The Great Grid Upgrade

North Humber to High Marnham

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North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.21.A1 Environmental Statement Appendix 21.1 - Long List Nationally Significant Infrastructure Projects (NSIP)

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nationalgrid

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1. Long List of Nationally Significant Infrastructure Projects (NSIP)

1.1 Overview

1.1.1 This Appendix presents an overview of the long list of planning applications for Nationally Significant Infrastructure Projects (NSIPs) within the Zone of Influence (ZoI) identified for inter-project cumulative effects. The long list is shown in Tables 21.1 and is illustrated in **Application Document 6.21.F1 Figure 21.1**.

1.1.2 During Scoping an overall cumulative assessment ZoI of 20 km was proposed. This was based upon the largest topic study area, ecology and biodiversity, being identified as 10 km; therefore, a ZoI of 20 km from the draft Order Limits was established to identify the initial long list of other developments. This ZoI has been identified during Environmental Impact Assessment scoping and has been reviewed as part of the development of the Preliminary Environmental Information Report and Environmental Statement to take account of any changes in the draft Order Limits since Scoping. The list has a cut-off date of 01 August 2026 to allow assessment to be undertaken.

1.1.3 The establishment of the long list of other existing and, or approved development has been based on the best available information at the time of authoring. The level of information available for the other developments varies in detail from Tier 1 (most certain) to Tier 3 (least certain). As a result, for some developments (typically Tier 1 and 2) it has been possible to accurately measure the distance from their proposed planning application boundary to the Project's Order Limits, but for some others (typically Tier 3) there has not been a proposed project application boundary, meaning it has been necessary to use a centre point to measure distance from the Project Order Limits.

1.1.4 The Long list is categorised into the three tiers that assign certainty to other existing and/or approved developments following the Planning Inspectorate's Nationally Significant Infrastructure Projects - Cumulative effects guidance (HM Government, 2026), which provides guidance for NSIPs.

1.1.5 The Long list of NSIP developments is provided in Table 21.1 below.

1.2 Other NSIPs/DCO Developments

Table 21.1 – Other existing and/or approved NSIP developments

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
1	EN010143	**East Yorkshire Solar Farm** Development of a solar farm, The Solar PV Site, Ecology Mitigation Area and Interconnecting Cable Corridor are solely located within the administrative area of East Riding of Yorkshire Council. The Grid Connection Corridor and Site Accesses are located within the administrative areas of East Riding of Yorkshire Council and North Yorkshire Council.	6.5	Consented	1	Landscape	Yes	Yes	Yes	No - Although the ZTVs for the Project and this development overlap indicating some theoretical intervisibility, the distance between the developments and lack of common landscape receptors means there is unlikely to be significant cumulative effects.		No
						Visual	Yes	Yes	Yes	No – Although the ZTVs for the Project and this development overlap indicating some theoretical intervisibility, the distance between the developments and lack of common visual receptors means there is unlikely to be significant cumulative effects.		No
						Ecology	Yes	Yes	Yes	No – The location and nature of this development is unlikely to result in any significant cumulative effects.		No
						Ornithology	Yes	Yes	Yes	Yes – potential for cumulative effects on the Humber Estuary SPA and Ramsar through potential effects on birds foraging widely within potentially functionally linked land.		Yes
						Cultural Heritage	No	No	N/A	The development does not change the setting of heritage assets assessed for the Project. No significant cumulative effect predicted.		No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.		No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.		No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils,		No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there are unlikely to be significant cumulative effects.		
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.		No
						Air Quality	Yes	Yes	Yes	This development is located outside of the ZOI for construction dust and Non-Road Mobile Machinery (NRMM) emissions. In terms of construction vehicle emissions, the development does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.		No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.		No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	East Yorkshire Solar Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.		Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		No
4	EN010120	**Drax Bioenergy with Carbon Capture and Storage Project** The installation of post-combustion carbon capture technology at up to two of the existing 600-Megawatt electrical	15.7	Consented	1	Landscape	No	No	N/A	N/A		N/A
						Visual	No	No	N/A	N/A		N/A
						Ecology	Yes	Yes	Yes	No- The location and nature of this development is unlikely to result in any significant cumulative effects.		No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		(MWe) biomass generating units (Unit 1 and 2) at Drax Power Station located in Selby.				Ornithology	Yes	Yes	Yes	Yes – the HRA identifies no potential for effects on internationally designated sites but the ES identifies significant effects on breeding and wintering birds for the construction phase only.		Yes
						Cultural Heritage	No	No	N/A	The development does not influence or change the setting of heritage assets assessed for the Project. No significant cumulative effect predicted.		No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.		No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.		No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.		No
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.		No
						Air Quality	Yes	Yes	Yes	This development is located outside of the ZOI for construction dust and NRMM emissions. In terms of construction vehicle emissions, the development does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.		No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.		No
						Socio-economics,	Yes	Yes	Yes	Drax Bioenergy with Carbon Capture and Storage Project has the potential for cumulative socio-economic, recreation		Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Recreation and Tourism				and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.		
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		Yes
5	EN010091	**Drax Re power** Drax is proposing to repower up to two existing coal-fired units with newly constructed gas-fired units.	13	Approved, however Drax announced cancellation of the project in 2021	1	Landscape	N/A	N/A	N/A	N/A	N/A	N/A
						Visual	N/A	N/A	N/A	N/A	N/A	N/A
						Ecology	N/A	N/A	N/A	N/A	N/A	N/A
						Ornithology	N/A	N/A	N/A	N/A	N/A	N/A
						Cultural Heritage	N/A	N/A	N/A	N/A	N/A	N/A
						Water Environment	N/A	N/A	N/A	N/A	N/A	N/A
						Geology and Hydrogeology	N/A	N/A	N/A	N/A	N/A	N/A
						Agriculture and Soils	N/A	N/A	N/A	N/A	N/A	N/A
						Traffic and Transport	N/A	N/A	N/A	N/A	N/A	N/A
						Air Quality	N/A	N/A	N/A	N/A	N/A	N/A
						Noise and Vibration	N/A	N/A	N/A	N/A	N/A	N/A
						Socio-economics, Recreation and Tourism	N/A	N/A	N/A	N/A	N/A	N/A
						Health and Wellbeing	N/A	N/A	N/A	N/A	N/A	N/A

