Denny to Wishaw Network Upgrade

Environmental Impact Assessment Report

Volume 3 Appendices

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Prepared for:

SP Energy Networks
320 St Vincent St
Glasgow, G2 5AD

Prepared by:

AECOM Limited
1 Tanfield
Edinburgh EH3 5DA
United Kingdom

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Appendix 1 Stage 1 and 2 Summary

1.1 Introduction

Tables 1 to Table 65 of this appendix presents a summary of the Stages 1 (Screening) and 2 (Establish a Short List) of the inter-project cumulative effect assessment and states whether the scheme has progressed to Stage 3 (Information Gathering). Each technical topic has different criteria which would lead a cumulative scheme to be progressed to Stage 2 and then Stage 3, therefore each table includes each technical topic as a separate tow.

Table 1 Summary of stage 1 and 2 inter-project cumulative effects for 25/00593/PAN (East Airdrie Link Road)

Technical Topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00593/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project. In addition, potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 25/00593/PAN.	Yes
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 25/00593/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00593/PAN is located within the ZoI but does not meet the threshold criteria, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	Yes	Yes	Potential cumulative impacts on an area of Class 1 (Nationally Important Carbon Rich) Soil, which is centred at National Grid Reference NS 75902 70280. Both the Project and 25/00593/FUL are partially located within this area of Class 1 Soil.	Yes
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00593/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 25/00593/PAN as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes

Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 25/00593/PAN.	No

Table 2 Summary of stage 1 and 2 inter-project cumulative effects for ECU00006191 (DWUP – ZD Uprating)

Technical Topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Scoped out of the ES and included in the cumulative assessment due to similar nature of development with shared receptors therefore the potential for cumulative significant effects.	Yes
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project. In addition, potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and ECU00006191.	Yes
Biodiversity	Yes	No	No	*[Stage 1 conclusion: ECU00006191 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00006191 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	Yes	Yes	Potential cumulative impacts on an area of Class 3 (most soils are carbon rich) located immediately south of Denny North Substation. Both the Project and ECU00006191 are partially located within this area of Class 3 Soil.	Yes

Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00006191 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00006191 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for ECU00006191.	No

Table 3 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004632 (Whitehill Energy Storage)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00004632 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (setting only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and ECU00004632.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004632 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00004632 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: ECU00004632 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00004632 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004632 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00004632 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: ECU00004632 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 4 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004871 (Fernishaw Solar Farm and battery energy storage facility)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00004871 is located outside the landscape ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes	Yes	Although the Project (XR Route) intersects ECU00004871, no significant cumulative effects are anticipated. Due to the nature of the Project, works are limited to uprating of an existing overhead line, which is unlikely to result in any significant cumulative setting impacts due to the existing presence of the overhead line. In addition, no physical impacts on assets are anticipated.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004871 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00004871 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: ECU00004871 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00004871 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004871 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for ECU00004871.	No

Table 5 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004879 (Harestonhill Farm BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00004879 is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project. In addition, potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and ECU00004879.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004879 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00004879 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: ECU00004879 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00004879 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004879 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00004879 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: ECU00004879 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 6 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004953 (Newarthill Energy Park BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00004953 is located outside the landscape ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes	Yes	Potential cumulative effects include physical impacts on previously unrecorded historic environment assets and setting impacts as the Project and ECU00004953 Project will occur in the same area.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004953 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00004953 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: ECU00004953 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00004953 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004953 as they will occur in the same area.	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00004953 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: ECU00004953 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 7 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004997 (Heathland Wind Farm Grid Connection)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and the cumulative scheme.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Possible significant cumulative impacts on heritage assets due to changes to their setting from the introduction of new built form for both the Project and ECU00004997.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004997 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00004997 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00004997 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and ECU00004997 will run concurrently, there is potential cumulative effects for	Yes

