

SP MANWEB

Reinforcement to the North Shropshire Electricity Distribution Network



Document Reference: 6.12.1
Environmental Statement Appendix 12.1
Intra-Project Cumulative Effects

PINS Reference: EN020021
Regulation Reference: 5(2)(a)
November 2018

SP MANWEB

**Reinforcement to the North Shropshire
Electricity Distribution Network**

APPENDIX 12.1

CUMULATIVE EFFECTS

INTRA-PROJECT CUMULATIVE EFFECTS

Environmental Statement

DCO Document 6.12.1

November 2018

PINS Reference EN020021

This page is intentionally blank

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Regulation 5(2)(a)

Reinforcement to the North Shropshire Electricity Distribution Network

Environmental Statement: Appendix 12.1 – Intra-Project Cumulative Effects

Document Reference No.	6.12.1
Regulation No.	Regulation (5)(2)(a)
Author	Gillespies
Date	09 November 2018
Version	V1
Planning Inspectorate Reference No.	EN020021

SP Manweb plc, Registered Office: 3 Prenton Way, Prenton, CH43 3ET. Registered in England No. 02366937

This page is intentionally blank

APPENDIX 12.1: INTRA-PROJECT CUMULATIVE EFFECTS

1.1 INTRODUCTION

1.1.1 This appendix provides a series of tables based on the individual topic assessments undertaken and establishes the potential for any intra-project cumulative effects. Each table focuses on any receptor from a single topic that has been identified as experiencing a minor adverse effect or above (slight adverse for historic environment) at any stage of the Proposed Development and then cross-references that receptor with the other topic chapters. All flood risk, water quality and water resources effects have been assessed as negligible and are therefore excluded from the assessment as, even in combination, multiple negligible effects will not lead to a significant cumulative effect. All socio-economic effects have similarly been assessed as negligible, with the exception of future business activity, which was assessed as moderate beneficial. All land use and agriculture effects have been assessed as negligible. Potential effects from traffic and transport, air quality, noise and other statutory nuisance were all deemed to be insignificant during scoping and/or consultation stages and have not been assessed within the EIA. In these circumstances intra-project cumulative effects are limited to landscape and visual, ecology and biodiversity and historic environment.

1.1.2 Identified receptors are referenced in the following tables:

- Table A12.1 – Landscape and Visual;
- Table A12.2 – Ecology and Biodiversity; and
- Table A12.3 – Historic Environment.

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Landscape and visual receptors experiencing a minor adverse effect or greater – Landscape Character Areas				
LCA2 Settled Pastoral Farmlands: Middleton to Babbinswood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA3 Principal Timbered Farmlands: Halston Hall	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA4 Estate Farmlands: Woodhouse	Construction – Moderate Adverse Operation – Minor Adverse	Not considered	Not considered, although effects on Woodhouse Park were assessed as slight adverse.	Not applicable
LCA5 Lowland Moors: River Perry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA6 Estate Farmlands (Semi-Industrial): Lower Hordley and	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Bagley				
LCA7 Estate Farmlands: Stanwardine and Kenwick Elevated Ridge	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA8 Lowland Moors: Wackley Brook and River Roden	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA9 Principal Settled Farmlands: Cockshutt to Ruewood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA10 Settled Pastoral Farmlands: Wem Fringe	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
LCA11 Urban: Wem	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Landscape and visual receptors experiencing a minor adverse effect or greater – Properties within 200m of the Order Limits for the overhead line				
Misty Meadows	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Mill Barn (Rednal)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Rednal Mill	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight, Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Rednal Mill Cottage	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Lower Lees	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Slight, Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
Dandyford Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Neutral / Slight, Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
Top House Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Kenwick Oak	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Highfields	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Stonehill	Construction – Minor Adverse Operation –	Not considered	Neutral / Slight, Adverse (Operation	For both historic environment and LVIA the likely effects are