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
6	EN010140	**Helios Renewable Energy Project** The installation of ground mounted solar arrays, energy storage and associated development comprising grid connection infrastructure for the generation of over 50 megawatts of electricity.	15.6	Approved	1	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	N/A	No- The location and nature of the development is unlikely to have a significant cumulative effect. Humber Estuary (SSSI, SAC, SPA, Ramsar) possible shared receptor, but effects scoped out of detailed assessment for the Helios Renewable Energy Project.	N/A	No
						Ornithology	Yes	Yes	Yes	No – Effects scoped out for designated sites and their qualifying species; construction-phase effects on breeding birds will be non-significant with mitigation	N/A	No
						Cultural Heritage	No	No	N/A	The development does not influence or change the setting of heritage assets assessed for the Project. No significant cumulative effect predicted.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there are unlikely to be significant cumulative effects.		
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Helios Renewable Energy Project has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
7	EN010116	**North Lincolnshire Green Energy Park** The Project consists of an Energy Recovery Facility converting up to 650,000 tonnes per annum of Refuse Derived Fuel to generate a maximum of 95 Mega Watts of electrical output and/or 380 Mega Watts of thermal output to provide power, heat and steam on the site of the operating Flixborough Wharf on the River Trent.	1.6	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	The Humber Estuary (SSSI, SAC, SPA, Ramsar) is a shared receptor. However, pollution of qualifying aquatic and terrestrial habitats due to increased deposition will be mitigated for the North Lincolnshire Green Energy Park, with no significant overall effects anticipated. No other shared designated site receptors, with potential effects from both projects. Unlikely to be significant cumulative effects on the same populations of terrestrial species from the two developments.	N/A	No
						Ornithology	Yes	Yes	Yes	No – adverse effects on designated sites were ruled out. Adverse effects on breeding and non-breeding birds arising from habitat losses, displacement and disturbance are restricted to non-	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										significant effects at a site level only when accounting for the proposed mitigation.		
						Cultural Heritage	Yes	Yes	Yes	Effects on heritage assets within ZoI, GII LBs in Flixborough, would not greater than that assessed for Project. Unlikely to be significant cumulative effect.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes
						Air Quality	Yes	Yes	Yes	This development is located outside of the ZOI for construction dust and Non-Road Mobile Machinery emissions. In terms of construction vehicle emissions, the development has been included in the future baseline traffic scenario as indicated in Table 1.2 of **Application Document 6.14.A3 Appendix 14.3 Future Baseline**, therefore the construction vehicle emissions assessment presented in **Application Document 6.15 Chapter 15 Air Quality** is inherently cumulative. Construction vehicle emission effects as a result of the Project have been determined as negligible. As such, there are unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	North Lincolnshire Green Energy Park has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
8	EN010114	**Keadby 3 Carbon Capture Power Station** A combined cycle gas turbine power station, comprising a CCGT unit with a capacity of up to 910 megawatts electrical output.	0	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes- There are shared receptors, such as designated sites, notable habitats and protected species due to the distance between this development and the Project, with partial overlap.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes –shared receptors include designated sites and breeding and non-breeding birds due to the spatial and temporal overlap between this development and the Project. While the adverse effects on these receptors, with mitigation, are non-significant, cumulative effects could occur.	N/A	Yes
						Cultural Heritage	Yes	Yes	N/A	No overlap and no potential for impacts to same buried heritage assets impacted	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										by the Project. Development is in-keeping with current land use so unlikely to result in significant cumulative effects from setting change. No potential for a significant cumulative effect.		
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										Versatile land and/or soil ecosystem functions.		
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	No	Whilst the development is located within the air quality ZOI, it is anticipated to be operational prior to commencement of the Project construction phase. As such, there would be no temporal overlap between construction activities and no likely significant cumulative air quality effects.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, there are no shared noise sensitive receptors. As such, significant cumulative effects are not expected.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Keadby 3 Carbon Capture Power Station has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
9	EN010101	**Little Crow Solar Park** Energy scheme comprising ground mounted solar photovoltaic arrays, electrical storage, grid connection infrastructure and other infrastructure integral to its construction, operation,	10.6	Approved	1	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No – The location and nature of this development is unlikely to result in any significant cumulative effects.Additionally, the Ecology and Nature Conservation ES chapter for Little	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		maintenance, and decommissioning. The solar park will have an intended design capacity of over 50 MW.								Crow Solar Park predicts either positive or neutral residual effects on ecological receptors, with the exception of breeding birds.		
						Ornithology	Yes	Yes	Yes	No – non-significant residual effects are predicted for wintering lapwing due to permanent loss of foraging habitat during operation, however the numbers of birds affected are small enough that cumulative effects are highly unlikely. Effects on the Humber Estuary SPA and Ramsar site were ruled out in agreement with the LPA and Natural England.	N/A	No
						Cultural Heritage	No	No	N/A	Development would not change the setting of heritage assets assessed for the Project. No significant cumulative effects predicted.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Socio-economics, Recreation and Tourism	Yes	Yes	No	Little Crow Solar Park has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	No	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	No
10	EN010142	**Tillbridge Solar Project** Generating station with an anticipated capacity in excess of 50 MW comprising ground mounted solar arrays.	2.1	Approved	1	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No – The location and nature of this development is unlikely to result in any significant cumulative effects. Additionally, the Ecology and Nature Conservation ES chapter for Tillbridge Solar Project predicts either minor or moderate positive residual effects on relevant important ecological features. Therefore, significant cumulative effects would not occur.	N/A	No
						Ornithology	Yes	Yes	Yes	No – The Ecology and Nature Conservation ES chapter for Tillbridge Solar Project predicts either minor or moderate positive residual effects on relevant important ecological features, including breeding and wintering birds. Therefore, significant cumulative effects would not occur.	N/A	No
						Cultural Heritage	Yes	Yes	N/A	Solar PV site would not result in change to setting of heritage assets assessed for the Project. Underground cable would not affect buried archaeology impacted by the Project. Significant cumulative effects are unlikely.	N/A	No

