MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Environmental Statement

Volume 1, Annex 5.5: Cumulative screening matrix and location plan

Deadline: Deadline 6
PINS Reference: EN020028

Document Numbers:
MOR001-FLO-CON-ENV-PLN-0042
MRCNS-J3303-RPS-10036

APFP Regulations: 5(2)(a)

Document reference: F1.5.5/F04
Rev: F04

22 October 2025

Document status					
Version	Purpose of document	Approved by	Reviewed by	Approved by	Review date
ES	For issue	AS	September 2024	IM	September 2024
F02	Deadline 1	HK	May 2025	IM	May 2025
F03	Deadline 5	GL	September 2025	IM	September 2025
F04	Deadline 6	GL	October 2025	IM	October 2025

The report has been prepared for the exclusive use and benefit of the Applicants and solely for the purpose for which it is provided. Unless otherwise agreed in writing by RPS Group Ltd, any of its subsidiaries, or a related entity (collectively 'RPS') no part of this report should be reproduced, distributed or communicated to any third party. RPS does not accept any liability if this report is used for an alternative purpose from which it is intended, nor to any third party in respect of this report. The report does not account for any changes relating to the subject matter of the report, or any legislative or regulatory changes that have occurred since the report was produced and that may affect the report.

The report has been prepared using the information provided to RPS by its client, or others on behalf of its client. To the fullest extent permitted by law, RPS shall not be liable for any loss or damage suffered by the client arising from fraud, misrepresentation, withholding of information material relevant to the report or required by RPS, or other default relating to such information, whether on the client's part or that of the other information sources, unless such fraud, misrepresentation, withholding or such other default is evident to RPS without further enquiry. It is expressly stated that no independent verification of any documents or information supplied by the client or others on behalf of the client has been made. The report shall be used for general information only.

Prepared by:

RPS

Prepared for:

Morgan Offshore Wind Limited,
Morecambe Offshore Windfarm Ltd

Errata

Errata document version	Deadline included	Document Number	Volume and Chapter	Document section	Description of errata	Correction
F02	D2	APP-039	Volume 1 Annex 5.5	Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal	The Project's cumulative screening matrix (contained in Annex 5.5 [APP-039]) identifies that a number of Offshore Wind Farms (OWF) are rated 'c' (i.e. 'Potential cumulative impact exists: Screened in to assessment') in relation to aviation and radar. However, Chapter 11 of the ES - Aviation and Radar [APP-130], lists them as not included in the cumulative effects assessment for the Project (refer to table 11.17).	The rating for the following projects should be amended from 'c' to 'd' (No conceptual or physical effect-receptor pathway: Screened out of assessment) in the Cumulative Screening Matrix, in relation to Aviation and Radar. • Awel Y Mor • Burbo Bank OWF • Burbo Bank extension OWF • Gwynt Y Mor OWF • Ormonde OWF • Walney 1 OWF • Rhyl Flats OWF • Rian Offshore Array Phase 1 • Rian Offshore Array Phase 2 • Robin Rigg East • Robin Rigg East offshore wind project • Morecambe Offshore Windfarm Generation Assets • Walney 2 Offshore Wind Farm composite operational and maintenance (O&M) marine licence application • Walney 2 OWF • Walney Extension 3 OWF

Errata document version	Deadline included	Document Number	Volume and Chapter	Document section	Description of errata	Correction
						Walney Extension 4 OWF

Contents

1 CUMULATIVE SCREENING MATRIX AND LOCATION PLAN 1
1.1 Introduction 1
1.2 Legislative requirements 2
1.3 Methodology 3
1.3.1 Overview 3
1.3.2 Stage 1 3
1.3.3 Stage 2 9
1.3.4 Stage 3 (information gathering) and Stage 4 (assessment) 11
1.4 Consultation 12
1.5 Project updates identified for Deadline 1 16
1.5.1 Offshore 16
1.5.2 Onshore projects screened into the CEA 17
References 21

Tables

Table 1.1: ZOI for CEA 4
Table 1.2: Search criteria for the CEA long list (onshore) 8
Table 1.3: Assigning uncertainty to projects, plans or activities for CEA 8
Table 1.4: Summary of key consultation comments raised during consultation activities undertaken for the Transmission Assets relevant to the cumulative assessments 13

Appendices

Appendix A: Offshore CEA long list and location map
Appendix B: Onshore CEA long list and location map

Glossary

Term	Meaning
400 kV grid connection cables	Cables that will connect the proposed onshore substations to the existing National Grid Penwortham substation.
Applicants	Morgan Offshore Wind Limited (Morgan OWL) and Morecambe Offshore Windfarm Ltd (Morecambe OWL).
Baseline	The status of the environment without the Transmission Assets in place.
Climate change	A change in global or regional climate patterns, in particular a change apparent from the mid to late 20th century onwards and attributed largely to the increased levels of atmospheric carbon dioxide produced by the use of fossil fuels.
Cumulative Effects	The combined effect of the Transmission Assets in combination with the effects from other proposed developments, on the same receptor or resource.
Design envelope	A description of the range of possible elements and parameters that make up the Transmission Assets options under consideration, as set out in detail in Volume 1, Chapter 3: Project Description. This envelope is used to define the Transmission Assets for EIA purposes when the exact engineering parameters are not yet known. This is also referred to as the Maximum Design Scenario or Rochdale Envelope approach.
Development Consent Order	An order made under the Planning Act 2008, as amended, granting development consent.
Effect	The term used to express the consequence of an impact. The significance of effect is determined by correlating magnitude of the impact with the importance, or sensitivity, of the receptor or resource in accordance with defined significance criteria.
EIA Scoping Report	A report setting out the proposed scope of the Environmental Impact Assessment process. The Transmission Assets Scoping Report was submitted to The Planning Inspectorate (on behalf of the Secretary of State) for the Morgan and Morecambe Offshore Windfarms Transmission Assets in October 2022.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Generation Assets	The generation assets associated with the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm include the offshore wind turbines, inter-array cables, offshore substation platforms and platform link (interconnector) cables to connect offshore substations.
Greenhouse gas	A gas that absorbs and emits radiant energy within the thermal infrared range, causing the greenhouse effect. Examples include carbon dioxide and methane.
Impact	Change that is caused by an action/proposed development, e.g., land clearing (action) during construction which results in habitat loss (impact).
Intertidal Infrastructure Area	The temporary and permanent areas between MLWS and MHWS.

Term	Meaning
Landfall	The area in which the offshore export cables make landfall (come on shore) and the transitional area between the offshore cabling and the onshore cabling. This term applies to the entire landfall area at Lytham St. Annes between Mean Low Water Springs and the transition joint bays inclusive of all construction works, including the offshore and onshore cable routes, intertidal working area and landfall compound(s).
Local Authority	A body empowered by law to exercise various statutory functions for a particular area of the United Kingdom. This includes County Councils, District Councils and County Borough Councils.
Local Planning Authority	The local government body (e.g., Borough Council, District Council, etc.) responsible for determining planning applications within a specific area.
Marine licence	The Marine and Coastal Access Act 2009 requires a marine licence to be obtained for licensable marine activities. Section 149A of the Planning Act 2008 allows an applicant for to apply for 'deemed marine licences' in English waters as part of the development consent process.
Maximum design scenario	The realistic worst case scenario, selected on a topic-specific and impact specific basis, from a range of potential parameters for the Transmission Assets.
Mean High Water Springs	The height of mean high water during spring tides in a year.
Mean Low Water Springs	The height of mean low water during spring tides in a year.
Morecambe OWL	Morecambe Offshore Windfarm Limited is owned by Copenhagen Infrastructure Partners' (CIP) fifth flagship fund, Copenhagen Infrastructure V (CI V).
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	The offshore and onshore infrastructure connecting the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds. Also referred to in this report as the Transmission Assets, for ease of reading.
Morgan OWL	Morgan Offshore Wind Limited is a joint venture between JERA Nex bp (JNbp) and Energie Baden-Württemberg AG (EnBW).
Offshore export cables	The cables which would bring electricity from the Generation Assets to the landfall.
Offshore Order Limits	See Transmission Assets Order Limits: Offshore (below).
Offshore Wind Leasing Round 4	The Crown Estate auction process which allocated developers preferred bidder status on areas of the seabed within Welsh and English waters and ends when the Agreements for Lease are signed.
Onshore export cables	The cables which would bring electricity from the landfall to the onshore substations.

Term	Meaning
Onshore Infrastructure Area	The area within the Transmission Assets Order Limits landward of Mean High Water Springs. Comprising the offshore export cables from Mean High Water Springs to the transition joint bays, onshore export cables, onshore substations and 400 kV grid connection cables, and associated temporary and permanent infrastructure including temporary and permanent compound areas and accesses. Those parts of the Transmission Assets Order Limits proposed only for ecological mitigation/biodiversity benefit are excluded from this area.
Onshore Order Limits	See Transmission Assets Order Limits: Onshore (below).
Onshore substations	The onshore substations will include a substation for the Morgan Offshore Wind Project: Transmission Assets and a substation for the Morecambe Offshore Windfarm: Transmission Assets. These will each comprise a compound containing the electrical components for transforming the power supplied from the generation assets to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid.
Planning Inspectorate	The agency responsible for operating the planning process for applications for development consent under the Planning Act 2008.
Preliminary Environmental Information Report	A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project and which helps to inform consultation responses.
Scoping Opinion	Sets out the Planning Inspectorate's response (on behalf of the Secretary of State) to the Scoping Report prepared by the Applicants. The Scoping Opinion contains the range of issues that the Planning Inspectorate, in consultation with statutory stakeholders, has identified should be considered within the Environmental Impact Assessment process.
Study area	This is an area which is defined for each environmental topic which includes the Transmission Assets Order Limits as well as potential spatial and temporal considerations of the impacts on relevant receptors. The study area for each topic is intended to cover the area within which an impact can be reasonably expected.
Substation	Part of an electrical transmission and distribution system. Substations transform voltage from high to low, or the reverse by means of electrical transformers.
The Secretary of State for Energy Security and Net Zero	The decision maker with regards to the application for development consent for the Transmission Assets.
Transboundary effects	Effects from a project within one state that affect the environment of another state(s).
Transmission Assets	See Morgan and Morecambe Offshore Wind Farms: Transmission Assets (above).
Transmission Assets Order Limits	The area within which all components of the Transmission Assets will be located, including areas required on a temporary basis during construction and/or decommissioning

Term	Meaning
Transmission Assets Order Limits: Offshore	The area within which all components of the Transmission Assets seaward of Mean Low Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning. Also referred to in this report as the Offshore Order Limits, for ease of reading.
Transmission Assets Order Limits: Onshore	The area within which all components of the Transmission Assets landward of Mean High Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds). Also referred to in this report as the Onshore Order Limits, for ease of reading.