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
	Minor Adverse		effects from overhead line)	caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
Nursery House	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Runners Rest	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
The Wood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Malt Kiln Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Construction – Minor Adverse Operation – Slight Adverse	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
Moor House Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Shayes Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Construction – Slight Adverse Operation – Slight Adverse	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
Chapel House	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Pools Farm	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Neutral / Slight, Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				the same as the LVIA receptor, i.e. the individual living at the residence.
Sherfield	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Harley House	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Avondale	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Oak Dene	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Overfields	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Landscape and visual receptors experiencing a minor adverse effect or greater – Viewpoints				
Viewpoint 1. A5 and PRow 0306/12/7 on the eastern edge of Oswestry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 2. PRow 0307/65/1 At Middleton East Of Oswestry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 3. PRow 0313/41/1, East of Oswestry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 5. PRow 0313/47/1 East of Middleton, Bryn-Y-Pentyn	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 6. Junction of B5009 and Berghill Lane, Babbinswood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Viewpoint 7. Berghill Lane, PRow 0313/44/2	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 8. Montgomery Canal / Shropshire Way Trail (View North)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 9. Montgomery Canal / Shropshire Way Trail (View South)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 10. Montgomery Canal, The Shropshire Way (Near Confluence with River Perry)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 11. Rednal Mill and the River Perry, Misty Meadows	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				general visual amenity effects from the overhead line. Two low level effects are not considered of a level to create an overall intra-project cumulative effect.
Viewpoint 12. Lower Hordley - near Smithy Cottage	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 14. Prow 0207/14/13 Near Kenwick Oak	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Not considered	Not applicable
Viewpoint 16. PRow 0207/14/1, at Ferney Hough	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 17. Jct of PRow 0207/16 and 0207/15 nr Kenwick Lodge	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Viewpoint 18. Permissive Access Route And Local Road South Of Cockshutt	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 19. Permissive Access Route West Of Cockshutt	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 20. Stanwardine in the Wood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. Two low level effects are not considered of a level to create an overall intra-project cumulative effect.
Viewpoint 21. PRoW	Construction – Minor	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
0223/6/1 at The A528 Between Cockshutt And Burlton	Adverse Operation – Minor Adverse			
Viewpoint 23. PRow 0217/4/2 near Malt Kiln Farm	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. Two low level effects are not considered of a level to create an overall intra-project cumulative effect.
Viewpoint 25. PRow 0217/6/1 and B4397 At Woodgate	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Negligible	Not applicable
Viewpoint 27. Prow 0217/9/1 Near Bentley Farm and Moorfields	Construction – Minor Adverse Operation – Minor	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Local Wildlife Sites	Adverse			
Viewpoint 28. PRow 2017/10/1 West Of Sleap Airfield	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 30. Noneley Village - view west	Construction only – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 31. Commonwood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 33. River Roden at PRow 0230/45/1	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 34. The Ditches, B5063, PRow 0230/47/1	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				from the overhead line. Two low level effects are not considered of a level to create an overall intra-project cumulative effect.