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						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.		No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Tillbridge Solar Project has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	No
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
11	EN010088	**West Burton C power station** The proposal is for a power station capable of generating up to 299 MW of electrical generation capacity.	1.5	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes- possible shared receptors, such as designated sites, due to the distance between this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	No – no significant effects on birds or designated sites were identified, with residual effects following mitigation predicted to be generally below detectable levels. Cumulative effects are therefore highly unlikely despite the proximity of this development to the Project	N/A	No
						Cultural Heritage	Yes	Yes	N/A	Potential cumulative effect on Medieval settlement and open field system scheduled monument	N/A	Yes
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes
						Air Quality	Yes	Yes	Yes	This development is located outside of the ZOI for construction dust and NRMM emissions. In terms of construction vehicle emissions, the development has been included in the future baseline traffic scenario as indicated in Table 1.2 of **Application Document 6.14.A3 Appendix 14.3 Future Baseline**, therefore the construction vehicle emissions assessment presented in **Application Document 6.15 Chapter 15 Air Quality** is inherently cumulative. Construction vehicle emission effects as a result of the Project have been determined as negligible. As such, there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	No	Given the West Burton C Power Station is anticipated to be operational before the Project starts construction, there is limited potential for cumulative socio-economic, recreation and tourism effects.	N/A	No
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
12	EN010131	**Gate Burton Energy Park** Solar Farm that would allow for the generation, storage and	2.4	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		export of up to 500 (MW) electrical generation capacity.				Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Shared designated site receptors are Ashtons Meadow LWS, Retford Road Wood, Rampton LWS and Lea Marsh SSSI. No potential pathways for effects have been identified in relation to these designated sites for the NHHM Project. Therefore, cumulative significant effects on these designated sites would not occur. Due to the nature of the Gate Burton Energy Park Solar Farm Project and the distance between the two developments, there are unlikely to be significant cumulative effects on other habitats and species. Also, each development will be bound by its own CoCP and / or a CEMP and it is assumed each development will apply best practice construction methods to minimise impacts from pollution, dust, noise, lighting etc. Appropriate mitigation would be required for both projects to avoid impacts to protected species that would otherwise be illegal.	N/A	No
						Ornithology	Yes	Yes	Yes	The proposal has the potential to affect breeding skylark through permanent habitat loss during the construction phase. This effect is reduced to a level assessed as "negligible – minor adverse". Habitat enhancements will benefit bird populations, including breeding skylark, in the longer term. Significant cumulative effects are therefore highly unlikely.	N/A	No
						Cultural Heritage	Yes	Yes	N/A	Due to distance of main Solar PV site, unlikely that the development would affect heritage assets assessed for the Project. No potential for connection cable to impact same buried archaeological assets as Project. Unlikely to result in significant cumulative effect.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Gate Burton Energy Park has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
13	EN010133	**Cottam Solar Project** development comprising three electricity generating stations, each with anticipated capacity in excess of 50 MW.	1.3	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	The Ecology and Biodiversity ES chapter for Cottam Solar Project predicts neutral residual effects on shared ecological designated site receptors, therefore, significant cumulative effects on these designated sites would not occur. Neutral residual effects are also predicted for habitats, with the exception of hedgerows and trees and ditches and watercourses. The predicted effect of the Cottam Solar Project on hedgerows and trees is predicted to be adverse at Site level, with adverse effects on ditches and watercourses at a Local level. Due to the distance between the two projects, it is unlikely there would be significant cumulative effects on these habitat features. The Ecology and Biodiversity ES chapter for Cottam Solar Project predicts neutral or beneficial residual effects on shared protected and notable species receptors, with the exception of harvest mouse, where an adverse effect at a Local level is predicted. Again, partly due to the distance between the two projects, there is unlikely be a significant cumulative effect on harvest mouse, through impacts to the same populations.	N/A	No
						Ornithology	Yes	Yes	Yes	Effects on all ornithology receptors are predicted to be neutral or beneficial, except for breeding skylark, yellow wagtail, grey partridge and quail, for which residual effects are predicted to be significant at the local scale during construction only.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										Cumulative effects on these farmland breeding bird species are therefore possible.		
						Cultural Heritage	Yes	No	N/A	Due to distance of main Solar PV site, unlikely that the development would affect heritage assets assessed for the Project. No potential for connection cable to impact same buried archaeological assets as Project. Unlikely to result in significant cumulative effect.	N/A	No
						Water Environment	No	No	No	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	This development is located outside of the ZOI for construction dust and NRMM emissions. In terms of construction vehicle emissions, the development does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Socio-economics, Recreation and Tourism	Yes	Yes	No	Cottam Solar Project does not have the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure given no temporal overlap.	N/A	No
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