Acronyms

Acronym	Meaning
CEA	Cumulative Effects Assessment
EIA	Environmental Impact Assessment
ES	Environmental Statement
GHG	Greenhouse Gas
ISH1	Issue Specific Hearing 1
LPA	Local Planning Authority
MMEA	Manx Marine Environmental Assessment
PEIR	Preliminary Environmental Information Report
UK	United Kingdom
TSC	Territorial Sea Committee
ZOI	Zone of Influence

Units

Unit	Description
ha	Hectare
km	Kilometre
m	Metre
m^2	Square Metre

1 Cumulative screening matrix and location plan

1.1 Introduction

1.1.1.1 This document forms Volume 1, Annex 5.5: Cumulative screening matrix and location plan of the Environmental Statement (ES) prepared for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets (hereafter referred to as the Transmission Assets). The ES presents the findings of the Environmental Impact Assessment (EIA) process for the Transmission Assets.

1.1.1.2 This annex provides details of the approach to identifying other developments to be considered within the Cumulative Effects Assessment (CEA). It also provides the CEA long list (both onshore and offshore) and cumulative effects screening matrix.

1.1.1.3 The CEA long lists and cumulative effects screening matrix have been updated following PEIR to ensure that any additional data on applications already in the CEA long list or additional cumulative applications of allocations are fully considered within the Environmental Statement (ES). This list has been informed by consultation and modelling of Zones of Influence (ZOI). For the purposes of undertaking the assessment work, the CEA long lists were finalised in September 2024 (for onshore and offshore) for use in this CEA matrix. However, the list remains a live document to be continually updated through submission and examination in accordance with guidance (see **section 1.3.1**). Therefore, the long lists will be considered and updated as new information regarding other existing developments and/or approved developments that come forward after the finalisation of the CEA matrix for the submission of the DCO.(in accordance with guidance (see **section 1.3.1**)).

1.1.1.4 This document was updated at Deadline 1 in order to capture any project updates since August 2024 (when the list was finalised for submission of the application) and has been updated again at Deadline 5 to capture updates to projects since Deadline 1. The updates to be captured may include relevant new applications submitted, change in application status, or other updates to projects that were included for PEIR and ES where sufficient information is available in the public domain. In addition, the onshore and offshore CEA longlists have taken account the following Relevant Representations and items raised at Issue Specific Hearing 1 (ISH1):

- RR-1807 Renesola Hercules Energy 2 Limited (Application number: 24/0716, Longlist ID number: 1018) - Consideration of ground mounted photovoltaic (PV) solar array, a Battery Energy Storage System (BESS) and associated ancillary development at land to the north of Lytham, Lytham St Anne's – New addition to the CEA longlist.
- RR-1699 National Highways – Raised the need for the consideration of the following with regard to the traffic and transport CEA.
  - Samlesbury Enterprise Zone - New addition to the CEA longlist.

  - Lancashire Central (Cuerden Strategic Site) (07/2017/0211/ORM) – Previously included in the CEA longlist.
  - Farrington Cricket Club (LCC/2022/0048) – Previously included in the CEA longlist.
  - Pickering's Farm (07/2021/00886/ORM and 07/2021/00887/ORM) – New addition to the CEA longlist.
- Vattenfall and Clifton Fields Solar Farm (24/0414) – raised by Fylde Borough Council at ISH1 – Neighbouring authority application previously included in the CEA longlist. Full application is a new addition to the CEA longlist.
- Parrox Lane Solar Farm (24/0541) – raised by Fylde Borough Council at ISH1 - New addition to the CEA longlist.

1.1.1.5 The updates at Deadline 1 were undertaken for period running from August 2024 to the end of April 2025. The updates at Deadline 5 were undertaken for period running from the end of April 2025 to 28 August 2025. At both deadlines the same Zone of Influence for each topic as identified in **Table 1.1** and search criteria identified in **Table 1.2** have been used. The review has been completed based on information made publicly available on Planning Authority, Government and project websites up to the 28 of August 2025.

1.2 Legislative requirements

1.2.1.1 As set out in Volume 1, Chapter 1: Introduction of the ES (APP-021), following a request from the Applicants, on 4 October 2022 the Secretary of State issued a Section 35 direction that the Transmission Assets are to be treated as development for which development consent is required under the Planning Act 2008, as amended.

1.2.1.2 The legislative requirements for EIA are set by the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017, as amended (referred to in this report as the 2017 EIA Regulations), which set out requirements for EIA under the Planning Act 2008.

1.2.1.3 The 2017 EIA Regulations require:

'A description of the likely significant effects of the development on the environment resulting from, inter alia—

…

(e)the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources; …' (Schedule 4, Part 5)

1.2.1.4 This requirement is fulfilled through the CEA, which considers the cumulative effects of the Transmission Assets together with other proposed developments. This includes, for example, effects on a single receptor that may arise from the Transmission Assets in combination with one or more of the other proposed developments identified.

1.2.1.5 Further details on legislation and policy relevant to the Transmission Assets, are provided in Volume 1, Chapter 2: Policy and legislation context of the ES (APP-023).

1.3 Methodology

1.3.1 Overview

1.3.1.1 Cumulative effects are effects on a single receptor arising from the Transmission Assets when considered alongside the likely effects arising from other proposed developments. This includes projects that were not present at the time of data collection or survey and, as such, are not considered as part of the baseline for the topic being assessed. The exact approach taken by each technical topic has been described within the CEA section of the relevant ES chapters. Further information on the cumulative effects approach is set out within Volume 1, Chapter 5: Environmental assessment methodology of the ES (APP-034).

1.3.1.2 The CEA for the Transmission Assets has been undertaken in accordance with the following guidance.

- The Planning Inspectorate's Advice Note Seventeen, version 2 (Planning Inspectorate, 2019).
- Cumulative Impacts Assessment Guidelines: Guiding Principles for Cumulative Impacts Assessment in Offshore Wind Farms (RenewableUK, 2013).

1.3.1.3 Advice Note Seventeen recommends that CEA should be a staged/sequential, but iterative process, with the process repeated several times as part of the drafting of the ES. The suggested stages are as follows.

- **Stage 1** – Establish the project's ZOI for each topic and identify a long list of 'other development', with mapping where possible.
- **Stage 2** – Screening of long list: Identify a refined list of 'other development' for the CEA using the application of topic specific threshold criteria.
- **Stage 3** – Information gathering on each of the 'other existing development and/or approved development' included in the refined list at Stage 2.
- **Stage 4** – Assessment of the cumulative effects of the proposed development with the 'other existing development and/or approved development' identified in Stages 1-3 of the process outlined above.

1.3.2 Stage 1

1.3.2.1 Under the first stage of the CEA, a long list of relevant projects, plans and activities occurring within a ZOI around the Transmission Assets is developed. For the onshore elements of the Transmission Assets the initial ZOI was between 1 and 5 km from the Intertidal Infrastructure Area and Transmission Assets Order Limits: Onshore (hereafter referred to as the

Onshore Order Limits) (depending on the topic) with onshore windfarm applications considered up to 40 km from the Transmission Asset Order Limits. For the offshore elements of the Transmission Assets, the ZOI was 50 km from the Transmission Assets Order Limits: Offshore (hereafter referred to as the Offshore Order Limits). This was then further refined relevant to the topic specific ZOIs that are introduced in **paragraph 1.3.2.4** and outlined in **Table 1.1**. All ZOI have been chosen based on standard industry guidance.

1.3.2.2 The long list includes the details of the relevant operational or planned projects, plans and activities including those in the United Kingdom (UK) and adjoining international jurisdictions based on publicly available information available at the time of preparation.

1.3.2.3 Planning Inspectorate Advice Note Seventeen states that:

'It is understood that applicants are required to stop assessment work at a particular point in time in order to be able to finalise and submit an application. The applicant should state any assessment cut-off date' (Planning Inspectorate, 2019).

1.3.2.4 The ZOI for each topic area has been identified primarily based on the extent of likely potential effects. Each topic area has used industry specific guidance along with professional judgement and knowledge of the local area to define the geographical ZOI. The identified ZOIs are presented in **Table 1.1** below.

Table 1.1: ZOI for CEA

Topic	ZOI
Offshore	
Physical processes	Two tidal excursions of the offshore elements of the Offshore Order Limits.
Benthic and intertidal ecology	A 50 km buffer of the offshore elements of the Offshore Order Limits, with the exception of synergistic/interactive effects, which includes two tidal excursions of the Offshore Order Limits.
Fish and shellfish	For synergistic/interactive effects, two tidal excursions of the Offshore Order Limits: Offshore, but a buffer of 50 km of the Offshore Order Limits for additive effects, as per Volume 2, Chapter 2: Benthic subtidal and intertidal ecology of the ES. A 100 km buffer of the offshore elements of Offshore Order Limits for impacts of construction related underwater noise.
Marine mammals	Irish Sea biogeographic region.
Offshore ornithology	A 500 km buffer from the offshore elements of the Offshore Order Limits.
Commercial fisheries	ICES rectangles 35E5, 35E6, 35E7 36E5, 36E6, 36E7, 37E5, 37E6 and 37E7.
Shipping and navigation	Waters of the Irish Sea to the south and east of the Isle of Man (south of 54.5 degrees north and east of 5.0 degrees west).
Aviation, military and communications	For obstructions, 40 km from Offshore Order Limits, but a buffer of 100 km for the Offshore Order Limits for radar.
Marine archaeology	A 2 km buffer from the Offshore Order Limits.

Topic	ZOI
Infrastructure and other users	A 50 km buffer from the Offshore Order Limits.
Onshore	
Geology, hydrogeology and ground conditions	Within 1 km from the Onshore Order Limits.
Hydrology and flood risk	Within 1 km of the onshore substations and 250 metres (m) from the Onshore Order Limits.
Onshore ecology and nature conservation	The other proposed development falls within 1 km of the Onshore Order Limits and 2 km of the onshore substations.
Onshore and intertidal ornithology	Within 1 km of the intertidal infrastructure area and Onshore Order Limits.
Historic environment	Within 1 km of the of the Onshore Order Limits and 5 km of the onshore substations.
Land use and recreation	Within 1 km of the Onshore Order Limits.
Traffic and transport	The selection of projects was based upon those that would generate a material volume of traffic into the study area during the peak construction period of the onshore elements of the Transmission Assets (in 2027). This is based on professional judgement with regards to each sites potential timing for granting of planning consent, discharge of conditions etc, construction period and build out rate, opening year and their change in traffic generation during its build out period to when full occupation may be achieved.
Noise and vibration	Within 250 m of the Onshore Order Limits, 1 km of the landfall and 1 km of the onshore substations.
Air quality	Within 500 m of the Onshore Order Limits.
Landscape and visual impact	Within 51 km for Morecambe Offshore Windfarm Generation Assets, within 40 km for onshore windfarms and within 1 km for all other onshore development.
Aviation	The study area includes all land within the Onshore Infrastructure Area, the Intertidal Infrastructure Area and the airspace encompassing an area of 15 km from this boundary.
Climate change	The onshore, intertidal and offshore components of the Transmission Assets. The climate change risk study area also covers the Transmission Assets Order Limits.
Socio-economics (onshore and offshore)	• Spatial overlap: project is located in close proximity to the Transmission Assets. • Temporal overlap: construction and operation and maintenance phases anticipated to overlap. • Conceptual overlap: energy infrastructure project, therefore effect-receptor pathway overlaps.