				road users which could be significant. Specifically, effects could include increased severance and delays and decreased safety. These effects would be temporary.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004997 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00004997 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00004997 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 8 Summary of stage 1 and 2 inter-project cumulative effects for ECU00005077 (Wishaw BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: ECU00005077 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Possible significant cumulative impacts on heritage assets due to changes to their setting from the introduction of new built form for both the Project and ECU00005077.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00004997 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00005077 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: ECU00005077 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005077 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and ECU00004997 as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00004997 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: ECU00005077 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 9 Summary of stage 1 and 2 inter-project cumulative effects ECU00005166 (North Lanrigg Energy Storage)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00005166 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	The Project (XR Route) is approximately 800m south-west of ECU00005166; therefore, no significant cumulative effects are anticipated. Due to the nature of the Project, works are limited to uprating of an existing overhead line, which is unlikely to result in any significant cumulative setting impacts due to the existing presence of the overhead line.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00005166 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: ECU00005166 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00005166 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005166 is currently unknown, therefore a worst case scenario where both the	Yes

				construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: ECU00005166 is located outside the noise ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00005166 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00005166 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 10 Summary of stage 1 and 2 inter-project cumulative effects for ECU00005196 (Sandyford Farm BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	-	No	*[Stage 1 conclusion: ECU00005196 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	The Project (XR Route) is approximately 870m west of ECU00005196; therefore, no significant cumulative effects are anticipated. Due to the nature of the Project, works are limited to uprating of an existing overhead line, which is unlikely to result in any significant cumulative setting impacts due to the existing presence of the overhead line.	No
Biodiversity	Yes	-	No	*[Stage 1 conclusion: ECU00005196 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	-	No	*[Stage 1 conclusion: ECU00005196 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00005196 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005196 is currently unknown, therefore a worst case scenario where both the	Yes

				construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: ECU00005196 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00005196 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00005166 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 11 Summary of stage 1 and 2 inter-project cumulative effects for ECU00005180 (Woodcock Faulds Energy Storage)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: ECU00005180 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	The Project (ZG Route) is approximately 1.4km south-east of ECU00005180; therefore, no significant cumulative effects are anticipated. Due to the nature of the Project, works are limited to uprating of an existing overhead line, which is unlikely to result in any significant cumulative setting impacts due to the existing presence of the overhead line.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU000051804739 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: ECU00005180 is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00005180 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005180 is currently unknown, therefore a worst case scenario where both the	Yes

				construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: ECU00005180 is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00005180 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00005180 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 12 Summary of stage 1 and 2 inter-project cumulative effects for ECU00005244 (Denny BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: ECU00005244 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Possible significant cumulative impacts on heritage assets due to changes to their setting from the introduction of new built form for both the Project and ECU00005244.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00005244 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: ECU00005244 is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00005244 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005244 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: ECU00005180 is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00005244 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00005244 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 13 Summary of stage 1 and 2 inter-project cumulative effects for ECU00005047 (Glenside Farm BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Possible significant cumulative impacts on heritage assets due to changes to their setting from the introduction of new built form for both the Project and ECU00005047.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and ECU00005047 will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects could include increased severance and delays and decreased safety. These effects would be temporary.	Yes

Noise and Vibration	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: ECU00005047 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 14 Summary of stage 1 and 2 inter-project cumulative effects for 25/00910/FUL (major residential development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00910/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/00910/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	No	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00005244 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 15 Summary of stage 1 and 2 inter-project cumulative effects for 24/01058/PAN (proposed film studio campus)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 24/01058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 24/01058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 24/01058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 24/01058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/01058/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/01058/PAN as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 24/01058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 24/01058/PAN.	No

Table 16 Summary of stage 1 and 2 inter-project cumulative effects for 24/00230/PPP (residential led mixed use development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential for significant cumulative landscape and visual effects due to shared receptors and the scale of the development.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 24/00230/PPP.	Yes
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts which could be significant on surrounding ecological habitats and species. Specifically, effects could include habitat loss, disturbance and / or injury. These effects could be temporary, during construction, or permanent, during operation.	Yes
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 24/00230/PPP could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00230/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00230/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 25/00230/FUL as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 25/00230/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 17 Summary of stage 1 and 2 inter-project cumulative effects for 19/01284/FUL (energy recovery centre)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential for significant cumulative landscape and visual effects due to shared receptors and the type of development.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 19/01284/FUL.	Yes
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts which could be significant on surrounding ecological habitats and species. Specifically, effects could include habitat loss, disturbance and / or injury. These effects could be temporary, during construction, or permanent, during operation.	Yes
Water Environment	Yes	No	No	*[Stage 1 conclusion: 19/01284/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 19/01284/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and 19/01284/FUL will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects could include increased severance and	Yes

				delays and decreased safety. These effects would be temporary.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 19/01284/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 19/01284/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 18 Summary of stage 1 and 2 inter-project cumulative effects for 23/00760/FUL (holiday/recreational park development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00760/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 23/00760/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 23/00760/FUL.	No

