

# Tween Bridge Solar Farm

## Environmental Statement Appendix 17.4: Ecology Cumulative Assessment Table

Planning Act 2008  
Infrastructure Planning (Applications: Prescribed Forms  
and Procedure) Regulations 2009

Document Reference: 6.3.17.4

May 2026

Revision 1

## Appendix 17.4 – Ecology Cumulative Assessment Table

Table 17–25: Ecology Cumulative Assessment Table

District	Address	Application Reference	Decision	Development	Distance from nearest part of Order Limits	Mitigation in place	SAC/SPA details	Conclusion
North Lincolns hire	land West of Scotter Road South, The Lakes, Scunthorpe	PA/SCR/2024/10	Opinion given	EIA screening request for circa 1,200 dwellings, a local centre and school, green infrastructure, drainage infrastructure, open space and associated highway infrastructure	8.4km to the east	HRA – appropriate assessment. Significant effects to protected and notable species. Sensitive flora and fauna to be impacted by increased construction and operation traffic and associated	None available	Only at screening stage

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

						fumes. No ES available yet.		
North Lincolns hire	Land off Burringham Road, Ashby Parklands, Scunthorpe	PA/2024/78 0	Pending Decision	Application for approval of reserved matters (appearance, landscaping, layout and scale reserved) pursuant to outline planning permission PA/2020/1333 dated 29/06/2021 for 128 dwellings	8.5km to the east	No negative impacts on any of the designated sites in the area at a local level..	No negative impacts on any of the designated sites in the area at a local level	No impact

**ENVIRONMENTAL STATEMENT**

**ES Appendix 17.4 – Ecology Cumulative Assessment Table**

North Lincolns hire	land off Burringham Road	PA/2023/112 4	Pending Decision	Planning permission for the development of 593 dwellings, 200sqm commercial unit (Use Class E) and lake, along with associated infrastructure, including landscaping, public open space and play area, pedestrian and cycle links, pumping station and sub-station	7.7km to the east	Stage 1 HRA screened out LSE. No ES.	Eurasian marsh harrier, ruff, common redshank returned in desk study. The qualifying species are highly unlikely to be associated with the habitats on the Site and this is also reflected in the data received from LERC.	No impact
---------------------------	--------------------------------	------------------	---------------------	---	----------------------	--	---	-----------

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

<p>East Riding of Yorkshire Council</p>	<p>Middleton Quarry Heck And Pollington Lane Pollington East Riding Of Yorkshire</p>	<p>24/O3257/ST PLFE</p>	<p>Pending Decision</p>	<p>Hybrid Application consisting of a) Full Planning Permission for the removal and remediation of contaminated material, extraction of sand and gravel and the reinstatement of the void with imported restoration materials and b) Outline Permission for residential development</p>	<p>9km to the north west</p>	<p>Provided the recommended mitigation measures are correctly implemented, there will be no residual impact from the proposals and no significant effects are anticipated. There is likely to be a direct, long-term residual effect on biodiversity of Minor Beneficial (not significant) effect following the operation phase of the</p>	<p>LRC returned records for barn owl, kestrel, stock dove and tawny owl. Survey results inc. green list sp. Only (robin, wren, blackbird, woodpigeon, blue tit, great tit, goldfinch)</p>	<p>No residual impacts</p>
---	--	-------------------------	-------------------------	---	------------------------------	--	---	----------------------------

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				(of up to 74 dwellings) with associated public open space and habitat enhancement		Proposed Development.' Standard nesting bird mitigation.		
Doncaster	Land At Former Blaxton Quarry Mosham Road Auckley Doncaster	23/01971/RE MM	Granted December 2024	Details of appearance, landscaping, layout and scale for B2, B8 and Class E:(g) Employment uses of 31,846 square metres for up to 52 units and parking. (from appeal 22/00040/N ONDET	10km to the south	No ES or PEA available. Bird boxes inc. in LEMP	None available.	No impact

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				allowed 17/04/2023.)				
Doncaster	Land To The South Of Alexandra Street Thorne	24/O2105/FU LM	Reserved matters Approved	Erection of 192 dwellings with associated infrastructure (amended description).	1.15km to the west	No HRA. No ES. PEA and EclA available. The impacts upon Statutory Designated Sites during the construction and operational phases were considered to be negligible. EclA link provided. Bird boxes inc, in EclA. No nightjars recorded so no sHRA required.	Bird survey report is available - Negative permanent impacts on breeding birds. 7 BBS (5 dawn, 1 dusk, 1 nocturnal) for nightjar. The site was identified as being present within a <b>nightjar foraging</b>	Negligible impacts