1.3.2.5 The overarching criteria used in the desk study for long listing potentially-relevant ‘cumulative project and plans’ are other developments with the potential for overlap with the Transmission Assets. This overlap is considered in terms of impacts on sensitive receptors. Additionally, projects that introduce new sensitive receptors, where existing ones are not adequately representative of effects, are also included.

1.3.2.6 All projects, plans and activities within the ZOI defined in the **Table 1.1** above have been identified through a desktop study. The projects, plans and activities for the CEA long list seaward of Mean High Water Springs were identified within the ZOIs as defined in **Table 1.1** and through a desktop review of the websites of the following organisations.

- The Crown Estate.
- The Planning Inspectorate National Infrastructure Planning.
- Marine Scotland.
- Crown Estate Scotland.
- The Welsh Marine Planning Portal.
- Natural Resources Wales.
- Irish Government.
- Irish Environmental Protection Agency.
- Isle of Man Government.
- An Bord Pleanála.
- The Department of Agriculture, Environment and Rural Affairs.
- European Marine Observation and Data Network data.
- Centre for Environment, Fisheries and Aquiculture Science.
- The Marine Management Organisation.
- KIS-ORCA.
- Oceanwise.
- 4C Offshore.
- The North Sea Transition Authority.
- National Air Traffic Services.
- Developers and project proponents.

1.3.2.7 The projects, plans and activities for the CEA long list landward of Mean Low Water Springs were identified within the ZOIs as defined in **Table 1.1** and through a desktop review of the websites of the following organisations.

- Blackpool Council.
- Preston City Council.
- Fylde Council.
- South Ribble Borough Council.
- Lancashire County Council.
- South Ribble Borough Council.
- West Lancashire Borough Council.
- Chorley Council.

- Wyre Council.
- Rossendale Borough Council.
- Sefton Council.
- Health and Safety Executive.
- The Planning Inspectorate National Infrastructure Planning.
- UK Government.

1.3.2.8 For the consideration of onshore cumulative projects and plans, these overarching criteria generally exclude minor household applications and business applications (such as extensions or changes of use), of which there are very large numbers at any given time and are not likely to result in any potential for significant cumulative effects. Nevertheless, minor applications were reviewed within 1 km of landfall and the onshore order limits of the Transmission Assets and a judgement taken as to whether they had the potential to result in any significant cumulative effects. Any minor applications that had potential to result in significant cumulative effects were included in the CEA long list. Applications that introduce new projects within the ZOI have been identified and considered within each topic chapter, where appropriate.

1.3.2.9 **Table 1.2** provides a summary of the search criteria used to identify 'other developments' for the long list, applied to the consideration of onshore cumulative projects and plans only. Known 'other developments' located outside of the ZOI have been considered on a case-by-case basis as to whether they are likely to result in cumulative effects. These have been included in the long list as appropriate.

Table 1.2: Search criteria for the CEA long list (onshore)

Development /plan		Search criteria			
		Residential housing unit (no)	Residential housing area (hectare (ha))	Non-residential (m^2)	Non- residential (ha)
Nationally Significant Infrastructure Projects		Screened in.			
Transport and Works Act Orders		Screened in.			
"Major applications" to Local Planning Authority (LPA) values indicate threshold for screening decision.	Large Scale	200+	4+	10,000+	2+
	Small Scale	10 -199	0.5 - 4	1,000 – 10,000	1-2
Other applications to LPA		Professional judgement.			
Local Development Plan allocations		Screened in.			

1.3.2.10 All projects, plans or activities identified as being taken forward to the CEA process, are 'tiered' in accordance with the guidance set out in the Planning Inspectorate's Advice Note Seventeen (the Planning Inspectorate, 2019). This allows the level of certainty associated with the project, plan or activity to be considered. For example, projects which are already under construction are more likely to contribute to cumulative effects than those projects and plans for which an application is not yet submitted. Each development on the long list has been assigned a tier based on **Table 1.3**.

Table 1.3: Assigning uncertainty to projects, plans or activities for CEA

Tier	Criteria
Tier 1	• Under construction. • Permitted application(s), whether under the Planning Act 2008 or other regimes, but not yet implemented. • Submitted application(s) whether under the Planning Act 2008 or other regimes but not yet determined.
Tier 2	• Projects on the Planning Inspectorate's Programme of Projects where a scoping report has been submitted and is in the public domain.
Tier 3	• Projects on the Planning Inspectorate's Programme of Projects where a scoping report has not been submitted but some information is within the public domain. • Identified in the relevant Development Plan (and emerging Development Plans – with appropriate weight being given as they move closer to adoption) recognising that there will be limited information available on the relevant proposals. • Identified in other plans and programmes (as appropriate) which set the framework for future development consents/approvals, where such development is reasonably likely to come forward.

1.3.2.11 The refined long lists identified using the above method are presented in **Appendix A** (offshore) and **Appendix B** (onshore) along with figures showing the location of each projects and plans. This list has been updated periodically during the EIA process (refer to **paragraph 1.1.1.3**), informed by consultation and modelling confirming the extent of ZOIs, and has been finalised for use in this annex in September 2024, however the longlist will continue to be updated through application and examination.

1.3.3 Stage 2

1.3.3.1 A requirement of undertaking CEA is to identify those projects, plans or activities with which the Transmission Assets may interact to produce a cumulative effect. These interactions may arise within the construction, operation and maintenance, or decommissioning phases. The process of identifying those projects, plans or activities for which there is the potential for an interaction to occur is referred to as 'screening'.

1.3.3.2 The following criteria have been used in screening the long listed projects and plans for inclusion in the refined long list. These criteria, however, are not exhaustive or wholly prescriptive: expert judgement by the EIA team has also been applied throughout. The following developments have been included in the refined long list.

- EIA developments or those where an un-determined EIA screening or scoping request indicated the possibility of significant environmental effects was foreseen.
- 'Major developments' where identified as such in planning application or decision.
- Developments whose scale, nature or location suggests potential for particular cumulative impacts – e.g., an industrial or combustion process as a source of air or water pollutant or noise emissions, a potential large traffic generator such as distribution warehouse or retail park, or a development in proximity to designated site or other asset.
- Completed developments that may not be captured in baseline studies (e.g., due to very recent start of operation).
- Developments that introduce sensitive receptors for which the assessment of effects on existing sensitive receptors identified through baseline study and included in the assessment of a particular environmental impact would not be representative.

1.3.3.3 Developments not meeting these inclusion criteria and/or not considered to have potential for cumulative effects have been screened out of the refined long list.

1.3.3.4 A process has been developed in order to methodically and transparently screen the projects, plans and activities that may be considered cumulatively alongside the Transmission Assets and produce a refined long list. The following factors have then been used to refine the long list to create a refined long list to be taken forward for each topic.

- Data confidence: data confidence has been taken into account when screening projects, plans and activities into or out of the CEA. The premise is that projects, plans and activities with a low level of detail publicly available cannot meaningfully contribute to a CEA and, as such, are screened out.
- Conceptual overlap: for a conceptual overlap to occur it must be established that an impact has the potential to directly or indirectly affect the same receptor(s) in question. In EIA terms this is described as an impact-receptor pathway and is defined here as a conceptual overlap.
- Physical overlap: a physical overlap refers to the potential for impacts arising from the Transmission Assets to overlap spatially with those from other projects, plans and activities on a receptor basis. This means that, in most examples, an overlap of the physical extent of the impacts arising from the two (or more) projects, plans or activities must be established for a cumulative effect to arise. Exceptions to this exist for certain mobile receptors.
- Temporal overlap: in order for a cumulative impact to arise from two or more projects, a temporal overlap of impacts arising from each must be established. It should be noted that some impacts are active only during certain phases of development, such as UXO clearance during site preparation. In these cases, it is important to establish the extent to which an overlap may occur between the specific phase of the Transmission Assets and other projects, plans or activities. If information on the construction and operational timeline for other projects is not readily available, a worst case assumption has been made that there would be an overlap of construction and operational phases of each project.

1.3.3.5 As set out in **Appendix A**, the offshore CEA screening is set up to 2055 as this is deemed the timescale for which any cumulative impacts could be reasonably foreseen and potentially overlap with the operational period of the Transmission Assets. Any projects and subsequent impacts which are to occur beyond this period are currently unknown, and therefore increasing this time beyond 2055 would not change the outcomes of the CEA, as all relevant known impacts have been taken into account. There is no guidance to specify this period, but the Applicants have used precedent in terms of what has been done for other EIAs, such as the Generation Assets.

1.3.3.6 With respect to the onshore CEA list within **Appendix B**, any known projects were also considered for the anticipated project lifespans during the operation and maintenance phase, which would be up to and including 2055, where relevant (e.g., solar farms within the onshore cable corridors).

1.3.3.7 All developments that emit, avoid or sequester greenhouse gases (GHGs) have the potential to impact the atmospheric mass of GHGs as a receptor, and so may have a cumulative impact on climate change. Consequently, cumulative effects due to other specific local development projects were not individually considered for the climate change topic with the exception of the Generation Assets. They were however, taken into account when considering the impact of the Transmission Assets by defining the atmospheric mass of

GHGs as a high sensitivity receptor in accordance with IEMA GHG Guidance (IEMA, 2022). Further information on the approach to CEA for climate change is presented in Volume 4, Chapter 1: Climate change of the ES (APP-138).

1.3.3.8 The CEA for the human health topic was based on outputs from the other topic chapters. Therefore, projects were not screened specifically for that topic and do not appear as a separate column in the screening matrices below. Further information on the assessments relied upon for the human health CEA is presented in Volume 1, Annex 5.1: Human health assessment of the ES (APP-035).

1.3.4 Stage 3 (information gathering) and Stage 4 (assessment)

1.3.4.1 A desk study search of the available environmental information available for each of the 'other developments' listed in the refined long list has been undertaken, which included searching on LPAs and the Planning Inspectorate websites.

1.3.4.2 The CEA assessments are provided in each of the technical chapters in Volume 2, Volume 3 and Volume 4 of the ES and utilise topic-specific criteria and rationales for individual assessments which are not repeated here. In order to focus the topic-specific CEAs presented in the ES chapters, the refined long list was subject to further topic-specific screening to identify those relevant projects plans within the ZOIs for each topic, as set out in **Table 1.1**. The justification for each topic-specific screening distance, used to refine the refined long list into topic-specific short lists is based on the potential for conceptual, physical and/or temporal overlaps, as well as with the application of professional judgement.