Table 19 Summary of stage 1 and 2 inter-project cumulative effects for 23/00535/FUL (residential development of 62 dwellings)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 23/00535/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 23/00535/FUL is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00535/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Potential cumulative effects could include impacts to surface water and groundwater as a result of accidental spills, sediment-laden runoff and channel alterations during construction. During operation impacts to surface water and groundwater could arise as a result of excess fine sediments, chemical spillage risk and contamination from onsite runoff.	Yes
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 23/00535/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and 23/00535/FUL will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects	Yes

				could include increased severance and delays and decreased safety. These effects would be temporary.	
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 23/00535/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 23/00535/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 20 Summary of stage 1 and 2 inter-project cumulative effects for 23/00800/FUL (New University Hospital Monklands)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 23/00800/FUL is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	Yes	*[Stage 1 conclusion: 23/00800/FUL is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00800/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 23/0800/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 23/0800/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and 23/00800/FUL will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects could include increased severance and delays and decreased safety. These effects would be temporary.	Yes

Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction of the Project and 23/0800/FUL as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 23/0800/FUL.	No

Table 21 Summary of stage 1 and 2 inter-project cumulative effects for 21/01557/EIASCR (residential development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 21/01557/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 21/01557/EIASCR is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 21/01557/EIASCR could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 21/01557/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 21/01557/EIASCR is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 21/01557/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 21/01557/EIASCR.	No

Table 22 Summary of stage 1 and 2 inter-project cumulative effects for 24/00810/FUL (Battery Energy Storage Facility)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and the cumulative scheme.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 24/00810/FUL.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 24/00810/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 24/00810/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 24/00810/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00810/FUL is currently unknown, therefore a worst case scenario where both the	Yes

				construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/00810/FUL as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 24/00810/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 24/00810/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 23 Summary of stage 1 and 2 inter-project cumulative effects for 24/00208/PPP (residential development at Crosshill)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 24/00208/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 24/00208/PPP is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 24/00208/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and the cumulative scheme could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 24/00208/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00208/PPP is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/00208/PPP as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 24/00208/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 24 Summary of stage 1 and 2 inter-project cumulative effects for 21/00982/PPP (residential development comprising 300 dwellings)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 21/00982/PPP looked to have already been constructed. In addition, the Transport Statement noted the year of completion would be 2025. Therefore, no significant cumulative effects are anticipated.	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Based on aerial imagery at the time of writing, 21/00982/PPP looked to have already been constructed. In addition, the Transport Statement noted the year of completion would be 2025. Therefore, no significant cumulative effects are anticipated.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 21/00982/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 21/00982/PPP looked to have already been constructed. In addition, the Transport Statement noted the year of completion would be 2025. Therefore, no significant cumulative effects are anticipated.	No

Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 21/00982/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	No	No	*[Stage 1 conclusion: 21/00982/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 21/00982/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 21/00982/PPP looked to have already been constructed. In addition, the Transport Statement noted the year of completion would be 2025. Therefore, no significant cumulative effects are anticipated.	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 21/00982/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 25 Summary of stage 1 and 2 inter-project cumulative effects for 22/00156/S42 (residential development (44 units))

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 22/00156/S42 is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 22/00156/S42 is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 22/00156/S42 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 22/00156/S42 could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 22/00156/S42 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	No	No	*[Stage 1 conclusion: 22/00156/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 22/00156/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 22/00156/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 26 Summary of stage 1 and 2 inter-project cumulative effects for 21/01766/FUL (new cemetery)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 21/01766/FUL is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 21/01766/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 21/01766/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 21/01766/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 27 Summary of stage 1 and 2 inter-project cumulative effects for 25/00058/PAN (proposed new battery energy storage system)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/00058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00058/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 25/00058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00058/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 25/00058/PAN as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/00058/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	Yes	No	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 25/00058/PAN.	No