14	EN010132	**West Burton Solar Project** comprising of ground mounted solar arrays, with associated development comprising energy storage, grid connection infrastructure and other infrastructure integral to the construction, operation, and maintenance of the NSIPs	0	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as national and local character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – potential shared receptors, including designated sites and protected species. Partial overlap of project boundaries.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Effects on all ornithology receptors are predicted to be neutral or beneficial, except for breeding skylark and grey partridge (adverse at the local level) and wintering farmland birds (adverse at the site level) during the operational phase only. Cumulative effects on these farmland bird species are therefore possible.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Potential for development to impact same buried archaeological assets as Project. Potential for cumulative effects to assets in Sturton Le Steeple	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	No	West Burton Solar Project does not have the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure given no temporal overlap.	N/A	No
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
16	TR010065	**A46 Newark Bypass** On-line widening, to the north of the existing route, for most of its length between Farndon roundabout and the A1 followed by a new section of offline dual	13.5	Approved	1	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No- The scale and nature of this development is unlikely to result in significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		carriageway proposed between the A1 and Winthorpe roundabout, where the new dual carriageway ties into the existing A46 to the west of Winthorpe roundabout.				Ornithology	Yes	Yes	Yes	No- The scale and nature of this development is unlikely to result in significant cumulative effects.	N/A	No
						Cultural Heritage	No	No	N/A	Outside of ZoI for heritage	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	A46 Newark Bypass has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		
296	EN010148	**Tween Bridge Solar Farm** The project will comprise the construction, operation, management and decommissioning of a ground mounted solar photovoltaic (PV) electricity generating facility exceeding 50 megawatt (MW) output capacity.	0.6	In examination	2	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	There are likely shared receptors, such as designated sites and protected species due to the distance between the two projects. However, the nature of the development (solar farm) reduces the likelihood of significant cumulative effects. Additionally, the Ecology and Nature Conservation ES chapter for Tween Bridge Solar Farm predicts either negligible or minor beneficial residual effects on relevant important ecological features. Therefore, significant cumulative effects would not occur.	N/A	No
						Ornithology	Yes	Yes	Yes	Shared receptors include foraging qualifying species of the Humber Estuary SPA and Ramsar, breeding and wintering birds. However, residual effects for all receptors that also occurred within the baseline underpinning assessments of the Project were reported as beneficial. Therefore cumulative effects are not expected to occur.	N/A	No
						Cultural Heritage	Yes	Yes	N/A	Potential for cumulative effect to historic landscape, Isle of Axholme.	N/A	Yes
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology,	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there is unlikely to be significant cumulative effects.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Tween Bridge Solar Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
298	EN010152	**Fenwick Solar Farm** The generating capacity of the Scheme will exceed 50 MW and its maximum capacity is anticipated to be 237.5 MW.	16.2	Approved	1	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No- The scale, nature and location of this development is unlikely to result in significant cumulative effects.	N/A	No
						Ornithology	Yes	Yes	Yes	No- The scale, nature and location of this development is unlikely to result in significant cumulative effects. Furthermore, the ES supporting Fenwick Spolar Farm reports effects on breeding birds that are beneficial overall and identifies no other shared receptors.	N/A	No
						Cultural Heritage	No	No	N/A	Development would not change the setting of heritage assets assessed for the Project. No significant cumulative effects predicted.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there are unlikely to be significant cumulative effects.		
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Fenwick Solar Farm has the potential for cumulative socio-economic, from construction and operational workforce availability, accommodation capacity,	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
298	EN010154	**Fosse Green Energy** The generating capacity of the FGE Scheme will exceed 50 MW. and its capacity is anticipated to be approximately 320 MW.	9.5	In examination	2	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No- The nature and location of this development is unlikely to result in significant cumulative effects.	N/A	No
						Ornithology	Yes	Yes	Yes	No- The scale, nature and location of this development is unlikely to result in significant cumulative effects. Furthermore, the ES supporting Fose Green Energy reports effects on breeding and wintering birds that are beneficial overall and identifies no other shared receptors.	N/A	No
						Cultural Heritage	No	No	N/A	Development would not change the setting of heritage assets assessed for the Project. No significant cumulative effects predicted.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Fosse Green Energy has the potential for cumulative socio-economic, from construction and operational workforce availability, accommodation capacity.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
353	EN10162	**Great North Road Solar and Biodiversity Park Project** Solar photovoltaic array generating station, battery energy storage system and grid connection infrastructure, with a maximum generation capacity of 800 MW. name update to Great North Road Solar and Biodiversity Park	3.7	Recommendation	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	No – Although the ZTVs for the Project and this development overlap indicating some theoretical intervisibility, the distance between the developments and lack of common visual receptors means there is unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Ecology	Yes	Yes	Yes	No- The nature and location of this development is unlikely to result in significant cumulative effects.	N/A	No
						Ornithology	Yes	Yes	Yes	No- The nature and location of this development is unlikely to result in significant cumulative effects. The ES for the proposed development reports no significant adverse effects on breeding birds, wintering birds or designated sites and beneficial effects for some breeding birds.	N/A	No