Assessment with Generation Assets

1.3.4.3 Section 5.4.9 of Volume 1, Chapter 5: Environmental assessment methodology of the ES (APP-034) sets out that for the Transmission Assets CEA, the other proposed major developments taken into account include:

- the Morgan Offshore Wind Project: Generation Assets and the Morecambe Offshore Windfarm: Generation Assets ('the Generation Assets');
- other Offshore Wind leasing Round 4 projects, including the Mona Offshore Wind Project; and
- other relevant onshore and offshore developments identified through the process outlined above.

1.3.4.4 The CEA for the Transmission Assets draws on, and is informed by, the assessments set out in the ESs for the Generation Assets.

1.3.4.5 The following CEA scenarios have been considered, where relevant.

- Scenario 1: Assessment of the Transmission Assets, together with the Morecambe Offshore Windfarm: Generation Assets.

- Scenario 2: Assessment of the Transmission Assets, together with the Morgan Offshore Wind Project: Generation Assets.
- Scenario 3: Assessment of the Transmission Assets, together with both the Morgan Offshore Wind Project: Generation Assets and Morecambe Offshore Windfarm: Generation Assets (the Generation Assets).
- Scenario 4: Assessment of Scenario 3 and all other relevant projects and plans.

1.3.4.6 Scenario 4 includes the cumulative assessment scenario together with all other relevant screened-in projects from the cumulative effects assessment long list (see **Table 1.3**).

- Scenario 4a: Scenario 3 (Transmission Assets and Generation Assets) and Tier 1 projects, plans and activities which are:
  - under construction;
  - permitted application;
  - submitted application; or
  - those currently operational that were not operational when baseline data were collected, and/or those that are operational but have an ongoing impact.
- Scenario 4b: Scenario 4a plus Tier 2 projects, plans and activities for which a:
  - scoping report has been submitted in the public domain.
- Scenario 4c: Scenario 4b plus Tier 3 projects, plans and activities which are:
  - where a scoping report has not been submitted but some information is within the public domain;
  - identified in the relevant Development Plan; or
  - identified in other plans and programmes.

1.4 Consultation

1.4.1.1 On 28 October 2022, the Applicants submitted a Scoping Report to the Planning Inspectorate, which described the scope and methodology for the technical studies being undertaken to provide an assessment of any likely significant effects for the construction, operation and maintenance, and decommissioning phases of the Transmission Assets. It also described those topics or sub-topics which are proposed to be scoped out of the EIA process and provided justification as to why the Transmission Assets would not have the potential to give rise to significant environmental effects in these areas.

1.4.1.2 Following consultation with the appropriate statutory bodies, the Planning Inspectorate (on behalf of the Secretary of State) provided a Scoping Opinion on 8 December 2022. Key comments raised during the scoping process specific to CEA are listed in **Table 1.4**, together with details of how these

issues have been considered in the selection of CEA developments, plans and projects.

1.4.1.3 The preliminary findings of the EIA process were published in the PEIR in October 2023. The PEIR was prepared to provide the basis for formal consultation under the Planning Act 2008. This included consultation with statutory and non-statutory bodies under section 42 and 47 of the Planning Act 2008.

1.4.1.4 Consultation responses received as part of the section 42 and 47 process and how they are addressed within relevant to the CEA screening are provided in **Table 1.4**

Table 1.4: Summary of key consultation comments raised during consultation activities undertaken for the Transmission Assets relevant to the cumulative assessments

Date	Consultee and type of response	Comment	How and where considered in this annex?
8 December 2022	Planning Inspectorate	In light of the number of ongoing developments within the vicinity of the Proposed Development application site, the ES should clearly state which developments will be assumed to be part of the baseline and those which are to be considered as other development for the purposes of the cumulative effects assessment. Respondents to the Scoping Report have identified proposed developments or provided advice on the types of projects, plans, or activities that should be included (see Appendix 2 of the Scoping Opinion); these should be taken into account in the cumulative effects assessment. The Applicant should seek to agree the scope of the projects assessed with these consultation bodies.	The potential cumulative impacts of the proposed development have been considered with the identified projects and plans as set out in this annex. Topic specific assessment of the potential cumulative effects have been completed within the technical chapters and the results of this screening can be found in Appendix A: Offshore CEA long list and location map and Appendix B: Onshore CEA long list and location map.
November 2023	NRW Advisory (A) – Statutory Consultation	In terms of the screening for cumulative projects, NRW (A) advised the offshore elements of Hynet North West Carbon Capture and Storage (CCS) project should be screened in.	The Hynet CCS project has been included in the CEA long list and individually screened for each topic. The screening decisions can be found in the tables of **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map.

Date	Consultee and type of response	Comment	How and where considered in this annex?
		NRW (A) noted that on the listed projects included for assessment of cumulative effects, the Isle of Man offshore wind farm Mooir Vannin is due to be constructed by 2030 so should also be included.	The Mooir Vannin Offshore Wind Farm and the Mooir Vannin - UK Transmission Assets have been included in the CEA long list and individually screened for each topic. The screening decisions can be found in the tables of **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map.
8 December 2022	MMO – scoping	The CEA should consider the cumulative effects of other projects on commercial fisheries.	The projects screened in to the CEA for the Commercial fisheries topic can be found in the tables of **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map.
8 December 2022	Blackpool Council	Consider cumulative effects of Enterprise Zone and Division Lane West access junction works on Common Edge Road.	A list of the projects in the CEA and their screening results with respect to highways and traffic is set out in **Appendix B**: Onshore CEA long list and location map of this annex
8 December 2022	Blackpool Council	Further consideration should be given on the potential impact upon future development at the Enterprise Zone and Blackpool Airport.	A list of projects considered in the CEA and the screening decisions of individual topics can be found in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map of this annex.
8 December 2022	Historic England	Consideration should be given to other Irish Sea marine renewable energy generation infrastructure and other seabed development, inclusive of any electricity interconnectors and telecommunications cable circuits.	Marine projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map
8 December 2022	Isle of Man Government	Any significant risk of interference with marine navigation is of concern to the Territorial Sea Committee (TSC) with regard to transport to and from the island, and the shipping lanes in our territorial waters which are used to connect the UK and Ireland. The TSC is particularly concerned about the cumulative impacts from all of the proposed windfarms awarded as part of The Crown Estates Round 4 project and would want to see this fully taken into account as part of this EIA, should construction phases overlap with the other projects.	The Applicants have considered all Round 4 projects, and they are included in the CEA long list. The list and screening decisions for those projects can be found in the tables of **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map.

Date	Consultee and type of response	Comment	How and where considered in this annex?
8 December 2022	Isle of Man Government	The proposed offshore windfarm site and hydrocarbon block 112/25 should be included within any assessment for their cumulative impacts. The TSC anticipates significant impact on the Island's shipping routes due to all the proposed offshore windfarms and aims to ensure disruptions to commercial shipping services are minimal so as not affect the Island's economy.	The projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map along with the screening decisions against each project by the individual topics. .
8 December 2022	Maritime and Coastguard Agency	Due to there being a significant amount of traffic in the development area, the project should assess the potential cumulative and combined effects on shipping routes, considering proximity to other windfarm developments, existing infrastructure, and its impact on safe navigable sea room.	The shipping and navigation screening decisions for the projects listed in the CEA for can be found in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map.
8 December 2022	Natural England	The assessment of the proposed development must consider its potential cumulative effects, considering all supporting infrastructure and activities, along with other similar proposals. The ES should thoroughly evaluate the combined impact of the project with existing completed projects, approved but uncompleted projects, ongoing activities, projects under consideration by authorities, and reasonably foreseeable projects that may progress before the development's completion. The goal is to identify, describe, and assess the likely effects resulting from the project when considered in combination with these other activities.	The projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map along with the screening decisions against each project by the individual topics.
8 December 2022	Natural England	The assessment must consider the cumulative effect of the proposed development in conjunction with other relevant existing or proposed developments in the area on the overall landscape and seascape, keeping in mind the visual impact of the proposed development.	The projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map along with the screening decisions against each project by the individual topics.
November 2023	National Farmers Union (NFU) – Section 42 response	NFU would like the Operator to take into consideration the impact of construction on land which is in an agri-environmental scheme. If this land cannot be avoided early notice of any works will be required so as to avoid any breach of obligation. Cumulative	The projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map along with the

Date	Consultee and type of response	Comment	How and where considered in this annex?
		Impact – The PEIR (Non-Technical Summary 6.2.4.1) mentions that an assessment of cumulative impacts has been undertaken. Section 8.7.6.1 highlights the potential for significant adverse cumulative effects with other projects in relation to permanent loss of best and most versatile land. The NFU would like further information as soon as possible for landowners affected with respect to the cumulative impact, so they can understand the overall impacts on their businesses. The project should explore options to work collaboratively with other infrastructure projects in the area to reduce the overall cumulative effect, especially the overall impact on agricultural land and operations.	screening decisions against each project by the individual topics.
November 2023	Fylde Council, statutory consultation response	In addition to the cumulative impact of the infrastructure required to service the two wind farms, there are a number of development commitments in the locality of the proposed substation sites that need to be taken into consideration in an assessment of cumulative impact on the local community. There are several large scale solar farms which have been constructed recently or have planning permission and are awaiting project initiation. These facilities are generally located in the countryside and their impacts on the local landscape have been carefully assessed. The impact of further large scale utilities will add to that impact. It is considered that the assessment of the visual interrelationship of the proposed substation sites to these neighbouring facilities needs to be developed further.	The projects/activities that could have a cumulative effect have been listed in **Appendix A**: Offshore CEA long list and location map and **Appendix B**: Onshore CEA long list and location map along with the screening decisions against each project by the individual topics.