Table 28 Summary of stage 1 and 2 inter-project cumulative effects for 23/00427/EIASCR (battery energy storage system)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00427/EIASCR is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00427/EIASCR is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 23/00427/EIASCR as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 23/00427/EIASCR does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 29 Summary of stage 1 and 2 inter-project cumulative effects for P/21/0723/FUL (construction of 87 dwellinghouses)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: P/21/0723/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: P/21/0723/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: P/21/0723/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: P/21/0723/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: P/21/0723/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of P/21/0723/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: P/21/0723/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: P/21/0723/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 30 Summary of stage 1 and 2 inter-project cumulative effects for 24/00772/FUL (Durieshill residential development (543 dwellings))

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and the cumulative scheme.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and this cumulative scheme.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 24/00772/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 24/00772/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 24/00772/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of P24/00772/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 24/00772/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 24/00772/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 31 Summary of stage 1 and 2 inter-project cumulative effects for 24/00771/FUL (Durieshill residential development (201 dwellings))

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and the cumulative scheme.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and this cumulative scheme.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 24/00771/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 24/00771/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 24/00771/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00771/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 24/00771/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 24/00771/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 32 Summary of stage 1 and 2 inter-project cumulative effects for ECU00006055 (Garrionhaugh Farm BESS)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: ECU00006055 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	The Project (XR Route) is approximately 1.2km south of ECU00006055; therefore, no significant cumulative effects are anticipated. Due to the nature of the Project, works are limited to uprating of an existing overhead line, which is unlikely to result in any significant cumulative setting impacts due to the existing presence of the overhead line.	No
Biodiversity	No	-	No	*[Stage 1 conclusion: ECU00006055 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: ECU00006055 is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: ECU00006055 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of ECU00006054 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	Yes	*[Stage 1 conclusion: ECU00006055 is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: ECU00006055 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: ECU00006055 is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 33 Summary of stage 1 and 2 inter-project cumulative effects for 24/01227/MSC (Firview Manor – residential development for up to 300 dwellings)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 24/01227/MSC.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 24/01227/MSC.	Yes
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts which could be significant on surrounding ecological habitats and species. Specifically, effects could include habitat loss, disturbance and / or injury. These effects could be temporary, during construction, or permanent, during operation.	Yes
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 24/01227/MSC could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes

Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 24/01227/MSC does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/01227/MSC is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/01227/MSC as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 24/01227/MSC.	No

Table 34 Summary of stage 1 and 2 inter-project cumulative effects for 24/02884/FUL (residential development (249 units))

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 24/02884/FUL.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and this 24/02884/FUL.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion:* 24/02884/FUL *is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion:* 24/02884/FUL *is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion:* 24/02884/FUL *is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/02884/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion:* 24/02884/FUL *is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion:* 24/02884/FUL *is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 35 Summary of stage 1 and 2 inter-project cumulative effects for 21/02139/PPP (residential/urban development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 21/02139/PPP.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 21/02139/PPP.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 21/02139/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 21/02139/PPP is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 21/02139/PPP is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 21/02139/PPP is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 21/02139/PPP is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 21/02139/PPP is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 36 Summary of stage 1 and 2 inter-project cumulative effects for 25/00844/FUL (solar farm)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 25/00844/FUL.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and this cumulative scheme.	Yes
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts which could be significant on surrounding ecological habitats and species. Specifically, effects could include habitat loss, disturbance and / or injury. These effects could be temporary, during construction, or permanent, during operation.	Yes
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00844/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 25/00844/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00844/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 25/00844/FUL as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/00844/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 25/00844/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 37 Summary of stage 1 and 2 inter-project cumulative effects for 22/00296/MSC (construction of 200 homes)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 22/00296/MSC.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 22/00296/MSC.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 22/00296/MSC is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 22/00296/MSC could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 22/00296/MSC is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and 22/00296/MSC will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects could include increased severance and delays and decreased safety. These effects would be temporary.	Yes
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 22/00296/MSC is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 22/00296/MSC.	No

