Major Adverse (Significant)	None	Major Adverse (Significant)
5 transport receptors: THC-T-2; THC-T-3; THC-T-4 THC-T-6; THC-T-7	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
MORAY				
2 residential receptor groups: MOR-R-2A; MOR-R-57	Impact on visual amenity through visibility of construction activity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
12 residential receptor groups: MOR-R-5; MOR-R-8; MOR-R-11; MOR-R-23; MOR-R-29; MOR-R-30; MOR-R-33 B; MOR-R-36 B; MOR-R-41 B; MOR-R-48; MOR-R-56; MOR-R-58	Impact on visual amenity through visibility of construction activity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)
19 residential receptor groups: MOR-R-1; MOR-R-7; MOR-R-10; MOR-R-28; MOR-R-31; MOR-R-32 A; MOR-R-32 B; MOR-R-33 A; MOR-R-42; MOR-R-43; MOR-R-44; MOR-R-45; MOR-R-46; MOR-R-47; MOR-R-53; MOR-R-54; MOR-R-55; MOR-R-60; MOR-R-61	Visibility of construction activity and visual amenity	Major Adverse (Significant)	None	Major Adverse (Significant)
3 recreational receptors: MOR-REC-5; MOR-REC-21; MOR-REC-22	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
6 recreational receptors: MOR-REC-1; MOR-REC-9; MOR-REC-12; MOR-REC-16; MOR-REC-23; MOR-REC-24	Visibility of construction activity and visual amenity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
1 recreational receptor: MOR-REC-15	Visibility of construction activity and visual amenity	Major Adverse (Significant)	None	Major Adverse (Significant)
7 transport receptors: MOR-T-1; MOR-T-2; MOR-T-4; MOR-T-5; MOR-T-7; MOR-T-8; MOR-T-9	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
ABERDEENSHIRE				
4 residential receptor groups: AB-R-4b; AB-R-14; AB-R-22; AB-R-30	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
9 residential receptor groups: AB-R-1b; AB-R-2; AB-R-3; AB-R-9; AB-R-13; AB-R-15; AB-R-25; AB-R-46; AB-R-47	Visibility of construction activity and visual amenity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)
9 residential receptor groups: AB-R-1a; AB-R-4a; AB-R-5; AB-R-6; AB-R-7; AB-R-8; AB-R-10; AB-R-11; AB-R-12	Visibility of construction activity and visual amenity	Major Adverse (Significant)	None	Major Adverse (Significant)
3 recreational receptors: AB-REC-9; AB-REC-12; AB-REC-20	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
4 recreational receptors: AB-REC-3; AB-REC-7; AB-REC-8; AB-REC-10	Visibility of construction activity and visual amenity	Moderate to Major Adverse (Significant)	None	Moderate to Major Adverse (Significant)
10 transport receptors: AB-T-2; AB-T-3; AB-T-4; AB-T-6; AB-T-7; AB-T-8; AB-T-9; AB-T-10; AB-T-11; AB-T-12	Visibility of construction activity and visual amenity	Moderate Adverse (Significant)	None	Moderate Adverse (Significant)
Operation – Designated and Protected Landscapes				
MORAY				
Localised impacts within The Spey Valley SLA (around Orbliston, Dipple, Inchberry and Ordiquish)	Local impacts on the setting of the River Spey, appreciation of the Earth Pillars, on visual amenity through the local section of the river valley, and on its perceptual qualities including tranquillity	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant)	Extension of the fringe planting across Ordiequish Hill	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Moderate to Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
		Year 15 (Summer): Locally Moderate adverse (Significant)		Year 15 (Summer): Locally Moderate adverse (Significant)
ABERDEENSHIRE				
Localised impact within the Deveron Valley SLA (north of Huntly)	Local impacts through adverse changes to visual amenity, land cover and perceptual qualities such as tranquillity	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)
Operation – Landscape Character				
HIGHLAND				
Local effects: LCT 229 Enclosed Farmland	Local impacts on the land cover, rural quality and visual amenity of the landscape	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant)	None	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant)
Local effects: LCT 342 Farmed River Plains	Local reduction of both the perceptual qualities associated with remoteness and the rural quality of the landscape	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate to Major adverse (Significant)	None	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate to Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Local effects: LCT 228 Rolling Farmland and Woodland	At a local level, it is anticipated there to be a reduction of the rural character of the local landscape	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 225 Broad Steep – Sided Glen	Local impacts on the setting and visual amenity through the River Ness valley between The Aird and the River Ness	Year of Opening (Winter): Locally Major adverse (Significant) Year of Opening (Summer): Locally Major adverse (Significant) Year 15 (Summer): Locally Moderate to Major adverse (Significant)	None	Year of Opening (Winter): Locally Major adverse (Significant) Year of Opening (Summer): Locally Major adverse (Significant) Year 15 (Summer): Locally Moderate to Major adverse (Significant)
Local effects: LCT 222 Rocky Moorland Plateau	Local impact in terms of reduction of the remote character and its perception from the landscape to the east and west	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 223 Flat Moorland Plateau With Woodland	Local impacts on the remoteness and rural quality of the local landscape	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 227 Farmed Strath - Inverness	At a local level the removal of native broadleaf woodland, coniferous forestry and the introduction of appreciable man-	Year of Opening (Winter): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
	made features would be a noticeable impact on land cover, although seen in the context of an existing OHL.	Year of Opening (Summer): Locally Moderate adverse (Significant)		Year of Opening (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 221 Rolling Uplands – Inverness	Local impacts on degradation of the remote upland landscape and its perception from the landscape to the north	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 286 Narrow Wooded Valley – Moray and Nairn	Local impacts on the perceptual and land cover characteristics of the landscape	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
MORAY				
Local effects: LCT 291 Open Rolling Upland – Moray	Local impacts on perceptual qualities	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Overall effect on LCT 290 Upland Moorland and Forestry	Impacts on visual amenity and perceptual qualities	Year of Opening (Winter): Moderate adverse (Significant) Year of Opening (Summer): Moderate adverse (Significant) Year 15 (Summer): Moderate adverse (Significant)	None	Year of Opening (Winter): Moderate adverse (Significant) Year of Opening (Summer): Moderate adverse (Significant) Year 15 (Summer): Moderate adverse (Significant)
Local effects: LCT 290 Upland Moorland and Forestry	Local impacts on the setting, visual amenity and perceptual qualities through the Glen of Rothes valley and on Brown Muir, Coleburn	Year of Opening (Winter): Locally Moderate to Major adverse (Significant)	None	Year of Opening (Winter): Locally Moderate to Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
		Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)		Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 284 Coastal Farmland - Moray & Nairn	Local impacts on visual amenity, perception and the setting	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	tExtension of the fringe planting across Ordiequish Hill	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 293 Low Forested Hills	Local impacts on setting	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)	Extension of the fringe planting across Ordiequish Hill	Year of Opening (Winter): Locally Moderate to Major adverse (Significant) Year of Opening (Summer): Locally Moderate to Major adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 27 Farmed Moorland Edge	Local impacts on the visual amenity, perceptual qualities and setting	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
ABERDEENSHIRE				
Local effects: LCT 27 Farmed Moorland Edge	Local impacts on the visual amenity, perceptual qualities and setting	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Local effects: LCT 32 Farmed and Wooded River Valleys	Local impacts on visual amenity	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant) Year 15 (Summer): Locally Moderate adverse (Significant)
Local effects: LCT 20 Undulating Agricultural Heartland	Local impacts on the setting and perception of the open agricultural landscape	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
Operation – Visual Receptors (Buildings, Routes and Outdoor Locations)				
HIGHLAND				
Year of Opening (Winter)				
1 residential receptor group: THC-R-23 A	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
6 residential receptor groups: THC-R-1 A; THC-R-16; THC-R-24; THC-R-25; THC-R-49; THC-R-50	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
14 residential receptor groups: THC-R-1 B; THC-R-5; THC-R-13; THC-R-17; THC-R-18; THC-R-22; THC-R-28; THC-R-29; THC-R-37; THC-R-44; THC-R-53; THC-R-55; THC-R-56a; THC-R-56b	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
5 recreational receptors:	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
THC-REC-6; THC-REC-7; THC-REC-12; THC-REC-15; THC-REC-26				
7 recreational receptors: THC-REC-2; THC-REC-5; THC-REC-9; THC-REC-14; THC-REC-16; THC-REC-17; THC-REC-22	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
2 recreational receptors: THC-REC-11; THC-REC-24	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
4 transport receptors: THC-T-2; THC-T-3; THC-T-4 THC-T-6	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Year of Opening (Summer)				
1 residential receptor group: THC-R-23 A	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
8 residential receptor groups: THC-R-16; THC-R-17; THC-R-24; THC-R-25; THC-R-49; THC-R-50; THC-R-53; THC-R-56a	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
11 residential receptor groups: THC-R-1 B; THC-R-5; THC-R-13; THC-R-18; THC-R-22; THC-R-28; THC-R-29; THC-R-37; THC-R-44; THC-R-55; THC-R-56b	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
5 recreational receptors: THC-REC-5; THC-REC-7; THC-REC-14; THC-REC-15; THC-REC-26	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
6 recreational receptors: THC-REC-2; THC-REC-9; THC-REC-11; THC-REC-16; THC-REC-17; THC-REC-22	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
1 recreational receptors: THC-REC-24	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
4 transport receptors: THC-T-2; THC-T-3; THC-T-4 THC-T-6	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Year 15 (Summer)				
1 residential receptor group: THC-R-50	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
8 residential receptor groups: THC-R-16; THC-R-17; THC-R-25; THC-R-49; THC-R-50; THC-R-53; THC-R-56a; THC-R-56b	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
10 residential receptor groups: THC-R-1 B; THC-R-5; THC-R-13; THC-R-18; THC-R-22; THC-R-28; THC-R-29; THC-R-37; THC-R-44; THC-R-55;	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
6 recreational receptors: THC-REC-5; THC-REC-7; THC-REC-9; THC-REC-14; THC-REC-15; THC-REC-26	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
5 recreational receptors: THC-REC-2; THC-REC-11; THC-REC-16; THC-REC-17; THC-REC-22	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
1 recreational receptors: THC-REC-24	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
4 transport receptors: THC-T-2; THC-T-3; THC-T-4 THC-T-6	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
MORAY				
Year of Opening (Winter)				
3 residential receptor groups: MOR-R-8; MOR-R-36 B; MOR-R-57	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
12 residential receptor groups: MOR-R-5; MOR-R-11; MOR-R-23; MOR-R-29;	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
MOR-R-30; MOR-R-33 A; MOR-R-33 B; MOR-R-41 B; MOR-R-44; MOR-R-48; MOR-R-56; MOR-R-58				
17 residential receptor groups: MOR-R-1; MOR-R-7; MOR-R-10; MOR-R-28; MOR-R-31; MOR-R-32 A; MOR-R-32 B; MOR-R-42; MOR-R-43; MOR-R-45; MOR-R-46; MOR-R-47; MOR-R-53; MOR-R-54; MOR-R-55; MOR-R-60; MOR-R-61	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
6 recreational receptors: MOR-REC-5; MOR-REC-12; MOR-REC-21; MOR-REC-22; MOR-REC-23; MOR-REC-24	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
3 recreational receptors: MOR-REC-1; MOR-REC-9; MOR-REC-16	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
1 recreational receptor: MOR-REC-15	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
7 transport receptors: MOR-T-1; MOR-T-2; MOR-T-4; MOR-T-5; MOR-T-7; MOR-T-8; MOR-T-9	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Year of Opening (Summer)				
4 residential receptor groups: MOR-R-8; MOR-R-33 B; MOR-R-36 B; MOR-R-57	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
11 residential receptor groups: MOR-R-5; MOR-R-11; MOR-R-23; MOR-R-29; MOR-R-30; MOR-R-33 A; MOR-R-41 B; MOR-R-44; MOR-R-48; MOR-R-56; MOR-R-58	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
17 residential receptor groups:	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
MOR-R-1; MOR-R-7; MOR-R-10; MOR-R-28; MOR-R-31; MOR-R-32 A; MOR-R-32 B; MOR-R-42; MOR-R-43; MOR-R-45; MOR-R-46; MOR-R-47; MOR-R-53; MOR-R-54; MOR-R-55; MOR-R-60; MOR-R-61				
6 recreational receptors: MOR-REC-5; MOR-REC-12; MOR-REC-21; MOR-REC-22; MOR-REC-23; MOR-REC-24	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
3 recreational receptors: MOR-REC-1; MOR-REC-9; MOR-REC-16	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
1 recreational receptor: MOR-REC-15	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
7 transport receptors: MOR-T-1; MOR-T-2; MOR-T-4; MOR-T-5; MOR-T-7; MOR-T-8; MOR-T-9	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Year 15 (Summer)				
3 residential receptor groups: MOR-R-8; MOR-R-36 B; MOR-R-57	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
14 residential receptor groups: MOR-R-5; MOR-R-11; MOR-R-23; MOR-R-29; MOR-R-30; MOR-R-31; MOR-R-33 A; MOR-R-41 B; MOR-R-42; MOR-R-44; MOR-R-47; MOR-R-48; MOR-R-56; MOR-R-58	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
14 residential receptor groups: MOR-R-1; MOR-R-7; MOR-R-10; MOR-R-28; MOR-R-32 A; MOR-R-32 B; MOR-R-43; MOR-R-45;	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
MOR-R-46; MOR-R-53; MOR-R-54; MOR-R-55; MOR-R-60; MOR-R-61				
6 recreational receptors: MOR-REC-5; MOR-REC-12; MOR-REC-21; MOR-REC-22; MOR-REC-23; MOR-REC-24	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
3 recreational receptors: MOR-REC-1; MOR-REC-9; MOR-REC-16	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
1 recreational receptor: MOR-REC-15	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
7 transport receptors: MOR-T-1; MOR-T-2; MOR-T-4; MOR-T-5; MOR-T-7; MOR-T-8; MOR-T-9	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
ABERDEENSHIRE				
Year of Opening (Winter)				
1 residential receptor group: AB-R-22	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
9 residential receptor groups: AB-R-1b; AB-R-2; AB-R-3; AB-R-9; AB-R-13; AB-R-15; AB-R-25; AB-R-46; AB-R-47	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
9 residential receptor groups: AB-R-1a; AB-R-4a; AB-R-5; AB-R-6; AB-R-7; AB-R-8; AB-R-10; AB-R-11; AB-R-12	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
3 recreational receptors: AB-REC-9; AB-REC-12; AB-REC-20	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
4 recreational receptors: AB-REC-3; AB-REC-7; AB-REC-8; AB-REC-10	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
9 transport receptors: AB-T-2; AB-T-3; AB-T-4; AB-T-6; AB-T-8; AB-T-9; AB-T-10; AB-T-11; AB-T-12	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Year of Opening (Summer)				
1 residential receptor group: AB-R-15	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
8 residential receptor groups: AB-R-1b; AB-R-2; AB-R-3; AB-R-9; AB-R-13; AB-R-25; AB-R-46; AB-R-47	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
9 residential receptor groups: AB-R-1a; AB-R-4a; AB-R-5; AB-R-6; AB-R-7; AB-R-8; AB-R-10; AB-R-11; AB-R-12	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
3 recreational receptors: AB-REC-9; AB-REC-12; AB-REC-20	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
4 recreational receptors: AB-REC-3; AB-REC-7; AB-REC-8; AB-REC-10	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
9 transport receptors: AB-T-2; AB-T-3; AB-T-4; AB-T-6; AB-T-8; AB-T-9; AB-T-10; AB-T-11; AB-T-12	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Year 15 (Summer)				
1 residential receptor group: AB-R-15	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
8 residential receptor groups: AB-R-1b; AB-R-2; AB-R-3; AB-R-9; AB-R-13; AB-R-25; AB-R-46; AB-R-47	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)
9 residential receptor groups: AB-R-1a; AB-R-4a; AB-R-5; AB-R-6; AB-R-7; AB-R-8; AB-R-10; AB-R-11; AB-R-12	Visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
3 recreational receptors: AB-REC-9; AB-REC-12; AB-REC-20	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
4 recreational receptors: AB-REC-3; AB-REC-7; AB-REC-8; AB-REC-10	Visual amenity	Moderate to Major adverse (Significant)	None	Moderate to Major adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
9 transport receptors: AB-T-2; AB-T-3; AB-T-4; AB-T-6; AB-T-8; AB-T-9; AB-T-10; AB-T-11; AB-T-12	Visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Cumulative – Designated and Protected Landscapes				
Localised Impacts on Drynachan, Lochindorb and Dava Moors SLA	Localised change from not-significant to significant effects during construction and operation, when considered cumulatively with the other unrelated developments of Cairn Duhie Wind Farm Redesign (H09) and Ourack Wind Farm (H15)	Significant effects on localised portion	None	Significant effects on localised portion
Cumulative – Landscape Character Type Receptors				
Local portion – LCT 227	Cumulative landscape effects with Fanellan substation on localised portions of the LCT during both construction and operation, all of which would remain significant	Significant effects locally	None	Significant effects locally
Local portion – LCT 229	Cumulative landscape effects with Fanellan substation on localised portions of the LCT during both construction and operation, all of which would remain significant	Significant effects locally	None	Significant effects locally
Local portion - LCT 20	Cumulative landscape effects with Greens 400 kV substation would intensify effects on a localised portion of LCT 20 at construction and operation (remaining significant) and remaining non-significant for the overall LCT at both construction and operation	Significant effects locally	None	Significant effects locally
Local portion - LCT 17	Cumulative landscape effects with Netherton Hub would intensify on a localised portion of LCT 17 at construction and operation, increasing from non-significant to significant	Significant effects locally	None	Significant effects locally
Local portion - LCTs: 290, 291, 221, 285, 21, 19 & 17	Cumulative effects during construction with other unrelated developments would result in a change from not-significant to significant during	Significant effects locally	None	Significant effects locally