1.5 Project updates identified for Deadline 1

1.5.1 Offshore

- Isle of Man Interconnector 2 – updated dates of project stages based on new information and screening updated to ‘c’ screened in by Other Sea Users (OSU) and Offshore Ornithology
- Port Talbot Marine Ground Investigation Works – Project added to the long list. Projects screening updated to ‘c’ screened in by OSU

- Cailleach Offshore Wind Farm - Cailleach OWF, Wicklow renamed as Réalt na Mara OWF (Réalt na MaraOffshore WindFarm Limited); FS007330). Tier, description, and status of the project updated. Potential cumulative impact exists for Marine Mammals: Screened into assessment.
- MaresConnect Interconnector – Surveys - New project identified and added to longlist. Potential cumulative impact exists for Marine Mammals and Offshore Ornithology: Screened into assessment
- Ramsey Sound Regeneration Project - New project identified and added to longlist. Potential cumulative impact exists for Marine Mammals: Screened into assessment.
- Tidal Test Site: Strangford Lough at Portaferry & Marlfield Bay – Project added to the long list. Potential (operational phase) cumulative impact for Marine Mammals exists: Screened into assessment.
- Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence – Tier of the project updated to Tier 2 as a Scoping report has been submitted. Potential cumulative impacts for Offshore Ornithology: Screened into assessment.
- Millom East Projects collectively: Millom East PLEM, Millom PLEM, Millom PLEM to DPPA pipeline, Millom PLEM to Millom wellhead Q1 pipeline, Millom PLEM to Millom wellhead Q3 chem pipeline, Millom PLEM to Millom West pipeline, Millom wellhead Q1 to Millom PLEM pipeline, Millom wellhead Q2 to Millom PLEM pipeline, Millom wellhead Q3 to Millom PLEM pipeline, Millom West to Millom PLEM pipeline – updated decommissioning programmes to 2027-2032 for the Millom East Assets. Potential cumulative impacts for Offshore Ornithology: Screened into assessment.
- Eni Hynet – Carbon Capture Project – Tier updated from Tier 2 to Tier, status updated from pre-application to submitted but not yet determined and additional information added into the description. Potential cumulative impacts for Offshore Ornithology: Screened into assessment.
- Awel y Môr Offshore Windfarm GI – New project identified and added into the longlist. Potential cumulative impacts for Offshore Ornithology: Screened into assessment.
- East Irish Sea Transmission Project – Name updated from Mooir Vannin Transmission Assets to East Irish Sea Transmission Assets. Potential cumulative impacts for Offshore Ornithology: Screened into assessment.

1.5.2 Onshore projects screened into the CEA

- South Ribble Borough Council.
  - 07/2025/002/DIS - Discharge of condition 16 with regard to the erection of new high school, demolition of existing school buildings and ancillary works. Screened into assessment.

  - 07/2024/00889/FUL - Demolition of Existing Buildings and Erection of 9 Detached Dwellings. Screened into assessment.
  - 07/2024/00957/DIS - Discharge of condition 6 with regard to siting of containerised battery energy storage units. Screened into assessment.
  - 7/2024/00575/FUL - Erection of a replacement secondary school and associated infrastructure. Screened into assessment.
  - 07/2024/00555/NEI - installation of 49.9 megawatt solar farm with associated infrastructure. Screened into assessment.
- West Lancashire Borough Council.
  - 2024/1028/FUL - Demolition of existing structures and the erection of a housing scheme of 20 dwellings. Screened into assessment.
- Blackpool Council.
  - 24/0551 - Outline application for development of a maximum of 1400 residential dwellings, 20 hectares of Class B2 general industrial/ Class B8 storage and distribution, Class D1 primary school, two local neighbourhood centres (Classes A1, A2/A3), Class A4 drinking establishment, Class D1 health centre, Class D1 community building, vehicle access. Screened into assessment.
  - 24/0481 - Erection of nine dwellinghouses with associated infrastructure. Screened into assessment.
- Fylde Council.
  - 25/0113 - Installation of a 14.77 hectare solar farm with associated equipment and infrastructure. Screened into assessment.
  - 24/0721 - Erection of two commercial storage units (use class b8) and provision of additional vehicle parking. Screened into assessment.
  - 24/0743 – EIA Screening and Scoping Opinion for the installation of a ground mounted solar PV farm and battery energy storage system (BESS). Screened into assessment.
  - 24/0716 – EIA Screening Opinion for the development of a ground mounted photovoltaic solar array farm and BESS. Screened into assessment.
  - 24/0414 - Installation of 49.9 megawatt solar farm with associated infrastructure. Screened into assessment.
  - 24/0119 – Flood mitigation and habitat creation project. Screened into assessment.
  - 24/0656 – Request for a Screening Opinion for the demolition of existing buildings and construction of buildings to provide accommodation ,work, storage and office space along with the construction of training facilities and a health and dental centre. Screened into assessment.

- 24/0604 – Request for a Screening Opinion for the proposed operation of a 15 ha solar farm and associated equipment. Screened into assessment.
- 24/0541 – Installation of a 32 ha solar farm and associated infrastructure. Screened into assessment.
- 24/0516 – Outline planning application for the erection of a new data centre and associated plant/equipment substation and associated infrastructure. Screened into assessment.
- 24/0508 – Outline planning application for the demolition of a former ambulance station and the erection of six, three storey town houses. Screened into assessment.
- 24/0478 - Request for a Screening Opinion for the installation of a 20.1 megawatt solar farm and associated equipment including BESS at Blackpool Airport. Screened into assessment.
- 25/0153 - Request for a Screening Opinion for a proposed BESS facility. Screened into assessment.

- Wyre Council.
  - 25/00071/FUL - Erection of electricity substation control kiosk and pump station control kiosk. Screened into assessment.
  - 24/00993/RELMAJ - Reserved matters application for appearance, landscaping, layout and scale for the erection of up to 34 detached dwellings. Screened into assessment.
- Preston City Council.
  - 06/2025/0136 - Ground mounted Solar PV farm and associated infrastructure. Screened into assessment.
  - 06/2025/0085 - Outline planning application for the erection of a local centre. Screened into assessment.
  - 06/2024/1298 - Outline application for the construction of a new building comprising two trade counter units (Class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds. Screened into assessment.
  - 06/2024/1254 - 24no. residential units (Class C3) and commercial development (Class E(g)) with associated access, landscaping and infrastructure. Screened into assessment.
  - 06/2024/1253 - Outline planning application for motorway service areas access. Screened into assessment.
  - 06/2024/1191 – 12, one bedroom apartments, 12, two bedroom apartments with associated car parking and vehicular access. Screened into assessment.
  - 06/2024/1086 – Outline planning application for a residential development of 20 dwellings. Screened into assessment.

- 06/2024/0938 - Request for a screening opinion for the erection of up to 430no. dwellings, primary school, linear park, and associated infrastructure and works. Screened into assessment.
- 06/2024/0773 – Hybrid planning application comprising of an outline planning application for the access for up to 195 dwellings and a full planning application for the erection of dwellings (Phase 1). Screened into assessment.
- 06/2024/1134 - Hybrid planning application comprising of a full planning application for the erection of 26 dwellings and outline application for the access for up to 429 dwellings. Screened into assessment.

- Ribble Valley Borough Council.
  - Lancashire advanced engineering & manufacturing (Samlesbury) enterprise zone local development order. Screened into assessment.

1.6 Project updates identified for Deadline 5

1.6.1 Offshore projects

1.6.1.1 Only one offshore project update at Deadline 5 has led to a project being screened into the CEA. All other updated projects are noted to have not changed the outcome of the screening decision.

- Floating Solar Array, Cavendish Dock and adjacent land, ABP Port of Barrow, Barrow-in-Furness has been added to the long list as a new project. It has been screened into the CEA matrix by benthic subtidal and intertidal ecology and fish and shellfish ecology as ‘c’ according to the CEA screening criteria.

1.6.2 Onshore projects

- Fylde Borough Council
  - 25/0358 - Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings (the former Co-op) to facilitate change of use to 3 apartments together with associated infrastructure.
  - 25/0355 – Erection of a battery storage facility (up to 100 MW).
- East Irish Sea Transmission Project - Transmission Assets for the Mooir Vannin Offshore Windfarm which includes the Offshore Export Cables, an Offshore Booster Station (in the event of HVAC), landfall infrastructure, Onshore Export Cables, an Onshore Substation, Grid Connection Cables to connect to a National Grid Substation at Penwortham and the consideration for an onshore booster station. Scoping Report published August 2025.

References

RenewableUK (2013) Cumulative Impacts Assessment Guidelines: Guiding Principles for Cumulative Impacts Assessment in Offshore Wind Farms. RenewableUK, London.

The Planning Inspectorate (2019) (Version 2), https://www.gov.uk/government/publications/nationally-significant-infrastructure-projects-advice-note-seventeen-cumulative-effects-assessment-relevant-to-nationally-significant-infrastructur/nationally-significant-infrastructure-projects-advice-note-seventeen-cumulative-effects-assessment-relevant-to-nationally-significant-infrastructur#staged-approach-and-formats-for-cea [Accessed 03 September 2024].

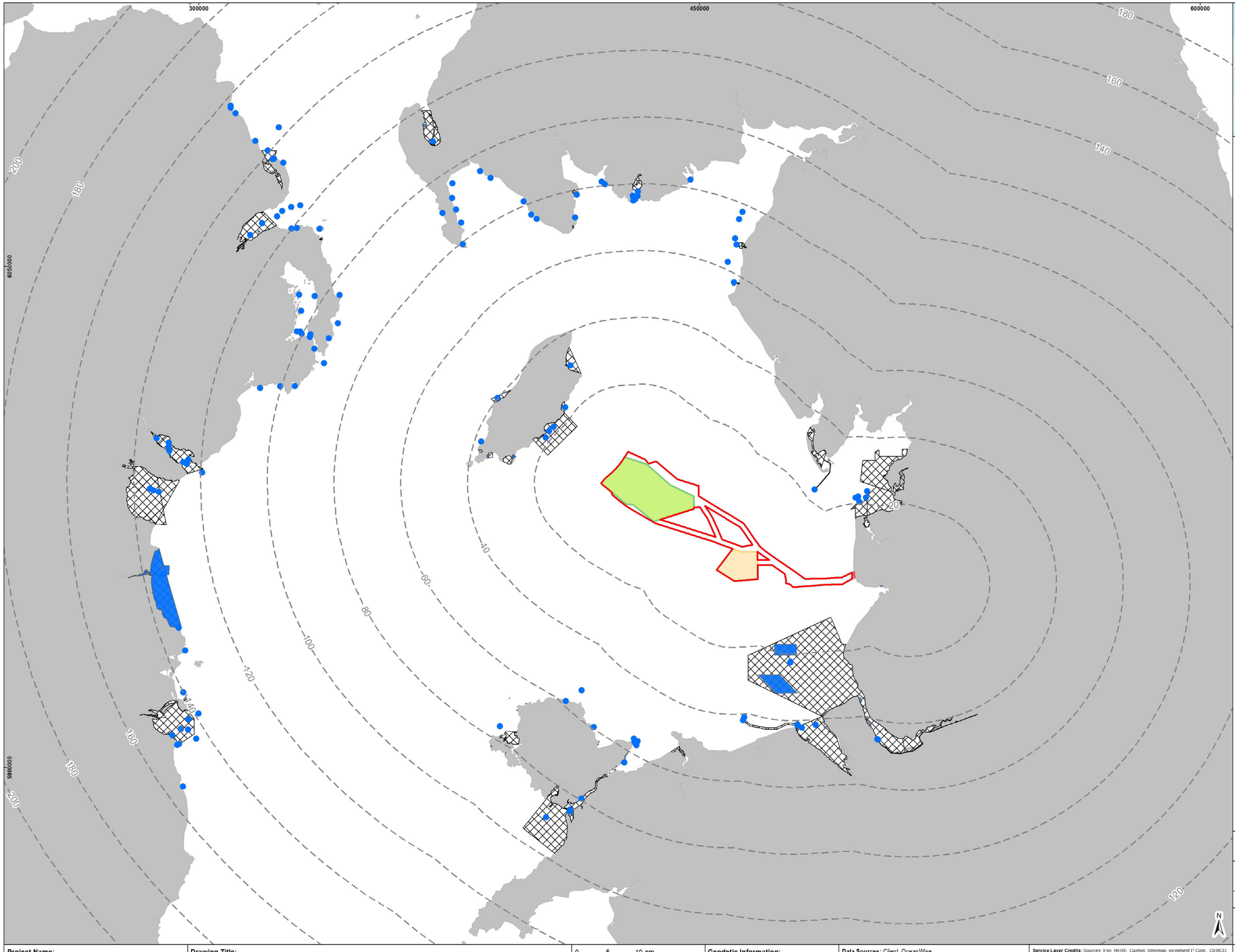
Appendix A: Offshore CEA long list and location map