						Cultural Heritage	Yes	Yes	N/A	No – distance to assets assessed for the Project and backstop of A1 would preclude significant cumulative effects.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics,	Yes	Yes	Yes	Great North Road Project has the potential for cumulative socio-economic,	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Recreation and Tourism				recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.		
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
354	EN010159	**One Earth Solar Farm** The project comprises the construction of a Solar Farm and collated Battery Energy Storage System (BESS) that would allow for the generation, export and storage of electricity exceeding 50 MW.	0	consented	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors, due to the partial overlap between this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Likely shared receptors include breeding farmland birds, which may be affected during construction, due to the partial overlap between this development and the Project. The long term effects are assessed as significant beneficial. Cumulative effects are therefore possible if the construction phases of One Earth Solar Farm and the Project overlap	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Recognising mitigation measures of other development, there remains potential for development to impact same buried archaeological assets as Project.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.		
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore cumulative adverse effects in relation to geology and hydrogeology are unlikely.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	Yes	The scale of the development is unlikely to cause any significant cumulative effects for traffic and transport.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI and there may be an overlap in construction activities, the	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										Project's construction traffic emissions have been assessed as resulting in negligible effects, whilst effects associated with construction dust and NRMM emissions are predicted to be not significant. It is also assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.		
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	One Earth Solar Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		
415	EN010157	**Peartree Solar** Construction of a Solar Farm and collated Battery Energy Storage System (BESS) that would allow for the generation, export and storage of electricity exceeding 50 MW.	0	Consented	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors, due to the partial overlap between this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors, due to the partial overlap between this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	No – above ground infrastructure at solar PV site would not affect assets assessed for the Project. Physical impacts from other development from buried cable do not interact with buried archaeological remains impacted by the Project. No potential for significant cumulative effects.	N/A	No
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	The nature of this development is such that significant effects on geology and hydrogeology are not anticipated and significant contamination sources have not been identified within the relevant areas of land occupied by this development and by the Project. In addition, legislation and planning requires that for new development, risks to human health and controlled waters from potential contamination are appropriately mitigated. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely. Furthermore, each development will be bound by its own Code of Construction Practice (CoCP) and / or a Construction Environmental Management Plan (CEMP). It is assumed each	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										development will apply best practice construction methods so as to minimise impacts from contamination on ground conditions and groundwater.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Peartree Solar has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		
17	EN10163	**Steeple Renewables** Proposed development of a Solar Farm located in Nottinghamshire comprising up to 400 MW of solar energy generation and a 200 MW Battery Energy Storage System (BESS).	0	recommendation	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	N/A	Potential for cumulative effects to buried archaeology and setting	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI and there may be an overlap in construction activities, construction vehicle emission effects associated with the Project have been assessed as negligible, whilst effects associated with construction dust and NRMM emissions are predicted to be not significant. It is also assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.		
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Steeple Renewables has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
511	EN011098	**Hornsea Four Offshore Wind Farm** Development of the Hornsea Project Four offshore wind farm. This is within the western area of the former Hornsea known as Zone 4, under the Round 3 offshore wind licensing arrangements established by The Crown Estate.	0	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Potential for impacts to common buried archaeological assets.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.		
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore cumulative adverse effects in relation to geology and hydrogeology are unlikely.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Air Quality	Yes	Yes	Yes	In terms of construction vehicle emissions, the development has been included in the future baseline traffic scenario as indicated in Table 1.2 of **Application Document 6.14.A3 Appendix 14.3 Future Baseline**, therefore the construction vehicle emissions assessment presented in **Application Document 6.15 Chapter 15 Air Quality** is inherently cumulative. Construction vehicle emission effects as a result of the Project have been determined as negligible. It is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Hornsea Four Offshore Wind Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
512	EN010125		0	Approved	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		Dogger Bank South Offshore Wind Farms Project comprises the two offshore wind farms (Dogger Bank South West and Dogger Bank South East), and associated offshore and onshore infrastructure including offshore and onshore high voltage electricity cables, onshore and offshore electricity substation(s), connection(s) to the National Grid and ancillary and temporary works								receptors such as landscape character areas.		