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
	construction on a local portion of seven LCTs			
Overall character - LCT 293	Cumulative effects during construction with other unrelated developments would result in a change from non-significant to significant during construction on the overall character of one LCT	Significant effects	None	Significant effects
Local portion - LCTs: 290, 291, 221, 285 & 19	Cumulative effects during operation with other unrelated developments would result in a change from not-significant to significant during operation on a local portion of five LCTs	Significant effects locally	None	Significant effects locally
Overall character - LCT: 293	Cumulative effects during operation with other unrelated developments would result in a change from not-significant to significant during operation on the overall character of one LCT	Significant effects	None	Significant effects
Local portion and Overall character – LCT 288	When considering all other unrelated developments together, there would be a likely change from not-significant to significant cumulative effect during construction	Significant effects	None	Significant effects
Local portion and overall effect on LCT 288	When considering all other unrelated developments around Keith together, there would be a likely change from not-significant to significant cumulative effect during operation	Significant effects	None	Significant effects
Cumulative – Visual Receptors (Buildings, Routes and Outdoor Locations)				
2 residential receptor groups: THC-R-1a; THC-R-2	Cumulative effects during construction and operation with Fanellan substation, all of which would remain significant	Significant effects	None	Significant effects
1 recreational receptor: THC-REC-6	Cumulative effects during construction and operation with Fanellan substation, all of which would remain significant	Significant effects	None	Significant effects
2 residential receptor groups: AB-R-9; AB-R-47	Cumulative effects during construction and operation with Greens 400 kV substation, all of which would remain significant	Significant effects	None	Significant effects