Table A.1: Offshore Cumulative Effects Matrix - Anchorage - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Pilot boarding place	Anchorage	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Various pilot boarding places in the Irish Sea	41.0															Operational	Oceanwise	d	d	d	d	a	a	a	d	d	d	a
Anchorage areas	Anchorage	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Various anchorage areas in the Irish Sea	124.3															Operational	Oceanwise	d	d	d	d	a	a	a	d	d	d	a



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Anchorage and Pilot Boarding
- Harbour Authority

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure A.1

Drawing Number:
MC000037-CEA-001-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
ANCHORAGE AND SHIPPING AND NAVIGATION PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

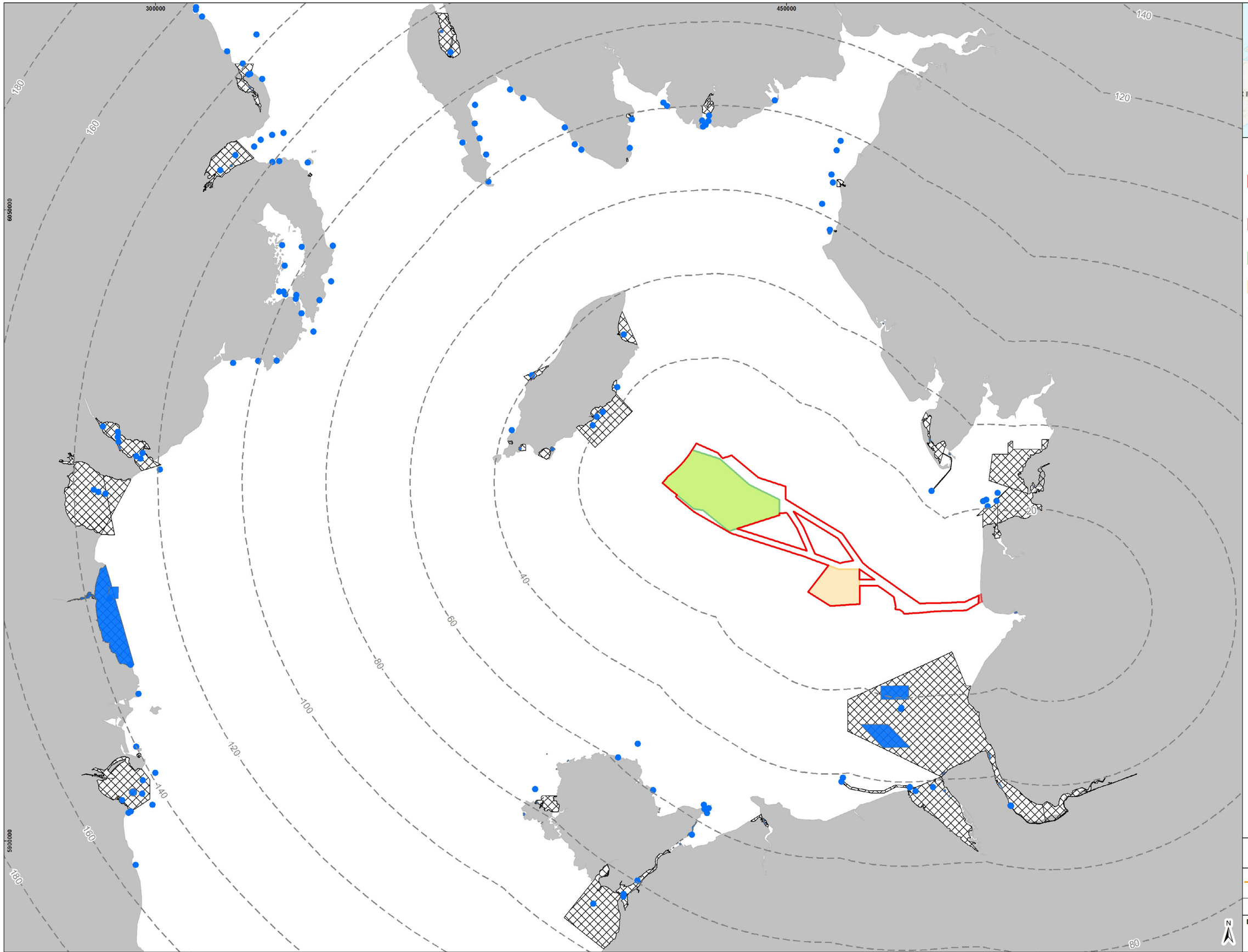
0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,000,000

Data Sources: Client, OceanWise

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Anchorage and Pilot Boarding
- Harbour Authority

MORECAMBE

Figure A.2

Drawing Number: MC000037-CEA-002-01

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: ANCHORAGE AND SHIPPING AND NAVIGATION PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, OceanWise

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Anglesey - Inland Sea	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussels	77.7														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	a	d	d	d	d	a
Anglesey - Red Wharf Bay	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Cockles	59.4														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	a	d	d	d	d	a
Burry Inlet	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussles	233.3														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	d	d	d	d	d	a
Conwy	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussles	51.6														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	a	d	d	d	d	a
Dee	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussles, Ensis spp, N Oysters, Tapes spp, Cockles, S Solida, M.Varia	39.1														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	a	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
IE_1050	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Ireland aquaculture site	124.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
IE_1094	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Ireland aquaculture site	128.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
Liverpool Bay - Wirral	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Poduction areas under Regulation (EU)2019/627	32.1														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	d	d	d	d	d	a
Lune	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627	16.6														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	d	d	d	d	d	a
Menai Straits - West	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussels	76.2														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	a	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Mersey	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU) 854/2004 - Effective from 1st sept 2016	30.3														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a
Morecambe Bay	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas	31.5														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a
Morecambe Bay - Roosebeck	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas	32.5														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a
Morecambe Roosebeck	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627: C.Edule, Mytilus spp, C gigas	27.4														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a
Ribble	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Classified as bivalve Mollusc Production areas under Regulation (EU)2019/627	0.8														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Silloth	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Shellfishery: Mussels, Cockles, and Pacific Oyster classification zones	85.9														Operational	CEFAS https://data.cefas.co.uk/view/79 https://www.cefas.co.uk/media/rcohosut/silloth-sanitary-survey-review-2014-final-table-issues-dj.pdf	d	d	d	d	d	d	d	d	d	d	a
Swansea	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Mussels	238.1														Operational	CEFAS https://data.cefas.co.uk/view/79	d	d	d	d	d	d	d	d	d	d	a
T01/004 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	128.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6	d	d	d	d	d	d	d	d	d	d	a
T01/008A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	128.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6	d	d	d	d	d	d	d	d	d	d	a
T01/009 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	128.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6	d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/012 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	128.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/018A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster, Manila Clam	125.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/018B (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster, Manila Clam	125.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/019 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	127.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/020 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	127.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/021 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	125.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/023A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	128.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/024 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	127.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/025A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	126.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/025C (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	124.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/026A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	126.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/029B (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	132.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/043A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	126.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/043B (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster, Manila Clam	127.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/043C (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	126.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/044A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	126.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/044B (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	127.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/050C (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	131.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/056D1 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Ireland aquaculture site	130.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/059A1 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	126.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/060A1 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	126.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/061A1(Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	133.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/064 (Knockbridge)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Sea Trout, Atlantic Salmon	147.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/066A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	132.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/070A1 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	132.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/071A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	129.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/072B1 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	128.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/074A2 (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Carlingford Lough aquaculture site	132.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/102A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	125.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/105A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	129.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T01/120A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Ireland aquaculture site	127.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T01/121A (Carlingford Lough)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pacific Oyster	125.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T29/002 (Rathvilly)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	206.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T32/003 (Annamoe)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	173.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T32/004 (Coatsbridge, Woodenbridge)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Rainbow Trout	189.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
T32/005 (Coatsbridge, Woodenbridge)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Rainbow Trout	188.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T32/012 (Aughrim)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Rainbow Trout	190.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
T32/027A (Clogga Bay)	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Blue Mussel	189.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/ https://atlas.marine.ie/#?c=53.9000:-15.9000:6		d	d	d	d	d	d	d	d	d	d	a
Three Rivers	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Cockles	226.8														Operational	CEFAS https://data.cefas.co.uk/view/79		d	d	d	d	d	d	d	d	d	d	a
UK_0008	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	85.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
UK_0011	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	45.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0012	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	31.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0014	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	78.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a
UK_0015	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	242.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a
UK_0016	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	66.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
UK_0020	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	79.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a
UK_0023	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	238.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a
UK_0030	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	32.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0032	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	England Aquaculture site	29.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0038	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Welsh aquaculture site	77.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	a	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
UK_0160	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Scotland aquaculture site	171.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0236	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Oysters, Pacific cupped oyster - Crassostrea gigas. Production method: Trestles or Trays	175.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0273	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Oysters: European Flat Oyster - Ostrea eduli. Production: Beds	112.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0740	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Freshwater Aquaculture: Trout and Salmon. Production: Egg, Fry and Fingerling. Production level: 4 Million fish annually.	124.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0766	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Freshwater Aquaculture: Trout and Salmon. Production: Egg, Fry and Fingerling. Production level: 4 Million fish annually.	122.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