							<p><b>zone</b> on the Doncaster Local Plan Policies Map. The tussocky grassland, combined with the scattered scrub, may provide good habitat for ground nesting birds, such a meadow pipit. BBS recorded redwing as fly overs only. No WCA Sch1</p>	
--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							sp. at risk of impacts from development. The BoCC5 Red list species identified to be at risk of impact from the development works at the site comprise; linnet (probable breeder), house sparrow and greenfinch (possible breeders).	
--	--	--	--	--	--	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							<p>The BoCC5 Amber list species identified to be at risk of impact from the proposed development comprise; wood pigeon (confirmed breeder), dunnock, song thrush, wren (probable breeders), bullfinch and whitethroat</p>	
--	--	--	--	--	--	--	---	--

							<p>(possible breeders). The <b>negative permanent impacts</b> to the above breeding bird species as a result of the proposed development will likely be at the <b>local level</b> for the majority of species, except for dunnock, wren and bullfinch,</p>	
--	--	--	--	--	--	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							which will be impacted at the <b>county level.</b>	
North Lincolns hire	Land north of Burringham Road, Burringham Road, Scunthorpe	PA/2023/1750	Pending Decision	Planning application to erect 158 dwellings with associated car parking, garages, landscaping, open space, pedestrian circulation and links, pumping	8.3km to the east	sHRA available. Standard mitigation inc. damping down dust, noise barriers, increased frequency of site inspections around high disturbance activities. The Lincolnshire	The farmland immediately west of the Project Site is suitable for multiple non-breeding bird species. Loss of land	Potential LSE identified at screening stage; concluded no adverse effect on integrity with mitigation.

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				station, infrastructure works and access from Burringham Road		Lakes site allocation of the emerging Local Plan inc. details around blue and green infrastructure requirements of new developments.	FLL with the Humber Estuary RAMSAR. <b>Potential LSEs</b> for the project alone during operation for Thorne & Hatfield Moors SPA (nightjar). With standard CEMP mitigation – the proposal will pass the integrity test as it	
--	--	--	--	---	--	--	--	--

							will not have an adverse effect on the integrity of the Humber Estuary SAC, SPA or Ramsar site, Thorne & Hatfield Moors SPA, Thorne Moor SAC or Hatfield Moor SAC. <b>Potential LSE for Humber Estuary SPA (NBBs)</b> during constructio	
--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							<p>n from increased noise/vibration/dust/light which has potential to disturb birds using FLL within 250m.</p> <p><b>Potential LSE</b> during construction from release of suspended soil and other pollution into waterways during constructio</p>	
--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							n (potential to impact aquatic species upon which birds feed). <b>Potential LSE</b> from increased recreational pressure during operation.	
--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

North Lincolns hire	land south of Silica Lodge Garden Centre, Scotter Road South, Scunthorpe	PA/2023/158 5	Pending Decision	Planning permission for 81 dwellings	9.0 km to the east	Mitigation for recreational pressure = financial contribution towards a Strategic Access Management and Mitigation Strategy (SAMMS)	<b>A minor adverse effect is predicted on birds of Local value therefore a neutral or slight effect, which is not significant in the context of the proposed developme nt. LSE due to recreation al pressure/d isturbance</b>	No adverse effect
---------------------------	---	------------------	---------------------	--	--------------------------	--	---	----------------------

							<p><b>to Humber Estuary SAC, SPA and Ramsar interest features.</b>                  Site not suitable for species listed under the Humber Estuary SPA or RAMSAR site. Site not considered to be functionally-linked land supporting birds associated with the</p>	
--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							<p>Humber Estuary. However, it is not possible to rule out likely significant effects from potential recreational pressure / disturbance impacts to the Humber Estuary SAC / SPA / Ramsar at the screening stage of the HRA. An appropriate</p>	
--	--	--	--	--	--	--	---	--

							<p>assessment was undertaken. LSE to the Humber Estuary SAC habitats. Application site and adjacent land is not suitable for waterbird species or passage or wintering birds. However, due to the application site falling within the Zone of</p>	
--	--	--	--	--	--	--	---	--

								<p>Influence for recreational disturbance impacts on the Humber Estuary SPA, it is not possible to rule out likely significant effects from potential recreational pressure / disturbance impacts. Appropriate Assessment = the</p>	
--	--	--	--	--	--	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							proposal will not have an adverse effect on the integrity of the Humber Estuary SPA and Ramsar site alone or in combination with other plans or projects.	
Doncaster	Hungerhill Business Park Herald Road Edenthorpe Doncaster	24/OO700/R EMM	Pending Decision	Details of appearance, landscaping, layout and scale for the erection of 167 dwellings	8.5km to the west	No detail available	Only report available is an update walkover note.	Ecology information insufficient to confirm effects, but due to scale and