Viewpoint 36. Ellesmere Road, B5063 Wem, near Sub Station	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 38. Bankhouse Lane / Prow 0231/9/1 at Wem Periphery	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 39. Mill Street / River Roden / PRow 0231/7/1 at Wem Periphery	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 45. Oswestry Iron Age Fort (Wat’s Dyke way)	Operation only – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				line into the setting of the building and general visual amenity effects from the overhead line. Two low level effects are not considered of a level to create an overall intra-project cumulative effect.
Viewpoint 70. Dandyford Farm	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Not considered	Not applicable
Viewpoint 71. Reynolds Cottage On Local Road Between Lower Hordley And Cockshutt	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Viewpoint 72. PRoW 0217/12/1 Near The Shayes	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Not considered (HE viewpoint for the The Shayes is further to the east and focused on	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
			looking towards The Shayes).	
Landscape and visual receptors experiencing a minor adverse effect or greater – Settlements				
Middleton	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Babbinswood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Lower Hordley	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Noneley (including Commonwood)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Wem	Operation only – Minor Adverse	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Landscape and visual receptors experiencing a minor adverse effect or greater – Roads				
A5(T) Gobowen- Oswestry- West Felton	Construction only – Minor Adverse	Not considered	Not considered	Not applicable
A528 Ellesmere- Shrewsbury	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
B5009 Gobowen- Babbinswood-A5(T)	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
B4397 Marton- Burlton- Loppington- B5063	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
B5063 Northwood- Wem-A49	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Landscape and visual receptors experiencing a minor adverse effect or greater – Promoted cycleways, long distance trails, PRow and other promoted walks				
Montgomery Canal Cycleway	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
Shropshire	Construction	Not	Not	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Way - SW Route 27: Lower Frankton to Llanymynech	– Minor Adverse Operation – Minor Adverse	considered	considered	
Oswald’s Trail Promoted Walk	Construction only – Minor Adverse	Not considered	Not considered	Not applicable
Loppington Walk 1	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
Loppington Walk 4	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0306/12/7; 0313/40/3 east of Oswestry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0313/41/1 east of Oswestry	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0313/40/1 south of Whittington	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW	Construction	Not	Not	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
0307/65/1 Middleton	– Minor Adverse Operation – Minor Adverse	considered	considered	
PRoW 0307/66/1 Top House Farm, Middleton	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0307/71/1; 0313/47/1 east of Middleton	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0313/42/1 south of Whittington	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0313/44/2 Berghill Lane	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	Not considered	Not considered	Not applicable
PRoW	Construction	Not	Not	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
0207/14/3 Kenwick Oak	– Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	considered	considered	
PRoW 0207/15Y/1 Shade Oak Stud	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0207/14/1; 0207/14/2 near Shad Oak Stud	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0207/15/1 south of Kenwick Lodge	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
PRoW 0207/16/2; 0207/16/3 north-west of Kenwick Lodge	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0207/13/1; 0207/13/2 north-east of Kenwick Lodge	Construction only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0207/16/1 east of Kenwick Lodge	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0207/6Y/1; 0223/6/1 near Wackley Lodge	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0233/7/5 east of the A528	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0217/4/1 west of The Wood	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0217/4/2 near Malt	Construction – Minor	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Kiln Farm	Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)			
PRoW 0217/5/1 east of Malt Kiln Farm	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Not considered	Not applicable
PRoW 0217/6/1; 0217/6/2 Woodgate	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0217/10/1 south of Bentley Farm	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	Not considered	Not considered	Not applicable
PRoW	Construction	Not	Not	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects

Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
0217/11/1 Bentley Farm –Noneley	– Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	considered	considered	
PRoW 0217/12/1 north of The Shayes	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	Not considered	Not considered	Not applicable
PRoW 0217/13/1 north-east of Noneley	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of	Not considered	Not considered	Not applicable

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
	the overhead line)			
PRoW 0230/47/1 west of Wem	Construction – Minor Adverse Operation – Minor Adverse (with localised moderate adverse effects within the immediate proximity of the overhead line)	Not considered	Not considered	Not applicable
PRoW 0231/19/1 Wem	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
PRoW 0217/UN1/1; 0230/46/1; 0230/45/1; 0230/44/1; 0230/43/1; 0231/17/1 Wem	Operation only – Minor Adverse	Not considered	Not considered	Not applicable
Landscape and visual receptors experiencing a minor adverse effect or greater – Grade I and II* Listed Buildings				
Stanwardine Hall, Stanwardine-in-the-Wood (Grade II* listed)	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	Historic Environment is key attribute of receptor, therefore see entry in Table A12.3 for further information.

Table A12.1 – Landscape and Visual Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Landscape and visual receptors experiencing a minor adverse effect or greater – Receptors outside the 1km study area included for visual amenity assessment				
Oswestry Iron Age Hillfort Scheduled Ancient Monument	Operation only – Minor Adverse	Not considered	Operation – Slight Adverse	The effects combined do not create an overall significant effect, due to the distance of the receptor from the Proposed Development and the overall low level of effects identified for individual topics.

Table A12.2– Ecology and Biodiversity Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Ecology and biodiversity receptors experiencing a minor adverse effect or greater – Habitats				
Trees and woodland	Tree loss considered within landscape appraisals – generally negligible, occasionally Minor Adverse	Construction – Minor Adverse	Not considered	No

Table A12.2– Ecology and Biodiversity Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Hedgerows	Hedgerow loss considered within landscape appraisals – negligible	Construction – Minor Adverse	Construction – Slight / Moderate Adverse	No Effects would be localised and of a low level.
Montgomery Canal	Only considered from visual amenity perspective for users of the canal	Construction – Minor Adverse (but noted as ‘highly unlikely to occur’)	Operation – Slight Adverse	No The ecological, LVIA and historic environment receptors in respect of the Montgomery Canal are not the same, therefore there cannot be intra-project effects. It is also noted that for all three topics the level of effect identified is localised and of a low level.
Arable and agricultural grasslands	Not considered	Construction – Minor Adverse and highly localised around siting of structures	Not considered	Not applicable
Ecology and biodiversity receptors experiencing a minor adverse effect or greater – Notable Species				

Table A12.2– Ecology and Biodiversity Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Bats	Not considered	Construction – Minor Adverse	Not considered	Not applicable
██████████	Not considered	Construction – Minor Adverse	Not considered	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Historic environment receptors experiencing a slight adverse effect or greater				
SM 1014899 Oswestry Iron Age Hillfort Scheduled Ancient Monument	Operation only – Minor Adverse	Not considered	Slight Adverse (Operation only)	The effects combined do not create an overall significant effect, due to the distance of the receptor from the Proposed Development and the overall low level of effects identified for individual topics.
Non-designated field boundaries visible on historic maps	Not considered	Only considered if existing hedgerow – any identified effects are	Slight or Slight / Moderate Adverse (Construction effects)	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
		minor adverse at most		
HER 31655 – Practice trenches Military training camp at Park Hall, Oswestry (1915-1975)	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
Non-designated field boundaries and drains visible on historic maps	Not considered	Only considered if existing hedgerow – any identified effects are minor adverse at most	Slight or Slight / Moderate Adverse (Construction effects)	Not applicable
Ponds, depicted on historic maps and identified as hollows during field survey	Not considered	Only considered if existing Pond – no adverse ecological effects identified	Slight / Moderate Adverse (Construction effects)	Not applicable
Earthwork remains of ridge and furrow seen on aerial photographs	Not considered	Not considered	Slight or Slight / Moderate Adverse (Construction effects)	Not applicable
Indeterminate cropmarks	Not considered	Not considered	Slight / Moderate	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
and vegetation mark identified from aerial photographs and field survey respectively			Adverse (Construction effects)	
HER 28085 Dense concentration of burnt stone c.20m in diameter on the edge of Baggy Moor	Not considered	Not considered	Slight / Moderate Adverse (Construction effects)	Not applicable
Ridge & furrow Earthwork remains of ridge and furrow seen on aerial photographs	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
Palaeochannels Wide sinuous soilmarks visible on aerial photographs	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
Cropmarks and earthworks of enclosures and linear	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
anomalies Cropmarks of rectilinear and curvilinear enclosures visible on aerial photographs				
Earthwork of enclosure Earthworks of a series of low linear banks; one set forms three sides of an enclosure which has been cut across by the canal; two further banks run parallel to the north-western side of this enclosure.	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
Cropmark – undetermined Cropmarks of irregular linear, curvilinear or discrete form visible on aerial photographs	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
<p>HER 00933</p> <p>Cropmark of linear features</p> <p>Cropmarks of a linear feature of unknown date observed c 300m SW of Dandyford. Two parallel linear features running for c 250m E/W.</p> <p>A diverging line and a possible rectangular feature at the W end.</p>	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
<p>HER 31645 – Enclosure</p> <p>Possible cropmark enclosure, observed on aerial photograph</p>	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable
<p>HER 31645</p> <p>Cropmarks of enclosure</p> <p>Cropmark of possible enclosure</p>	Not considered	Not considered	Slight Adverse (Construction effects)	Not applicable