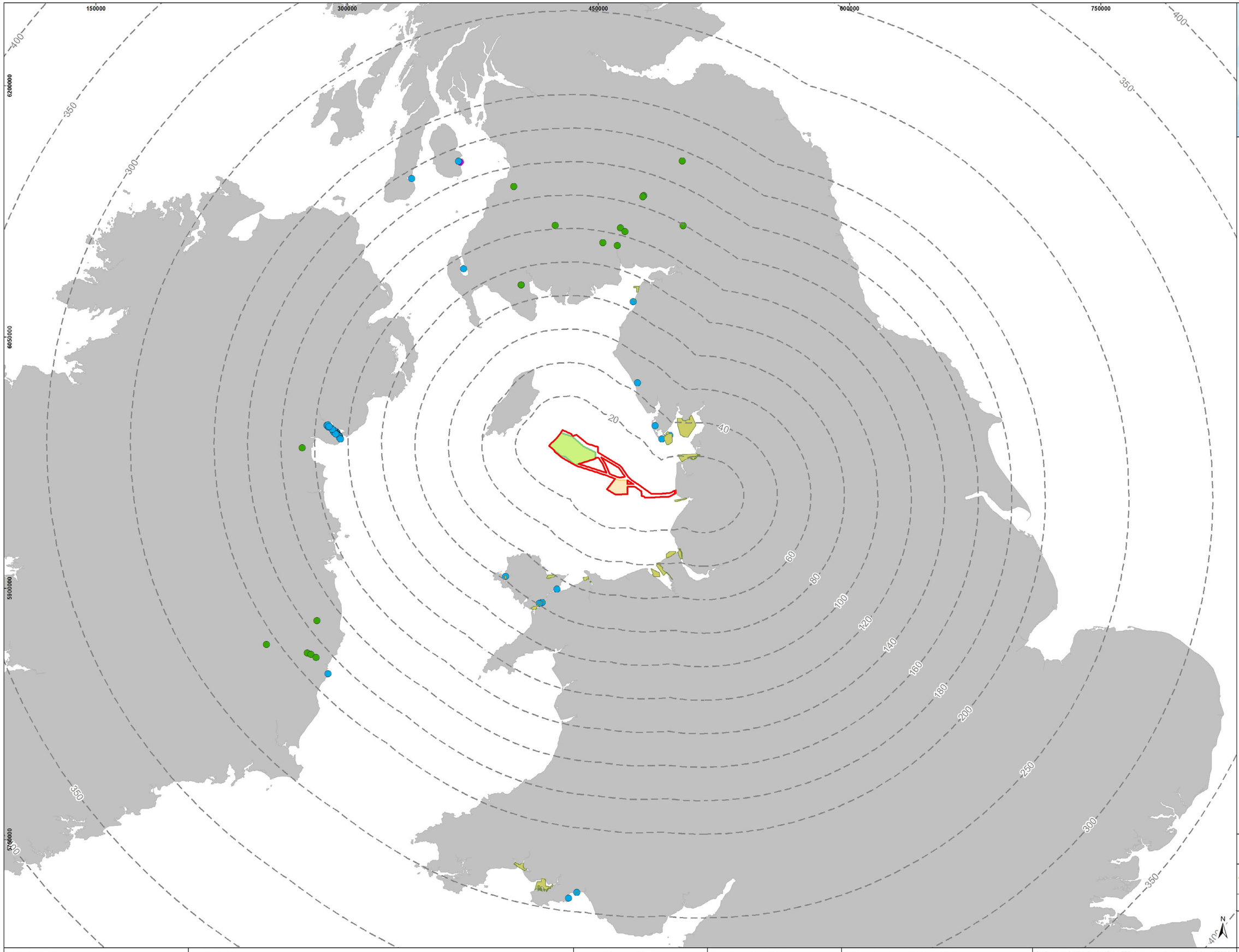
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
UK_0767	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Production: Sea Trout, Trouts, Smelts, Grow out for human consumption.	148.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0791	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Production: Atlantic Salmon (Various Stages), European Smelt (Various Stages), Brown Trout and Sea Trout	89.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0797	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Trout Aquaculture	122.2														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0801	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Trout farm based: supplying rainbow trout	139.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0802	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Atlantic Salmon Breeding Centre	113.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a

Table A.2: Offshore Cumulative Effects Matrix - Aquaculture - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
UK_0810	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Brood Stock, Hatchery in Ponds: Salmons, Trouts, Smelts	113.4														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0889	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Brood Stock, Hatchery in Ponds: Salmons, Trouts, Smelts	146.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0892	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Brood Stock, Hatchery in Ponds: Salmons, Trouts, Smelts	145.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0921	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Altantic Salmon, Salmons, Trouts, Smelts. Grow out for human consumption	90.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a
UK_0931	Aquaculture	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Sea Trout, Salmons, trouts, Smelts. Grow out for human consumption	174.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/		d	d	d	d	d	d	d	d	d	d	a



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Shellfish Aquaculture (CEFAS)
- Shellfish Aquaculture (Emodnet)
- Fresh Water Fish Aquaculture (Emodnet)
- Finfish Aquaculture (Emodnet)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure A.3

Drawing Number:
MC000037-CEA-003-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
COMMERCIAL FISHERIES PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

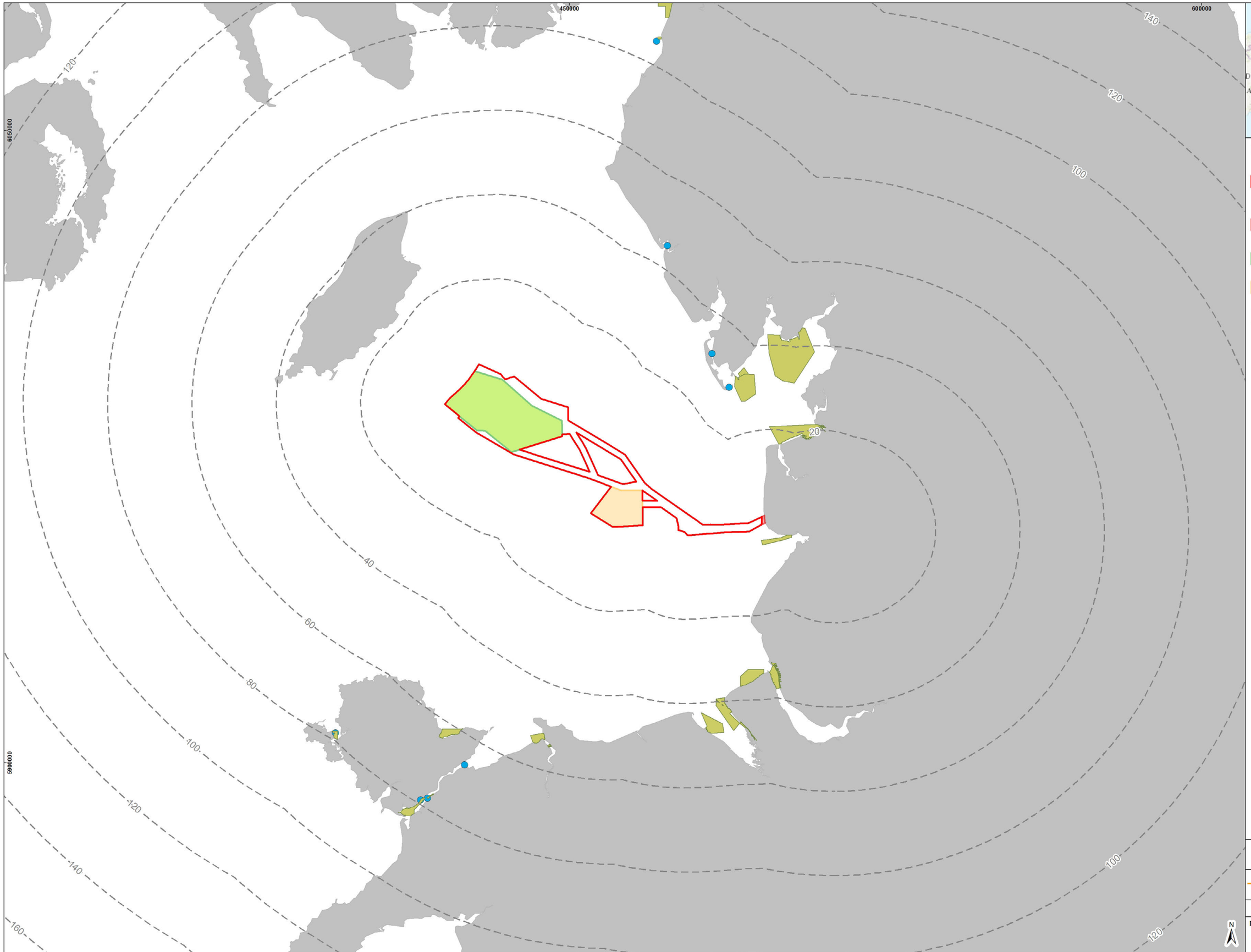
0 10 20 nm
0 25 50 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:2,000,000

Data Sources: Client, EMODnet, CEFAS

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Shellfish Aquaculture (CEFAS)
- Shellfish Aquaculture (Emodnet)
- Fresh Water Fish Aquaculture (Emodnet)

MORECAMBE

Figure A.4

Drawing Number:
MC000037-CEA-004-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
COMMERCIAL FISHERIES PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, EMODnet, CEFAS