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				(Phase 2 development) (amended description).				distance of site from Order Limits, as well as type of development - residential as opposed to solar , no in-combination effects likely
Doncaster	Hungerhill Business Park Herald Road Edenthorpe Doncaster	21/O3631/RE MM	Granted March 2024	Details of appearance, landscaping, layout and scale for the erection of 241 dwellings (Phase 1 development)	8.5km to the west	No detail available. Other species reports are included, but no PEA/EcIA/bird survey report	No PEA, EcIA or bird survey report available on planning portal at time of review.	Ecology information insufficient to confirm effects, but due to scale and distance of site from

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				(being matters reserved in outline application previously granted permission under ref: 18/02592/30 UTM on 29.05.2019 (as subsequently varied under ref: 23/01709/OUTM).				Order Limits, as well as type of development – residential as opposed to solar , no in-combination effects likely
Doncaster	Hungerhill Business Park Herald Road Edenthorpe Doncaster	23/01709/OUTM	Granted February 2024	Outline application for residential development of up to 542 dwellings on approx.	8.5km to the west	No ecology documents available on planning portal at time of review.	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but due to scale and

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				20.9ha of land with associated public open space, parking, landscaping and infrastructure (approval being sought for access) without compliance with condition 18 of planning application reference 23/00138/OU TM granted on 26/04/2023.				distance of site from Order Limits, as well as type of development - residential as opposed to solar , no in-combination effects likely
--	--	--	--	---	--	--	--	---

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

North Lincolns hire	Garden Centre, Belton Road, Epworth	PA/SCR/202 3/2	Not Applicabl e	EIA screening request for a mixed use scheme to include residential, retail, commercial, charity, health, leisure, open space and landscaping – AMENDED DOCUMENT – Initial Feasibility	4.53km to the south	PEA and consultation response only. No N/BBS info	A negative effect on bird breeding success and foraging is expected in the short term.	Ecology information insufficient to confirm effects as only at screening stage, but given scale and distance of site from Order Limits, as well as type of developme nt – residential as opposed to solar , no in- combinatio
---------------------------	---	-------------------	-----------------------	---	---------------------------	--	---	---

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

								n effects likely.
Doncaster	Land To The East Of Mere Lane Edenthorpe Doncaster	22/00255/R EMM	Granted October 2023	Details of Access, Appearance, Landscaping, Layout and Scale of design for 248 units with 25 affordable units and 223 open market units (being matters reserved in outline application previously granted	7.1km to the west	No ecology documents available on planning portal at time of review. Consultation response requesting CEMP is uploaded.	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but given scale and distance of site from Order Limits, as well as type of development – residential as opposed to solar , no

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				permission under ref 15/01278/OUT M on 05/02/2019). (Amended Plans and Description)				in-combination effects likely.
Doncaster	Former Hatfield Colliery Waggon Way Stainforth Doncaster	22/01934/OUTM	Granted October 2023	Outline application (all matters reserved) for the erection of up to 36,378 sq m (GIA) of industrial estate development (Use Classes B2, B8 and E(g)); up to 2,787sq m (GIA) of	4.3 km to the west	Eco assessment only.	Proposals would not have significant impacts on these sites and therefore the likely effects of development will be negligible. Moorhen, barn owl, kestrel all	Negligible effect

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				community, leisure and commercial uses (Use Classes E, F1 and F2) and associated works			breeding on site. Probable breeder include stock dove and whitethroat. Barn owl recorded emerging from B1a. Breeding bird assemblage of local importance on site.	
North Lincolns hire	Land South Of, Moorwell Road, Yaddlethor	PA/2022/1628	Granted August 2023	Application for approval of reserved matters (appearance, landscaping,	9.9km to the east	No ecology documents available on planning portal at time of review.	No ecology documents available on planning portal at	Ecology information insufficient to confirm effects, but given scale

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

	pe, Bottesford			layout and scale) pursuant to outline planning permission PA/2019/1782 dated 03/04/2020 for a residential development of up to 200 dwellings			time of review.	and distance of site from Order Limits, as well as type of development – residential as opposed to solar , no in-combination effects likely.
Doncaster	Land At Former Blaxton Quarry Mosham Road Auckley Doncaster	22/00250/O UTM	Appeal Granted April 2023	Outline Planning Permission (including means of access only) for B2, B8 and Class E:(g) -	10km to the south	No ecology documents available on planning portal at time of review; documents associated with	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but given scale and distance of