Table 38 Summary of stage 1 and 2 inter-project cumulative effects for 25/00830/FUL (formation of oil distribution depot)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00830/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 25/00830/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 39 Summary of stage 1 and 2 inter-project cumulative effects for 23/00835/FUL (residential development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 23/00835/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 23/00835/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 23/00835/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 23/00835/FUL could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 23/00835/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 23/00835/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 23/00835/FUL as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 23/00835/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 40 Summary of stage 1 and 2 inter-project cumulative effects for 25/00989/PAN (data centre complex)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00989/PAN is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00989/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/00989/PAN is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 41 Summary of stage 1 and 2 inter-project cumulative effects for 24/00872/S42 (section 42 application)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 24/00872/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 24/00872/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 24/00872/S42 is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 24/00872/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 24/00872/S42 is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00872/S42 is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 24/00872/S42 is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant. Specifically, Core Path NL/223/1 is located within the Project and along the northern boundary of 24/00872/S42.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 24/00872/S42 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 42 Summary of stage 1 and 2 inter-project cumulative effects for 23/00589/FUL (bonded warehouses)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 23/00589/FUL is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 23/00589/FUL is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00589/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 23/00589/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 23/00589/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 23/00589/FUL looked to have already been constructed. Therefore, no significant cumulative effects are anticipated.	No

Noise and Vibration	No	-	No	*[Stage 1 conclusion: 23/00589/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 23/00589/FUL looked to have already been constructed. Therefore, no significant cumulative effects are anticipated.	No
Forestry	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 23/00589/FUL looked to have already been constructed. Therefore, no significant cumulative effects are anticipated.	No

Table 43 Summary of stage 1 and 2 inter-project cumulative effects for 23/00400/FUL (bonded warehouse maturation sheds)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 23/00400/FUL is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 23/00400/FUL is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00400/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 23/00400/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 23/00400/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 23/00400/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 23/00400/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Based on aerial imagery at the time of writing, 23/00400/FUL looked to have already been constructed. Therefore, no significant cumulative effects are anticipated.	No

Table 44 Summary of stage 1 and 2 inter-project cumulative effects for 22/00908/PAN (Residential-Led Development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 22/00908/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the traffic and movement ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Noise and Vibration	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the Socio-Economics and Recreation (including Human Health) ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: 22/00908/PAN is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 45 Summary of stage 1 and 2 inter-project cumulative effects for 19/00274/PPP (Residential Development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 19/00274/PPP.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 19/00274/PPP.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 19/00274/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 19/00274/PPP is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 19/00274/PPP is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and 19/00274/PPP will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects	Yes

				could include increased severance and delays and decreased safety. These effects would be temporary.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 19/00274/PPP is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 19/00274/PPP is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 46 Summary of stage 1 and 2 inter-project cumulative effects for 23/00849/PPP (Heathfield Farm residential development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 23/00849/PPP.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 23/00849/PPP.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 23/00849/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 23/00849/PPP is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 23/00849/PPP is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 23/00849/PPP is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 23/00849/PPP is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 23/00849/PPP is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 47 Summary of stage 1 and 2 inter-project cumulative effects for 26/00069/PAN (Digital and Manufacturing Campus)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 26/00069/PAN.	Yes
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project. In addition, potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 26/00069/PAN.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 26/00069/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 26/00069/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 26/00069/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 26/00069/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 26/00069/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 26/00069/PAN.	No

Table 48 Summary of stage 1 and 2 inter-project cumulative effects for 22/00168/MSC (277 dwellings)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 22/00168/MSC.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 22/00168/MSC.	Yes
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 22/00168/MSC does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 22/00168/MSC could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 22/00168/MSC is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00325/MSC is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/00325/MSC as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 22/00168/MSC does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 49 Summary of stage 1 and 2 inter-project cumulative effects for 21/01803/FUL (residential development (35 units)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 21/01803/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 21/01803/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 21/01803/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 21/01803/FUL could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 21/01803/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 21/01803/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	Yes	No	No	*[Stage 1 conclusion: 21/01803/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 21/01803/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 50 Summary of stage 1 and 2 inter-project cumulative effects for 25/00952/MSC (residential led mixed use development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 25/00952/MSC.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 25/00952/MSC.	Yes
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 25/00952/MSC does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 25/00952/MSC could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00952/MSC is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00952/MSC is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/00952/MSC is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 25/00952/MSC.	No