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Potential for cumulative effects to buried archaeology and setting of designated assets (Risby SM and RPG)	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	The nature of this development is such that significant effects on geology and hydrogeology are not anticipated and significant contamination sources have not been identified within the relevant areas of land occupied by this project and the Project. In addition, legislation and planning requires that for new development, risks to human health and controlled waters from potential contamination are appropriately mitigated. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely. Furthermore,	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										each development will be bound by its own Code of Construction Practice (CoCP) and / or a Construction Environmental Management Plan (CEMP). It is assumed each development will apply best practice construction methods so as to minimise impacts from contamination on ground conditions and groundwater.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI and there may be an overlap in construction activities, the Project's construction traffic emissions have been assessed as resulting in negligible effects, whilst effects associated with construction dust and NRMM emissions are predicted to be not significant. It is also assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Dogger Bank South Offshore Wind Farms has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
513	EN010144	**Dogger Bank D Wind Farm** **Dogger Bank D (DBD) Offshore Wind Farm** encompasses a circa 2000 MW offshore wind farm, offshore high voltage transmission and potential onshore transmission and Hydrogen Production Facility infrastructure	0	Pre-application	2	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Yes - Potential for cumulative effects to buried archaeology and setting of designated assets	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.		
						Geology and Hydrogeology	Yes	Yes	Yes	The nature of this development is such that significant effects on geology and hydrogeology are not anticipated and significant contamination sources have not been identified within the relevant areas of land occupied by this project and the Project. In addition, legislation and planning requires that for new development, risks to human health and controlled waters from potential contamination are appropriately mitigated. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely. Furthermore, each development will be bound by its own Code of Construction Practice (CoCP) and / or a Construction Environmental Management Plan (CEMP). It is assumed each development will apply best practice construction methods so as to minimise impacts from contamination on ground conditions and groundwater.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.		
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Dogger Bank D Wind Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
617	EN030003	Aldbrough Hydrogen Storage Underground Gas Storage Facility - up to 9 underground caverns (cavities), gas processing plant and associated development with capacity to store up to 420 standard million cubic meters (mcm) of hydrogen, having an import and export capability of up to 12.1 mcm per day.	21.1	Pre-application	2	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	No	No	N/A	N/A	N/A	No
						Ornithology	No	No	N/A	N/A	N/A	No
						Cultural Heritage	No	No	N/A	Outside of ZoI for heritage; no impacts to common heritage assets.	N/A	No
						Water Environment	No	No	No	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Aldbrough Hydrogen Storage has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	Screened out at Stage 2 given a combination of distance and a lack of information on the scale of the scheme.	No
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	No
618	EN0710003	**Humber Carbon Capture Pipeline** Humber Carbon Capture Pipeline (onshore underground CO2 pipeline and associated above ground infrastructure to	0	Pre-application	2	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas during construction only.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		connect with a secure offshore storage in the North Sea.								receptors such as community areas and views from recreational routes during construction only.		
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Yes – potential for cumulative impacts to common buried archaeological assets.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										management Plan (CEMP) or similar, as appropriate, and it is assumed will apply best practice construction methods. Therefore cumulative adverse effects in relation to geology and hydrogeology are unlikely.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI and there may be an overlap in construction activities, the Project's construction traffic emissions have been assessed as resulting in negligible effects, whilst effects associated with construction dust and NRMM emissions are predicted to be not significant. It is also assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Humber Carbon Capture Pipeline has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										availability, accommodation capacity, GVA and social infrastructure.		
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
619	EN0110018	**Clean Air Solar Farm**. The project comprises the construction, operation, maintenance and decommissioning of a solar photovoltaic (PV) electricity generating station and associated development, including ground-mounted solar PV modules, substation, inverters, transformers and switchgear, and export cables to the existing National Grid Creyke Beck Substation extension, Wanlass Beck. The project will have a generating capacity of approximately 500 MW.	9.6	Pre-application	2	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and protected species, due to the spatial overlap of this development and the Project.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	N/A	Overlaps with Project. Potential for impacts to common buried archaeological assets.	N/A	Yes
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils,	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there are unlikely to be significant cumulative effects.		
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Kingfisher Solar Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
620	EN0110002	**Mylen Leah Solar Farm** Ground-mounted solar electricity generating station with a gross output of over 50 Megawatts (MW) and associated grid connection infrastructure.	11.5	Pre-application	2	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	Yes	No – The location and nature of this development is unlikely to result in any significant cumulative effects.	N/A	no