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
1 residential receptor group: AB-R-23	Cumulative effects during construction and operation with Greens 400 kV substation, would result in a change from not-significant to significant	Significant effects	None	Significant effects
3 residential receptor groups: AB-R-13; AB-R-27	Cumulative effects during construction and operation with Netherton Hub, all of which would remain significant	Significant effects	None	Significant effects
1 residential receptor group: AB-R-36	Cumulative effects during construction and operation with Netherton Hub, would result in a change from not-significant to significant	Significant effects	None	Significant effects
1 transport receptor: AB-T-8	Cumulative effects during construction and operation with Netherton Hub, all of which would remain significant	Significant effects	None	Significant effects
29 residential receptor groups	Cumulative effects during construction with other developments would result in an anticipated change from not-significant to significant during construction	Significant effects	None	Significant effects
3 recreational receptor groups	Cumulative effects during construction with other developments would result in an anticipated change from not-significant to significant during construction	Significant effects	None	Significant effects
23 residential receptor groups	Cumulative effects during operation with other developments would result in an anticipated change from not-significant to significant during operation	Significant effects	None	Significant effects
2 recreational receptor groups	Cumulative effects during operation with other developments would result in an anticipated change from not-significant to significant during operation	Significant effects	None	Significant effects
Ecology (see Chapter 8: Ecology)				
Construction				
River Spey SAC / River Spey Site of Special Scientific Interest (SSSI)	Habitat loss; changes in water quality; injury or mortality; disturbance or displacement;	Moderate Adverse (Significant)	The rigour of the embedded mitigation in the Freshwater Pearl Mussel Species Protection Plan would be applied to the River Spey	Not Significant