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
SM 1017240 Stanwardine Moated Site and Fishpond	Construction – Negligible Operation – Negligible	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
LB 1055938 Stanwardine House	Not considered	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
LB 1308013 Sundial	Not considered	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
LB 1366554 Terraces, walls and gate piers	Not considered	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
LB 1176127 Stanwardine Hall	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For LVIA and historic environment the likely effects are caused by the likely visual intrusion of the proposed overhead line into the setting of the building and the general visual amenity

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				<p>effects from the overhead line. However the historic environment receptor, i.e. the building is not the same as the LVIA receptor, i.e. the individual living at the residence.</p> <p>It is also noted that for both topics the level of effect identified is of a low level.</p>
<p>LB 1056039 Malt Kiln Farmhouse</p>	<p>Construction – Negligible Operation – Minor Adverse</p>	<p>Not considered</p>	<p>Slight / Moderate Adverse (Operation effects from overhead line)</p>	<p>For LVIA and historic environment the likely effects are caused by the likely visual intrusion of the proposed overhead line into the setting of the building and the general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building is not the same as the LVIA receptor,</p>

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
				<p>i.e. the individual living at the residence.</p> <p>It is also noted that for both topics the level of effect identified is of a low level.</p>
<p>LB 1056054 The Shayes Farmhouse</p>	<p>Not considered</p>	<p>Not considered</p>	<p>Slight / Moderate Adverse (Operation effects from overhead line)</p>	<p>Not applicable</p>
<p>HER 00927 Montgomery Canal</p>	<p>Only considered from visual amenity perspective for users of the canal</p>	<p>Construction – Minor Adverse (but noted as ‘highly unlikely to occur’)</p>	<p>Slight Adverse (Operation effects from overhead line)</p>	<p>No</p> <p>The ecological, LVIA and historic environment receptors in respect of the Montgomery Canal are not the same, therefore there cannot be intra-project effects.</p> <p>It is also noted that for all three topics the level of effect identified is localised and of a low level.</p>
<p>HER 00935</p>	<p>Not</p>	<p>Not</p>	<p>Slight</p>	<p>Not applicable</p>

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
Roman Camp	considered	considered	Adverse (Operation effects from overhead line)	
HER 07644 Woodhouse Park	Not considered (Landscape effects on Woodhouse Estate LCA were not significant)	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
HER 15588 Rednal Mill	Construction – Minor Adverse Operation – Minor Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.

Table A12.3 – Historic Environment Receptors, Potential Intra-Project Effects				
Receptor	Landscape and Visual	Ecology and Biodiversity	Historic Environment	Intra-project effects
HER 26708 Stanwardine Grange	Not considered	Not considered	Slight Adverse (Operation effects from overhead line)	Not applicable
Group HER 42347- 42358 Paradise /Lower Lee,	Construction – Minor Adverse Operation – Moderate Adverse	Not considered	Slight Adverse (Operation effects from overhead line)	For both historic environment and LVIA the likely effects are caused by the visual intrusion of the overhead line into the setting of the building and general visual amenity effects from the overhead line. However the historic environment receptor, i.e. the building, is not the same as the LVIA receptor, i.e. the individual living at the residence.
HER 22285 Top House Farm	Not considered	Not considered	Slight / Moderate Adverse (Construction effects)	Not applicable

1.1.3 In summary no likely intra-project cumulative effects have been identified.