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Ornithology	Yes	Yes	Yes	The proposed development is within the maximum foraging range of some qualifying species of the Humber Estuary SPA, particularly pink-footed geese, however the distance of the project site from the Humber Estuary is sufficient that the probability of cumulative effects occurring is very small. Cumulative effects on breeding and non-breeding birds are unlikely given the potential to enhance habitats for most breeding bird species	N/A	No
						Cultural Heritage	No	No	N/A	Outside of ZoI for heritage; no potential for impacts to common heritage assets.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Whilst Mylen Leah Solar Farm has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										availability, accommodation capacity, and GVA, given the minimal temporal overlap towards the conclusion of the Project's construction phase, and the limited amount of non-local worker accommodation anticipated to be required for Mylen Leah Solar Farm, there are unlikely to be significant cumulative effects.		
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	No
621	EN0110001	**The Keadby Next Generation Power Station Project** A combined cycle gas turbine electricity generating station designed to run on 100% hydrogen (the ambition is that this would be the fuel used from inception) and able to run on 100% natural gas of up to 910 megawatts net electrical output; hydrogen and natural gas supply infrastructure, water supply and electricity connections; above ground installations; utilities connections; construction laydown areas; access; and other associated and ancillary development.	0	Decision stage	2	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes- There are shared receptors, such as designated sites, notable habitats and protected species due to the distance between this development and the Project, with partial overlap.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes –shared receptors include designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Yes, potential for direct impacts to common buried assets and setting change to assets assessed as part of the Project.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of		No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.		
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed each development will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	Yes	The development is located within the ZOI for Traffic and Transport, and the scale of the development will potentially have a significant cumulative effect.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI and there may be an overlap in construction activities, the Project's construction traffic emissions have been assessed as resulting in negligible effects, whilst effects associated with construction dust and non-road mobile machinery (NRMM) emissions are predicted to be not significant. It is also assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.		No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	The Keadby Next Generation Power Station Project has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
682	EN0710006	**Humber Hydrogen Pipeline** The construction and operation of an approximately 54 km hydrogen pipeline and associated infrastructure e.g.	13.6	Pre-application	3	Landscape	No	No	N/A	N/A	N/A	N/A
						Visual	No	No	N/A	N/A	N/A	N/A
						Ecology	Yes	Yes	N/A	The Humber Estuary SPA/SAC/Ramsar/SSSI is a shared	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
	Humber Hydrogen Pipeline	such as Above Ground Infrastructure (AGI's) to enable the distribution of hydrogen across the Humber region								ecological receptor that would be crossed by both projects.		
						Ornithology	Yes	Yes	N/A	Shared receptors include designated sites, in particular the Humber Estuary SPA, Ramsar and SSSI and their qualifying species; and potentially breeding birds and wintering birds	N/A	Yes
						Cultural Heritage	No	No	N/A	Outside of ZoI for heritage; no potential for impacts to common heritage assets.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there are unlikely to be any significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Humber Hydrogen Pipeline has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
728	EN0110029	**Prototype fusion energy plant, STEP Fusion, West Burton** A prototype fusion power plant that will demonstrate net energy, fuel self-sufficiency and a viable route to plant maintenance	0.7	Pre-application	3	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes- Likely shared ecological receptors, such as designated sites, notable habitats and protected species.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes- Likely shared ornithology receptors, such as designated sites and breeding birds.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Development would be in-keeping with current site use so while setting of common heritage assets may experience change, this is unlikely to be significant. Significant cumulative effects are unlikely.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the water environment, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology, therefore there is unlikely to be significant cumulative effects.	N/A	No
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.		
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	STEP Fusion has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
733	EN0610001	**H2East Pipeline: Humber to Nottinghamshire** A Gas Transporter Pipeline project that will convey hydrogen from production at North Killingholme on the Humber and	0 km (interacts at High Marnham)	Pre-application	3	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		High Marnham in Nottinghamshire to industrial users across North Lincolnshire and Nottinghamshire. It is anticipated to consist of approximately 150 km of underground high pressure steel pipeline and associated infrastructure.								receptors such as community areas and views from recreational routes.		
						Ecology	Yes	Yes	Yes	Yes- potential for shared ecological receptors, such as designated sites, notable habitats and protected species due to the distance between this development and the Project, with partial overlap.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Potential for physical impacts to buried archaeological assets at High Marnham	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated due to the nature of the development. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed that each development will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	H2East Pipeline has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		
744	EN0110032	**Humberhead Solar** A ground mounted solar photovoltaic (PV) electricity generating station with a renewable electricity capacity of over 100 MW. The proposed development includes a Battery Energy Storage System (BESS).	6 km	pre-application	1	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes.	N/A	Yes
						Ecology	Yes	Yes	Yes	No- The location and nature of the development is unlikely to have a significant cumulative effect. The Humber Estuary (SSSI, SAC, SPA, Ramsar) is a possible shared receptor. However, only indirect effects on the Humber Estuary have been assessed in the NHHM ES, which are negligible. Therefore, there will not be combined significant effects.	N/A	No
						Ornithology	Yes	Yes	Yes	Cumulative effects on breeding and non-breeding birds are unlikely given the potential to enhance habitats for most breeding bird species. However, the proposed development is within the maximum foraging range of some qualifying species of the Humber Estuary SPA, particularly pink-footed geese, therefore cumulative effects are possible.	N/A	Yes
						Cultural Heritage	No	No	N/A	Outside of ZoI for heritage; no potential for impacts to common heritage assets.	N/A	No
						Water Environment	No	No	N/A	This development is located outside the ZOI for the Water Environment, therefore there is unlikely to be any significant cumulative effects	N/A	No
						Geology and Hydrogeology	No	No	N/A	This development is located outside the ZOI for Geology and Hydrogeology,	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										therefore there are unlikely to be significant cumulative effects.		
						Agriculture and Soils	No	No	N/A	This development is located outside of the ZOI for Agriculture and Soils, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Traffic and Transport	No	No	No	This development is located outside of the ZOI for Traffic and Transport, therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	No	No	N/A	This development is located outside of the ZOI for Air Quality, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Noise and Vibration	No	No	N/A	This development is located outside of the ZOI for Noise and Vibration, and therefore there are unlikely to be significant cumulative effects.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	Humberhead Solar has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes
748	EN0710007	**Project Union East Coast**: The Project will convey hydrogen from production and storage locations proposed by third-parties in the Humber Region to a range of industrial consumers across Yorkshire and Humber,	0 km	Pre-application	3	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas during construction only.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
		including potential connections to other third-party operated networks. The Project consists of the construction (including repurposing) and operation of an approximately 110 km underground high and intermediate pressure hydrogen pipeline between Saltend and Byram. It will include spurs off the main pipeline to connect with off-takers and will also include associated infrastructure (e.g. Above Ground Infrastructure such as Pressure Reduction Installations, Block Valve Stations and district governors) along the route of the pipeline.								views from recreational routes during construction only.		
						Ecology	Yes	Yes	Yes	Yes- Potential for shared ecological receptors including protected habitats and species.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Development overlaps with Project. Potential for impacts to common buried archaeological assets.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development could include potential sources of contamination and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed that each development will apply best practice	N/A	no