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
	introduction or spread of INNS; and increase in recreational pressures		SAC. Regarding crown reduction along the banks of the River Spey at Tower CB14-1B, any works here must be supervised by a suitably qualified ecologist and must use hand-operated tools only. All arisings must be removed from the bankside immediately and stored at least 10 m away from the water's edge. Access to trees for crown reduction must be on foot only. Reduction must be kept to the minimum necessary to ensure that shading is not decreased for salmonids or Freshwater Pearl Mussel along the relevant section of the river.	
Ordequish, Whiteash, Ben Aigan Red Squirrel Stronghold	Habitat Loss; injury or mortality; disturbance or displacement; and introduction or spread of Invasive Non-Native Species (INNS).	Moderate Adverse (Significant)	Additional woodland edge planting will be considered in the outline Habitat Management Plan.	Not Significant
Ancient Woodland (category 1a and 2a ancient woodland of semi-natural origin)	Loss of irreplaceable nature	Moderate Adverse (Significant)	Planting throughout the Proposed Development including: woodland edge planting, scattered tree planting, hedgerow, hedgerow and shrub mosaic and infill shrubs.	Moderate Adverse (Significant)
Blanket bog	Loss of irreplaceable blanket bog	Moderate Adverse (Significant)	Where peat has been excavated for temporary infrastructure, as much excavated peat as possible will be reused within the temporary infrastructure areas, or in reinstatement of earthworks. Areas of blanket bog where stringing of wires is required will require these wires to be installed on foot. Alternative options are required for reinstating excavated peat and the	Moderate Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
			Applicant is in consultation with NatureScot.	
Bats	Disturbance of roosts or roosting bats, loss of roosts resources (including maternity and / or hibernation roosts), mortality and injury, noise impacts, impacts from artificial light at night and habitat fragmentation.	Moderate Adverse (Significant)	Potential to retain buildings and trees will be considered at detailed design stage. Trees, scrub and hedgerows would be retained where possible. Preference would be given to vegetation clearance / felling during the transitional roosting period (April, September and October). Identified maternity roosts would be avoided during the maternity period (May to August), and identified hibernation roosts would be avoided during the hibernation period (mid-November to mid-March). Artificial lighting will not spill over to vegetation that is retained around the Proposed Development. Compensatory bat boxes / bat rockets / reclaimed PRFs / veteranisation will be installed, at a ratio of one compensatory measure for every tree containing PRFs lost. Compensatory PRFs will be installed prior to tree felling / structure demolition. It is anticipated that monitoring surveys of compensatory PRFs that would be required for the loss of confirmed roosts would be conditioned through licensing.	Moderate Adverse (Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Operation				
No Significant effects				
Cumulative effects				
Bats - Associated SSEN Transmission Network Upgrades	Potential for additional loss of PRFs / roosting resources and other supporting habitat	Significant	None	Significant
Bats - Other developments.	Potential for additional loss of PRFs / roosting resources and other supporting habitat from the following developments: – H01 Knocknagael BESS – H02 Beauly BESS – H03 Beauly to Denny Overhead Line Diversion – H07 Kilmorack Substation – H08 Beauly Substation – H09 Cairn Duhie Wind Farm Redesign – H10 Aigas Substation – H13 Inverness College Campus – H15 Ourack Wind Farm – H16 Lynemore Wind Farm – H17 Tom Nan Clach Wind Farm Extension – H18 Fairburn Wind Farm Extension – M01 Kellas Drum Windfarm – M13 Elchies (Rothes III) Wind Farm Grid Connection works – M15 Cairdshill Wind Farm	Significant	None	Significant