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				Employment uses of 31,846 square metres for up to 52 units and parking		appeal are under a different reference and could not be accessed during review.		site from Order Limits, as well as type of development – employment as opposed to solar , no in-combination effects likely.
Doncaster	Land On The North East Side Of Selby Road Thorne .	22/00590/R EMM	Granted August 2022	Details of appearance, landscaping, layout and scale for the construction of employment units, internal	1.4km to the west	No ecology documents available on planning portal at time of review. Reserved matters application.	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but given scale, as well as type of developme

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				estate roads, associated landscaping and infrastructure (being reserved matters for outline application 16/O2136/OUT A, granted on 20.01.2022)				nt – employment as opposed to solar , no in-combination effects likely.
North Lincolns hire	Land north of Chapel Lane, Keadby	PA/SCR/2021/8	Not Applicable	EIA screening request relating to a proposed 49.9MW solar farm - NEW DOCUMENTS - Preliminary Ecological Appraisal and	4.3km to the north	PEA & wintering bird survey available. Standard mit.	Site supports a wintering bird assemblage of local value. Site is not considered to be functionally	No residual impacts

				Wintering Bird Report			linked to the SPA. Two species which contribute to the over-wintering assemblage of the Humber Estuary SPA /Ramsar were recorded within the Site: mallard and golden plover. Marsh harrier are included in the SPA	
--	--	--	--	-----------------------	--	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

								citation for their breeding population. This species was recorded foraging offsite on one occasion. None of the wintering species associated with the Thorne and Hatfield Moor SPA/SSSI were recorded on site.	
--	--	--	--	--	--	--	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

North Lincolns hire	land at Brigg Road, Access located between 57 and 71 Brigg Road, Messingha m	PA/2020/55 4; APP/Y2003/ W/21/327825 7	Appeal Granted July 2022	Hybrid application comprising full planning permission to erect five dwellings and outline planning permission for 94 dwellings with appearance, landscaping, layout and scale reserved for subsequent consideration	12.8km to the south east	No ecology documents available on planning portal at time of review. BNG assessment is available, but Biodiversity Management Plan is not.	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but given scale and distance of site from Order Limits, as well as type of developme nt - employmen t as opposed to solar , no in- combinatio n effects likely.
---------------------------	--	--	-----------------------------------	--	-----------------------------------	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

North Lincolns hire	Land East of M181/A1077( M), Burringham, Scunthorpe	PA/2025/25 4	Pending decision	Hybrid planning permission comprising of outline, with all matters reserved for up to 550 dwellings, a local centre (use Class E), associated landscaping, drainage and other infrastructure works. Full Planning permission for the construction of a new vehicular access off the	7.8km to the east	No ecology documents available on planning portal at time of review. BNG assessment is available.	No ecology documents available on planning portal at time of review.	Ecology information insufficient to confirm effects, but given scale and distance of site from Order Limits, as well as type of developme nt - employmen t as opposed to solar , no in- combinatio n effects likely.
---------------------------	--	-----------------	---------------------	--	----------------------	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				M181/A1077(M) roundabout, a pedestrian and cycle link to Scotter road, a pumping station, earthworks and off plot drainage, ecological and associated landscaping and infrastructure works				
Doncaster	Land At Waggon Way Stainforth	25/OO583/F ULM	Pending decision	Erection of 229 residential dwellings with parking, landscaping, open space	3.6km to the west	Habitat creation and enhancement. Standard nesting bird mitigation. All	The bird assemblage is considered to be important at a Local	No impacts

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				and infrastructure and two access points from Waggon's Way, Stainforth		included in CEMP	scale. Thorne and Hatfield Moors (5.18km Southeast) - nightjar. The site is suitable for ground nesting species such as lapwing or oystercatcher. Not Significant Effect to bird assemblage at a Local Level.	
--	--	--	--	--	--	------------------	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

Doncaster	Land At Hurst Lane Auckley Doncaster	25/00287/O UTM	Pending decision	Hybrid planning application comprising: Outline application for residential development of up to 350 houses with associated access, landscaping and public open space; and Full application for the creation of access from Hurst Lane and enabling earthworks to create a	9.9km to the south	Avoid habitats of greater value. CEMP & LEMP to be completed.	Hatfield Moor SAC 4.9km away. None of the BBS species were recorded as breeding on site. 4 species probable breeders inc. grey partridge & dunnock & 2 green listed species. The remaining 13 species were recorded as	No likely significant effects
-----------	--------------------------------------	----------------	------------------	--	--------------------	---	--	-------------------------------