Table 51 Summary of stage 1 and 2 inter-project cumulative effects for 24/01250/PPP (residential led development)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 24/01250/PPP.	Yes
Cultural Heritage	Yes	Yes	Yes	Potential cumulative physical impacts which could be significant on underground heritage assets (archaeology) should groundworks be required in the same area as the Project. In addition, potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 24/01250/PPP.	Yes
Biodiversity	Yes	No	No	*[Stage 1 conclusion: 24/01250/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and the cumulative scheme could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes

Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 24/01250/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/01250/PPP is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	Yes
Noise and Vibration	Yes	Yes	Yes	Possible cumulative noise effects during construction and operation of the Project and 24/01250/PPP as they will occur in the same area.	Yes
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 24/01250/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 52 Summary of stage 1 and 2 inter-project cumulative effects for 24/00209/MSC (residential development – 155 dwellings)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 24/00209/MSC is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 24/00209/MSC.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 24/00209/MSC is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	Yes	Yes	Construction and operation of the both the Project and 24/00209/MSC could introduce sources of pollution to surrounding water receptors (groundwater and surface water). They could also impact on flood risk in surrounding area due to interpreting the existing drainage network. These effects could be significant.	Yes
Ground Conditions	No	-	No	*[Stage 1 conclusion: 24/00209/MSC is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 24/00209/MSC is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	No	No	*[Stage 1 conclusion: 24/00209/MSC is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant. .	Yes
Forestry	Yes	No	No	*[Stage 1 conclusion: 24/00209/MSC does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 53 Summary of stage 1 and 2 inter-project cumulative effects for 25/00965/FUL (solar farm)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 25/00965/FUL.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 25/00965/FUL.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00965/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00965/FUL does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00965/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00965/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	Yes	*[Stage 1 conclusion: 25/00965/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 25/00965/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 54 Summary of stage 1 and 2 inter-project cumulative effects for 25/00910/FUL (residential development – 199 units)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and 25/00910/FUL.	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and 25/00910/FUL.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: 25/000910/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00190/FUL is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has	Yes

				been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant. Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: 25/00910/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 55 Summary of stage 1 and 2 inter-project cumulative effects for 25/01159/PPP (data centre)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	No	-	No	*[Stage 1 conclusion: 25/01159/PPP is located outside the landscape and visual ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/01150/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/01159/PPP is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/01150/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/01159/PPP is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/01159/PPP is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/01159/PPP is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/01150/PPP does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: 25/01159/PPP is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 56 Summary of stage 1 and 2 inter-project cumulative effects for 25/01322/PAN (data centre)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/01322/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/01322/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/01322/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/01322/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/01322/PAN is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/01322/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/01322/PAN is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/01322/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 25/01322/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 57 Summary of stage 1 and 2 inter-project cumulative effects for 25/00989/PAN (data centre)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/00989/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: 25/00989/PAN is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/00989/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/00989/PAN is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	No	No	*[Stage 1 conclusion: 25/00989/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No

Table 58 Summary of stage 1 and 2 inter-project cumulative effects for 25/01328/PAN (data centre)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	No	No	*[Stage 1 conclusion: 25/01328/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Cultural Heritage	Yes	No	No	*[Stage 1 conclusion: 25/01328/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: 25/01328/PAN is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	Yes	No	No	*[Stage 1 conclusion: 25/01328/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	Yes	No	No	*[Stage 1 conclusion: 25/01328/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of 25/*01328*/PAN is currently unknown, therefore a worst case scenario where both the construction programme of both developments overlaps, has been assumed. There are potential cumulative effects on road infrastructure and road users which could be significant.	Yes