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
	– A10 Abbotshaugh Energy Storage			
Ornithology				
Construction				
No Significant effects				
Operation				
Inner Moray Firth SPA / Ramsar Site, Moray and Nairn Coast SPA / Ramsar Site and Moray Basin, Firths and Bays IBA: osprey only	Risk of collision	Significant	Installation of bird diverters at identified and anticipated flight activity hotspots.	Not Significant
Darnaway and Lethen Forest SPA: Capercaillie	Risk of collision	Significant	Habitat management along the wayleave of intersected capercaillie woodlands	Not Significant
Osprey (non-SPA birds)	Risk of collision	Significant (local)	Installation of bird diverters at identified and anticipated flight activity hotspots.	Not Significant
Red kite	Risk of collision	Significant (local)	Installation of bird diverters at identified and anticipated flight activity hotspots.	Not Significant
Cumulative Effects				
No Significant effects				
Water and Geological Environment (see Chapter 10: Water and Geological Environment)				
Construction				
Private Water Supplies	A reduction in water volume or adverse change in the quality of the water.	Moderate Adverse (Significant)	Measures include the potential for engineering solutions, alternative supply, monitoring plan and further investigation and demarcation.	Minor Adverse (Not Significant)
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Cultural Heritage (see Chapter 11: Cultural Heritage)				
Construction				
ND32: Cairn – Reelig Wood, Kirkhill	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	(Archaeological Investigations – to check for sub-surface remains Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND43: Cuillard – enclosure	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations	Slight Adverse (Not Significant)
ND58: Hut circle - east of Newton of Leys, Inverness	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Demarcation and avoidance	Neutral (Not Significant)
ND66: Cairnfield and hut circle, Cottartown	Loss of heritage asset (from tower compound and access tracks)	Large Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Moderate Adverse (Significant)
ND72: Ruallan – building	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND82: Clunas Well, Cawdor	Loss of heritage asset (from access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND84: Cluaisnahadig – Township	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND86: Farm, South of Achagour – farmstead	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND93: Farmstead - New Inn Wood (Botnamain)	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND95: Cairn Duhie – boundary stone	Loss of heritage asset (from access tracks)	Moderate Adverse (Significant)	Archaeological Investigations	Slight Adverse (Not Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
			Earthwork survey and historic building recording	
ND135: Fairy Knowe – possible dun	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND140: Glen Latterach - spring	Loss of heritage asset (from access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND148: Mill Our - trackway	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	(Archaeological Investigations – to check for sub-surface remains) Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND178: Netherglen – standing stone	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND268: Haggieshall – enclosures	Loss of heritage asset (from tower compound and access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND278: Well of Kinnoir	Loss of heritage asset (from access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND289: Crofts of Hillhead – farmstead	Loss of heritage asset (from tower compound and access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND297: Drumblair Wood – rig and furrow	Loss of heritage asset (from access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)
ND365: Crichton House	Partial loss of heritage asset (from tower compound and access tracks)	Moderate Adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight Adverse (Not Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
ND399	Loss of heritage asset (from tower compound)	Moderate Adverse (Significant)	(Archaeological Investigations – to check for sub-surface remains Earthwork survey and historic building recording	Slight Adverse (Not Significant)
Operation				
S20: Mains of Daviot Farm, ring cairn and stone circle 600 m NNE of	Changes within their setting	Moderate Adverse (Significant)	Demarcation and avoidance Potential additional mitigation is subject to Town and Country Planning permission so is not committed to at this stage. If it is approved, it includes undergrounding a section of the existing 275 kV OHL. In addition to demarcation and avoidance.	Moderate Adverse (Significant) Slight adverse (Not Significant)
S47: Hare Stone, stone circle 480 m NW of Feith-Hill	Changes within their setting	Moderate adverse and Significant	None	Moderate adverse and Significant
Forestry (see Chapter 12: Forestry)				
Construction				
Woodland removal (Ancient Woodland)	Direct effect on Ancient Woodland.	Major Adverse (Significant)	The Applicant would reduce the OC felling where possible and seek to retain scrub / understorey layers in areas where existing tree cover does not breach safety clearances and construction activities. Equivalent area of woodland removed to be planted off site as per Scottish Government's CoWRP.	Major Adverse (Significant)
Woodland removal (native Woodland)	Direct effect on native Woodland.	Moderate Adverse (Significant)	The Applicant would reduce the OC felling where possible and seek to retain scrub / understorey layers in areas where existing tree cover does not breach safety clearances and construction activities.	Minor Adverse (Not Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
			Equivalent area of woodland removed to be planted off site as per Scottish Government's CoWRP.	
Woodland removal (Broadleaved Woodland)	Direct effect on Broadleaved Woodland.	Moderate Adverse (Significant)	The Applicant would reduce the OC felling where possible and seek to retain scrub / understorey layers in areas where existing tree cover does not breach safety clearances and construction activities. Equivalent area of woodland removed to be planted off site as per Scottish Government's CoWRP.	Minor Adverse (Not Significant)
Operation				
Forest management	Indirect effect on woodland management through requirement to incorporate the proposed OHL into LTFP.	Moderate Adverse (Significant)	The Applicant has produced Woodland Reports for each forest ownership to inform proposed revisions to the relevant LTFP and facilitate agreement with the landowners.	Minor Adverse (Not Significant)
Cumulative Effects				
No Significant effects				
Transport (see Chapter 13: Transport)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Recreation and Tourism (see Chapter 14: Recreation and Tourism)				
Construction				
The Highland Council: Recreational users and tourists – Farm Ness	Temporary access restrictions to parts of the attraction.	Moderate Adverse (Significant)	Additional consultation held with landowners to agree timing of works and undertake specific activities that will restrict access or cause a disturbance at times when	Minor Adverse (Not Significant)