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				development platform			possible breeders or non-breeders.	
DCO Application	Between the Creyke Beck substation in Cottingham and High Marnham substation in Nottinghamshire.	ENO20034	Preapplication stage	North Humber to High Marnham – National Grid proposed 400kV electricity transmission connection between Birkhill Wood and High Marnham.	Adjacent to the Order Limits	Pre-app stage so limited info available. Preliminary Environmental Information Report. Embedded mitigation inc. sensitive sighting of new pylons and routes	Potential LSE from habitat loss, temporary disturbance, incidental mortality, disturbance, pollution impacts on designated sites, reduction in habitat quality, habitat fragmentation, increased predation	Potential LSE identified at screening stage; no adverse effect on integrity concluded with mitigation. In addition, mitigation Area M15 is approximately 1,300m from new powerlines, no potential for collision

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							effects. LSE are focused where the proposed overhead line crosses the Humber estuary	and/or displacement would take place as this is significantly further than the 600m buffer required for wind turbines as detailed in NE3 of Natural England's relevant reps.
--	--	--	--	--	--	--	--	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

DCO Application	Land off Lawn Lane to the South of the River Went, Fenwick, Doncaster	EN010152	Development consent granted February 2026	Fenwick Solar Project – installation of solar photovoltaic (PV) generating panels, associated electrical equipment, cabling and energy storage facilities together with grid connection infrastructure. The generating capacity of the Scheme will exceed 50	8km to the west	NSIP. Planning approved. HRA and ES completed and available. No significant effects report also helpful. Mitigation includes LEMP, OEMP, habitat enhancements.	HRA completed. Potential loss of farmland used by SPA birds was screened. No SPA relies on the site as essential functionally linked habitat. The affected land represents a very small fraction of available habitat in the wider	No significant adverse residual or cumulative effects
-----------------	---	----------	---	--	-----------------	--	--	---

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				MW and its maximum capacity is anticipated to be 237.5MW.			landscape. Loss of land would not affect population viability or SPA conservation objectives. No BBS species are present within the Order limits in numbers of national significance, i.e. 1% or more of the UK breeding population. A non-	
--	--	--	--	---	--	--	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

							breeding waterbird assemblage of district importance & non-breeding farmland bird assemblage of district importance	
DCO Application	Flixborough Wharf, Flixborough Industrial Estate, North Lincolnshire	ENO10116	Granted March 2025	North Lincolnshire Green Energy Park – The Project consists of an Energy Recovery Facility (ERF) converting up to 650,000 tonnes per	8.5km to the east	NSIP. Planning approved. HRA Appropriate assessment completed. Acoustic barriers, reducing noise exposure areas and lowering noise by up to 10 dB in some	SACs screened out at stage 1 HRA – no LSE. Sensitive bog habitat and bird species assessed to stage 2.	No adverse effect on integrity

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				<p>annum of Refuse Derived Fuel (RDF) to generate a maximum of 95 Mega Watts of electrical output (MWe) and/or 380 Mega Watts of thermal output (MWt) to provide power, heat and steam on the site of the operating Flixborough Wharf on the River Trent. The Project will</p>		<p>locations. Avoidance of particularly noisy works between September and April, where possible. An Ecological Clerk of Works (ECoW) would be present during construction to: Monitor for signs of disturbance Recommend additional mitigation such as acoustic shrouds or use of a</p>	<p>The qualifying feature assessed for potential adverse effects on integrity (AEol) from disturbance was mallard, as part of the Humber Estuary SPA waterbird assemblage . Mallard were recorded in high numbers along the</p>	
--	--	--	--	--	--	---	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				incorporate battery storage, hydrogen production from the electrolysis of water, hydrogen storage, heat and steam storage. It will also include heat-treatment of bottom and fly ash, concrete block manufacturing , carbon dioxide capture and utilisation and		non-metallic dolly (up to ~10 dB noise reduction). If necessary, the ECoW can implement further measures from the Construction Ornithological Management Plan (COMP), including a soft-start piling approach to allow early detection of disturbance effects.	River Trent to the west/south-west of the project. Natural England (NE) considered the numbers significant, noting that: A "significant number" is defined as 1% of a qualifying SPA population. Approximately 4% of the Humber	
--	--	--	--	---	--	---	---	--

ENVIRONMENTAL STATEMENT

ES Appendix 17.4 – Ecology Cumulative Assessment Table

				<p>an extended district heat network of 5km, power and gas network to service the nearby proposed housing development.</p>			<p>Estuary SPA wintering mallard population was using the land. NE also considered mallard to be susceptible to disturbance from construction noise. The Applicant disagreed, stating that mallard in the estuary are generally habituated</p>	
--	--	--	--	--	--	--	--	--

							to disturbance	
--	--	--	--	--	--	--	----------------	--