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ appropriate noise and vibration control measures.	N/A	No
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	The Project Union East Coast has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport,	N/A	Yes

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.		
749	EN0710008	**East Coast Hydrogen Humber Pipeline**: Repurpose existing and build new pipelines to create a core hydrogen network for Great Britain	0 km	Pre-application	3	Landscape	Yes	Yes	Yes	This development has the potential for cumulative landscape effects on shared receptors such as landscape character areas during construction only.	N/A	Yes
						Visual	Yes	Yes	Yes	This development has the potential for cumulative visual effects on shared receptors such as community areas and views from recreational routes during construction only.	N/A	Yes
						Ecology	Yes	Yes	Yes	Yes- There are shared receptors, such as designated sites, notable habitats and protected species due to the distance between this development and the Project, with partial overlap.	N/A	Yes
						Ornithology	Yes	Yes	Yes	Yes – Likely shared receptors including designated sites and breeding and non-breeding birds, due to the spatial overlap of this development and the Project.	N/A	Yes
						Cultural Heritage	Yes	Yes	Yes	Development overlaps in part with Project. Potential for impacts to common buried archaeological assets.	N/A	Yes
						Water Environment	Yes	Yes	Yes	Whilst there are common water environment receptors, significant effects are not anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with impacts on land drainage and flood risk, and impacts on water quality are appropriately mitigated. Cumulative adverse effects are therefore unlikely.	N/A	No
						Geology and Hydrogeology	Yes	Yes	Yes	Whilst the historical land use within the development is such that there is potential for sources of contamination to be present and there are likely to be shared receptors with the Project – significant effects on geology and hydrogeology receptors are not	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										anticipated. Both the development and the Project will be required to comply with legislation and planning requirements for new developments so that risks associated with potential contamination and disturbance or damage to designated sites are appropriately mitigated. In addition, each development will have its own Code of Construction Practice (CoCP), or Construction Environmental management Plan (CEMP) or similar, as appropriate, and it is assumed that each development will apply best practice construction methods. Therefore, cumulative adverse effects in relation to geology and hydrogeology are unlikely.		
						Agriculture and Soils	Yes	Yes	Yes	This development has the potential for cumulative impacts on agriculture and soils as it is within the ZOI and could result in the temporary and/or permanent loss/disturbance of Best and Most Versatile land and/or soil ecosystem functions.	N/A	Yes
						Traffic and Transport	Yes	Yes	No	The scheme does not have a temporal overlap with the peak construction year (2029), therefore there are unlikely to be significant cumulative effects.	N/A	No
						Air Quality	Yes	Yes	Yes	Whilst the development is located within the air quality ZOI, it is anticipated that the peak construction year would not overlap with the Project's. In addition, it is assumed that the development would be constructed in accordance with an appropriate CEMP, CoCP or equivalent good practice measures. As such, significant cumulative air quality effects are considered unlikely.	N/A	No
						Noise and Vibration	Yes	Yes	Yes	Although the site is located within 300 m of the Project Order Limits, the scale and nature of the development is such that significant cumulative effects are not expected where both projects employ	N/A	No

ID	Reference	Applicant for 'other development' and brief description	Distance (km)	Status	Tier	Topic	Within ZOI?	Progress to Stage 2	Overlap in temporal scope	Scale and nature of development likely to have a significant cumulative effect? Relevant Shared receptors and/or pathways?	Other factors	Progress to Stage 3/4
										appropriate noise and vibration control measures.		
						Socio-economics, Recreation and Tourism	Yes	Yes	Yes	East Coast Hydrogen Humber Pipeline has the potential for cumulative socio-economic, recreation and tourism effects from construction and operational workforce availability, accommodation capacity, GVA and social infrastructure.	N/A	Yes
						Health and Wellbeing	Yes	Yes	Yes	The potential for health and wellbeing effects depends on whether each determinant relevant to health and wellbeing has the potential for significant cumulative effects, including landscape and visual amenity, traffic and transport, air quality, noise and vibration, the water environment, climate change, and socio-economics, recreation, and tourism.	N/A	Yes

2. References

HM Government. (2026). *Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment*. Retrieved from gov.uk: https://www.gov.uk/guidance/nationally-significant-infrastructure-projects-advice-on-cumulative-effects-assessment

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