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
			the number of visitors would be reduced.	
The Highland Council: Recreational users and tourists – Reelig Horse Riding Centre	Temporary access restrictions and noise effects due to piling.	Moderate Adverse (Significant)	Additional consultation held with landowners to agree timing of works and undertake specific activities that will restrict access or cause a disturbance at times when the number of visitors would be reduced.	Minor Adverse (Not Significant)
The Highland Council: Recreational users and tourists – Woodlands including: Daviot Wood, The Aird and Clunas Wood.	Tree removal, presence of construction activities and reduced tranquility and visual changes for users of the woodlands.	Moderate Adverse (Significant)	Replanting proposals including restructuring and restocking.	Moderate Adverse (Significant)
Moray Council: Recreational users and tourists – Woodlands including: Speymouth Forest, Moss of Bednawinny and Badentinan Wood	Tree removal, presence of construction activities and reduced tranquility and visual changes for users of the woodlands.	Moderate Adverse (Significant)	Replanting proposals including restructuring and restocking.	Moderate Adverse (Significant)
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Noise and Vibration (see Chapter 15: Noise and Vibration)				
Construction				
Nearby noise sensitive receptors	Construction noise	Major (Significant)	Construction Noise Management Plan – Measures to include to reduce noise levels at source from equipment, reduce active time of noisiest equipment over the working hours, reduce quantity of simultaneous equipment, and prioritise noisiest activities during daytime hours. Only essential works to be conducted during evening and weekend periods. Good community relations and prior	Minor (Not Significant)