				Specifically, effects could include increased severance, delays and decreased safety.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: 25/01328/PAN is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	No	No	*[Stage 1 conclusion: 25/01328/PAN does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No
Forestry	Yes	Yes	Yes	Potential cumulative effects on Ancient Woodland Inventory (AWI): Long-established plantation origin (LEPO), AWI: ancient semi-natural woodland (ASNW) and semi natural woodland could occur if felling of these features is required for 25/01328/PAN.	No

Table 59 Summary of stage 1 and 2 inter-project cumulative effects for P/25/0405/FUL (197 dwellinghouses)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and P/25/405/FUL	Yes
Cultural Heritage	Yes	Yes (Setting Only)	Yes	Potential cumulative impacts on the significance of heritage assets due to changes to their setting for the introduction of new built form for both the Project and P/25/0405/FUL.	Yes
Biodiversity	No	-	No	*[Stage 1 conclusion: P/25/0405/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: P/25/0405/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: P/25/0405/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	Yes	Yes	Yes	The construction programme of the Project and P/25/0405/FUL will run concurrently, there is potential cumulative effects for road users which could be significant. Specifically, effects	Yes

				could include increased severance and delays and decreased safety. These effects would be temporary.	
Noise and Vibration	No	-	No	*[Stage 1 conclusion: P/25/0405/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	Yes	Yes	Yes	Potential temporary beneficial cumulative effects related to local economy during construction. Specifically, due to the combined effect from local employment generation, and skills and training opportunities. Possible temporary adverse cumulative effects related to land use during construction. Specifically, impacting users of core paths, landowners, and residential properties, business premises, and users of community facilities as a result of access, land take, and impacts on amenity which could be significant.	Yes
Forestry	No	-	No	*[Stage 1 conclusion: P/25/0405/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Table 60 Summary of stage 1 and 2 inter-project cumulative effects for P/19/0795/FUL (103 dwellinghouses)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Landscape and Visual	Yes	Yes	Yes	Potential cumulative landscape and visual effects which could lead to significant effects for visual receptors (including residential, recreational, visitors to places of interest and road users) from both representative viewpoints and landscape character areas. Specifically, these effects relate to the built form included as part of the Project and P/19/0795/FUL.	Yes
Cultural Heritage	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the cultural heritage ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Biodiversity	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the biodiversity ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Water Environment	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the water environment ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Ground Conditions	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the ground conditions ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Traffic and Movement	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the traffic and movement ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Noise and Vibration	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the noise and vibration ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Socio-Economics and Recreation (including Human Health)	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the socio-economics and recreation (including human health) ZoI, therefore there are unlikely to be significant cumulative effects.]*	No
Forestry	No	-	No	*[Stage 1 conclusion: P/19/0795/FUL is located outside the forestry ZoI, therefore there are unlikely to be significant cumulative effects.]*	No

Biodiversity only (cumulative effects to Special Protection Areas to account for bean geese)

Table 61 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004510 (Earlsburn Wind Farm Extension)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts between the Project and ECU00004510 to Special Protection Areas and bean geese.	Yes

Table 62 Summary of stage 1 and 2 inter-project cumulative effects for ECU00002218 (Heathland Wind Farm)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts between the Project and ECU00002218 to Special Protection Areas and bean geese.	Yes

Table 63 Summary of stage 1 and 2 inter-project cumulative effects for ECU00004997 (Heathland Wind Farm Grid Connection)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Biodiversity	Yes	Yes	Yes	Possible cumulative impacts between the Project and ECU00004997 to Special Protection Areas and bean geese.	Yes

Table 64 Summary of stage 1 and 2 inter-project cumulative effects for ECU00006097 (Cloich Forest Wind Farm connection)

Technical topic	Stage 1			Stage 2	
	Within ZoI?	Meets threshold criteria?	Progressed to Stage 2?	Scale and nature of development likely to have a significant cumulative effect? Relevant shared receptors and/or pathways?	Progressed to Stage 3?
Biodiversity	Yes	No	-	*[Stage 1 conclusion: ECU00006097 does not meet the threshold criteria; therefore, there are unlikely to be significant cumulative effects.]*	No