TRANSMISSION

Topic / Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
			warning to specific noisy activities increase tolerance.	
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Cumulative Assessment (see Chapter 16: Cumulative Assessment)				
Construction				
No Significant effect interactions				
Operation				
No Significant effect interactions				

17.3 Kellas Alternative Alignment Likely Significant Effects

17.3.1 **Table 17.2** summarises the likely predicted Significant effects as a result of Kellas Alternative Alignment both in the absence of additional mitigation and the residual effects following the implementation of additional mitigation. For topics not included in this table the significance of effects does not differ from those detailed in **Table 17.1**. Where the likely predicted effects are not Significant, they are not detailed in this Chapter.

Table 17.2: Likely Significant Effects for Kellas Alternative Alignment (in Moray)

Topic/ Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Landscape and Visual (see Chapter 7: Landscape and Visual)				
Construction				
LCT 285 Rolling Farmland and Forests – Moray & Nairn (MC section) – Local portion	Local perception of construction activity due to increased proximity	Locally Moderate adverse (Significant)	None	Locally Moderate adverse (Significant)
2 residential receptors: MOR-R-16; MOR-R-17	Visibility of construction activity and visual amenity	Major adverse (Significant)	None	Major adverse (Significant)
1 recreational receptor: MOR-REC-25	Visibility of construction activity and visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
1 transport receptor: MOR-T-3	Visibility of construction activity and visual amenity	Moderate adverse (Significant)	None	Moderate adverse (Significant)
Operation				
LCT 285 Rolling Farmland and Forests – Moray & Nairn (MC section) – Local portion	Local changes in visual amenity and perception and presence of detracting features due to increased proximity	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)	None	Year of Opening (Winter): Locally Moderate adverse (Significant) Year of Opening (Summer): Locally Moderate adverse (Significant)
2 residential receptors: MOR-R-16; MOR-R-17	Visual amenity	Year of Opening: Major adverse (Significant) Year 15 (Summer): Major adverse (Significant)	None	Year of Opening: Major adverse (Significant) Year 15 (Summer): Major adverse (Significant)
1 recreational receptor: MOR-REC-25	Visual amenity	Year of Opening: Moderate adverse (Significant) Year 15 (Summer): Moderate adverse (Significant)	None	Year of Opening: Moderate adverse (Significant) Year 15 (Summer): Moderate adverse (Significant)
1 transport receptor: MOR-T-3	Visual amenity	Year of Opening: Moderate adverse (Significant)	None	Year of Opening : Moderate adverse (Significant)

Topic/ Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
		Year 15 (Summer): Moderate adverse (Significant)		Year 15 (Summer): Moderate adverse (Significant)
Cumulative				
No Significant effects				
Ecology (see Chapter 8: Ecology)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Ornithology (see Chapter 9: Ornithology)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No significant effects				
Water and Geological Environment (see Chapter 10: Water and Geological Environment)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Cultural Heritage (see Chapter 11: Cultural Heritage)				
Construction				
ND148: Mill Our - trackway	Loss of heritage asset	Moderate adverse (Significant)	Archaeological Investigations Earthwork survey and historic building recording	Slight adverse (Not Significant)

Topic/ Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Operation				
No Significant effects				
Cummulative Effects				
No Significant effects				
Forestry (see Chapter 12: Forestry)				
Construction				
Woodland removal (native Woodland) during construction	Direct effect on native Woodland	Moderate Adverse effect (Significant)	The Applicant would reduce the OC felling where possible and seek to retain scrub / understorey layers in areas where existing tree cover does not breach safety clearances and construction activities. Equivalent area of woodland removed to be planted off-site as per Scottish Government's CoWRP.	Minor Adverse effect (Not Significant).
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Transport (see Chapter 13: Transport)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				
Socio-Economic, Recreation and Tourism (see Chapter 14: Recreation and Tourism)				
Construction				
No Significant effects				
Operation				
No Significant effects				

Topic/ Receptor	Impact	Effect Significance (Pre-Mitigation)	Additional Mitigation	Residual Effects and Significance (Post Mitigation)
Cumulative Effects				
No Significant effects				
Noise and Vibration (see Chapter 15: Noise and Vibration)				
Construction				
No Significant effects				
Operation				
No Significant effects				
Cumulative Effects				
No Significant effects				

17.4 Summary of Residual Significant Effects

17.4.1 The main findings from the EIA conclude that likely Significant residual effects (i.e.) after mitigation are predicted for:

Landscape and Visual

- Significant landscape effects on The Spey Valley SLA and the Deveron Valley SLA where the Proposed Development passes through the SLAs during construction and operation.
- Significant effects on a number of LCT areas during construction, and operation (either short-term with mitigation planting reducing the effect to not-Significant or a long-term permanent effect), and either at a local level or affecting wider LCT characteristics.
- Significant visual effects for a number of residential, recreational and transport receptors during construction and operation, some of which would reduce to not-Significant over time due to maturation of mitigation planting.
- Significant cumulative landscape and visual effects have been identified when the Proposed Development is considered in combination with either other SSEN Transmission or 3rd party developments.

Ecology

- Significant effects on bats at a local level.
- Significant effects on loss of blanket bog and nationally important woodlands, including ancient woodland (of semi-natural origin)

Forestry

- Significant effects on ancient woodland (of semi-natural origin) due to loss of an irreplaceable habitat to facilitate construction.

Heritage

- Significant effect on a non-designated asset, prehistoric hut circle, within the LoD.
- Significant effect on the setting of the scheduled monument Mains of Daviot Farm, ring cairn and stone circle 600 m NNE of (SM3085). This would be reduced to not Significant subject to separate Town and Country Planning permission to enable an existing 275 kV OHL to be undergrounded.
- Significant effect on the setting of the scheduled monument Hare Stone, stone circle 480 m NW of Feith-Hill (SM338), however the impacts are not Significant in relation to the integrity of the setting of the stone circle, as the setting would be retained in key aspects that still allow for the stone circle to be understood, appreciated, and experienced.

Recreation and Tourism

- Significant effect on recreational users and tourists of Woodlands including: Daviot Wood, The Aird and Clunas Wood within The Highland Council boundary due to tree removal, presence of construction activities and reduced tranquility and visual changes for users of the woodland.
- Significant effect on recreational users and tourists of Woodlands including: Speymouth Forest, Moss of Bednawinny and Badentinan Wood within Moray Council boundary due to tree removal, presence of construction activities and reduced tranquility and visual changes for users of the woodland.

Kellas Alternative Alignment

- 17.4.2 The assessment of the Kellas Alternative Alignment concluded that the likely significant residual effects would be no different from the significant effects identified for the Proposed Development for all topics except Landscape and Visual. For Landscape and Visual there would be changes from **Not Significant** to **Significant** residual effects predicted for a localised portion of one LCT, two additional residential receptors, one recreational receptor group and one transport receptor group.