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
ARDNEILL AND WIRRAL 2	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Western Link project consists of installing two 600 kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387 kilometers.	24.0														Operational	KIS-ORCA https://kis-orca.org/map/	d	a	a	a	a	a	a	a	a	d	a
ARDNEILL TO WIRRAL 1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Western Link project consists of installing two 600 kV DC submarine cables in the Irish Sea from Ardneil (Scotland) to Wirral (England).The cable has a total length of about 387km.	8.4														Operational	KIS-ORCA https://kis-orca.org/map/	d	a	a	a	a	a	a	a	a	d	a
BAINS TO MORECAMBE DP1 (PL1958)	Cables and Pipelines	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Gas Pipeline, Diameter: 8 Inches, Length: 8.309 Km, Description: Flexible flowline, Product conveyed: Gas and Condensate, Burial Status: Trenched and Buried	0.0														Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5 https://www.spirit-energy.com/media/1066/bains-decommissioning-programmes-final-1.pdf	f	f	f	f	f	f	f	f	f	d	f
BELFAST LOUGH CROSSING (BLC)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Belfast Lough Crossing Pipeline (BLC), a 24" 75bar rated steel transmission pipeline subsea pipeline running from Torytown AGI across Belfast Lough and terminating at Knocknagoney AGI.	127.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	d	d	d	d	a
BT-MT1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The fibre optic submarine telecommunications cable system BT-MT-1 became ready for service around 1990.The system has a length of 80km and is owned and/or operated by a consortium consisting of BT, Manx Telecom.	1.2														Operational	KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
BT-TE1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	BT telecommunications cable	82.0														Operational	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=5e09a70df4e04ef29534ac630b00ec50	a	a	a	a	a	a	a	a	d	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CALDER TO RIVERS ONSHORE TERMINAL (PL1945)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	CALDER TO RIVERS ONSHORE TERMINAL 24IN GAS LINE	0.0														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	a	a	d	a
CELTIXCONNECT	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The fibre optic submarine telecommunications cable system CeltixConnect became ready for service around January 2012. The system has a length of 136km and is owned and/or operated by Aqua Comms.	82.0														Operational	KIS-ORCA https://kis-orca.org/map/		d	a	a	a	a	a	a	a	d	d	a
CONWY TO DOUGLAS OIL EXPORT (PL2939)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain and confirmed as being 'accurate' .	Project type: Offshore oil field development. Location: east Irish Sea, UK.	14.6														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5 https://www.nsenergybusiness.com/projects/conwy-oil-field-development/		d	a	a	a	a	a	a	a	a	d	a
DALTON PLEM TO DALTON WELLHEAD R1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dalton gas field Pipe Line End Manifold to Dalton Wellhead	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	a	a	d	a
DALTON PLEM TO DALTON WELLHEAD R2	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dalton gas field Pipe Line End Manifold to Dalton Wellhead	0.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	a	a	d	a
DALTON PLEM TO DPPA	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dalton gas field Pipe Line End Manifold to North Morecambe Drilling and Production Platform	0.0														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
DALTON WELLHEAD R1 TO DALTON PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dalton gas field wellhead to Dalton Pipe Line End Manifold	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	a	a	d	a
DD-POA GAS EXPORT (PL1030)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Liverpool Bay Asset. Gas Export from Douglas. Length: 32.1km	23.9														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	a	a	a	a	a	a	d	a
DOUGLAS TO CACM (PL1031)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas to CACM Barge	7.8														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		a	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO CONWY CONDENSATE INJECTION	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Conwy condensate injection	14.6														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO CONWY UMBILICAL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Conwy umbilical cable	14.6														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO CONWY WATER INJECTION (PL2940)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Conwy water injection pipeline	14.6														Abandoned	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	a	a	a	a	d	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
DOUGLAS TO HAMILTON (PL1040)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to hamilton platform pipleine	19.8														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO HAMILTON NORTH	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Hamilton north pipeline	12.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO LENNOX CHEM LINE (PL1037)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Lennox chemical pipeline	12.2														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO LENNOX CHEM LINE (PL1038)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Lennox chemical pipeline	12.2														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
DOUGLAS TO LENNOX GAS LINE (PL1036A)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Douglas field to Lennox gas pipeline	12.3														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
EAST WEST INTERCONNECTOR	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The East West Interconnector is a 500MW High Voltage direct current submarine and subsoil power cable which connects the Irish and British Electricity markets. The project was developed by the Irish National grid operator EirGrid.	37.9														Operational	KIS-ORCA https://kis-orca.org/map/	d	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
EMERALD BRIDGE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The fiber optic submarine telecommunications cable system Emerald Bridge Fibres became ready for service around December 2012. The system has a length of 120km and is owned and/or operated by a consortium consisting of ESB Telecoms, Zayo Group.	87.5															Operational	KIS-ORCA https://kis-orca.org/map/ http://www.fiberatlantic.com/submarinecablemap/	d	d	d	a	a	a	a	a	d	d	a
EMERALD BRIDGE ONE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The fibre optic submarine telecommunications cable system Emerald Bridge Fibres became ready for service around December 2012. The system has a length of 120km and is owned and/or operated by a consortium consisting of ESB Telecoms, Zayo Group.	87.5															Operational	KIS-ORCA https://kis-orca.org/map/ http://www.fiberatlantic.com/submarinecablemap/	d	d	d	a	a	a	a	a	d	d	a
ESAT 2	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The fiber optic submarine telecommunications cable system ESAT-2 became ready for service around 2000. The system has a length of 245km and is owned and/or operated by Esat BT.	5.4															Operational	https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=5e09a70df4e04ef29534ac630b00ec50 KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
HAMILTON EAST PIPELINE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Hamilton east pipeline	12.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
HAMILTON EAST UMBILICAL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Umbilical pipeline for Hamilton east	12.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
HAMILTON TO DOUGLAS GAS LINE (PL1039)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Gas line from Hamilton to Douglas	19.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
HIBERNIA ATLANTIC SEG.A	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	EXA Atlantic (formerly GTT Atlantic, Hibernia Atlantic) is a 12,200 km private transatlantic submarine cable system in the North Atlantic Ocean, connecting Canada, the United States, Ireland and the United Kingdom. The EXA Altlantic consists of EXA South and EXA North cables.	0.0														Operational	KIS-ORCA https://kis-orca.org/map/ https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=5e09a70df4e04ef29534ac630b00ec50	a	a	a	a	a	a	a	a	a	d	a
HIBERNIA ATLANTIC SEG.C	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	EXA Atlantic (formerly GTT Atlantic, Hibernia Atlantic) is a 12,200 km private transatlantic submarine cable system in the North Atlantic Ocean, connecting Canada, the United States, Ireland and the United Kingdom. The EXA Altlantic consists of EXA South and EXA North cables.	2.5														Operational	KIS-ORCA https://kis-orca.org/map/ https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=5e09a70df4e04ef29534ac630b00ec50	a	a	a	a	a	a	a	a	a	d	a
INTERCONNECTOR 1 SCOTLAND TO IRELAND IC1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	UK-Ireland Interconnector, known as Interconnector 1 or IC1, is a gas pipeline running between Scotland and Ireland. A reverse flow, bi-directional development of the pipeline is proposed. Length: 204 km	53.0														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	a	a	d	d	d	d	d	a
INTERCONNECTOR 2 SCOTLAND TO IRELAND IC2	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	IC2 is a natural gas pipeline in Scotland and Ireland. The subsea pipeline is 195 km long and start in Ireland in the city of Gormanston. It ends up in Beattock, Scotland in Irish Sea, Europe(North).	49.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	d	d	d	d	d	a
IOM UK INTERCONNECTOR	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	It spans a distance of 104km (56 nautical miles) and is the world's longest AC power interconnector, linking the Isle of Man to the UK National Grid. Connects Isle of Man to Bispham on the Lancashire coast. Installed Sep 2000	0.0														Operational	KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
ISLE OF MAN CONTROL UMBILICAL (IOMCU)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	72.80mm hydraulic umbilical cable	38.9														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	d	d	d	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
ISLE OF MAN SPUR (IOMS)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	273.00mm gas pipeline	38.9														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	d	d	d	d	a
Isle of Man-UK Interconnector 2	Cables and Pipelines	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	A new 70 MW to 100 MW HVAC interconnector to be deployed by 2030 between Pulrose substation and northwest England Distribution network.	N/A														Pre-application	https://www.manxutilities.im/media/2538/wsp-report-summary-feb-23.pdf	c	c	c	c	e	e	e	c	c	d	a
LANIS 1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The system has a length of 113km and is owned and/or operated by Vodafone.	0.0														Operational	KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
LANIS 2	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The system has a length of 67km and is owned and/or operated by Vodafone.	42.0														Operational	KIS-ORCA https://kis-orca.org/map/	d	a	a	a	a	a	d	d	d	d	a
LARNE LOUGH CROSSING (LLC)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Larne Lough Crossing Pipeline (LLC), an 8" 19 bar rated steel transmission pipeline from Larne AGI subsea across Larne Lough to Curran Point PRS.	136.8														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	d	d	d	d	a
LENNOX TO DOUGLAS GAS LINE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Gas line from Lennox to Douglas	12.2														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
LENNOX TO DOUGLAS OIL LINE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	LENNOX PLATFORM TO DOUGLAS COMPLEX 16IN GAS LINE	12.3														Not in use	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	d	a	d	a
MANX-N.IRELAND	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Type: Telecom Company: BT Status: Active	39.5														Operational	KIS-ORCA https://kis-orca.org/map/	d	a	a	a	a	a	d	d	d	d	a
MaresConnect	Cables and Pipelines	Tier 3	High – third party project details published in the public domain and confirmed as being accurate by the developer.	MaresConnect is a proposed 750MW subsea and underground electricity interconnector system linking the electricity grids in Ireland and Great Britain.	34.4														Pre-application	https://maresconnect.ie/project/	d	c	c	c	c	d	c	d	c	d	c
MILLOM PLEM TO DPPA	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millom Pipe Line End Manifold to to North Morecambe Drilling and Production Platform	0.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM PLEM TO MILLOM WELLHEAD Q1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millon Pipe Line End Manifold to to Millom Wellhead	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM PLEM TO MILLOM WELLHEAD Q3 CHEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millon Pipe Line End Manifold to to Millom Wellhead chemical line	0.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
MILLOM PLEM TO MILLOM WEST	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millon Pipe Line End Manifold to to Millom West	0.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM WELLHEAD Q1 TO MILLOM PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MILLOM WELLHEAD Q1 TO MILLOM PLEM 8IN GAS	0.3														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM WELLHEAD Q2 TO MILLOM PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MILLOM WELLHEAD Q2 TO MILLOM PLEM 8IN GAS	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM WELLHEAD Q3 TO MILLOM PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MILLOM WELLHEAD Q3 TO MILLOM PLEM 8IN GAS	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MILLOM WEST TO MILLOM PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MILLOM WEST TO MILLOM PLEM 12IN GAS LINE	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE CPP1 TO DP3	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE CPP1 TO DP3 2IN LINE	0.0														Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	f	f	f	f	f	f	f	f	d	f

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
MORECAMBE CPP1 TO DP4	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE CPP1 TO DP4 2IN LINE	0.1														Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	f	f	f	f	f	f	f	f	d	f
MORECAMBE CPP1 TO DP6	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE CPP1 platform TO DP3 2IN LINE	0.3														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE CPP1 TO DP8	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE CPP1 platform TO DP8 2IN LINE	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE DP1 TO BAINS	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DP1 TO BAINS WELLHEAD CHEMICAL	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE DP3 TO CPP1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DP3 TO CPP1 24IN GAS LINE	0.0														Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	f	f	f	f	f	f	f	f	f	d	f
MORECAMBE DP4 TO CPP1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DP4 TO CPP1 24IN GAS LINE	0.2														Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	f	f	f	f	f	f	f	f	f	d	f

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
MORECAMBE DP6 TO CPP1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DP6 TO CPP1 24IN GAS LINE	0.0														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE DP8 TO CPP1	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DP8 TO CPP1 24IN GAS LINE	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE DPPA TO DALTON PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DPPA TO DALTON PLEM CHEMICAL	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
MORECAMBE DPPA TO MILLOM PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	MORECAMBE DPPA TO MILLOM PLEM CHEMICAL	0.0														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
NMT METHANOL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	NORTH MORECAMBE 3IN METHANOL	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
NMT TRUNKLINE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	NORTH MORECAMBE 36IN GAS TRUNKLINE	1.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
NorthConnect HVDC Cable	Cables and Pipelines	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The NorthConnect (also known as Scotland–Norway interconnector) is a proposed 665km 1,400 MW HVDC interconnector over the floor of the North Sea.	399.0															Under Construction	https://marine.gov.scot/ml/northconnect-hvdc-cable	d	d	d	d	d	d	d	d	d	d
POA-DD CONDENSATE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	3 INCH POA-DD CONDENSATE PIPELINE	1.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	a	a	d	a
POA-DD METHANOL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	3 INCH POA-DD METHANOL PIPELINE	23.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	a	a	d	a
RHYL-DPPA CONTROL/CHEM INJ UMBILICAL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	RHYL-DPPA IMPORT PRODUCTION FLEXIBLE PIPELINE	23.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
RHYL-DPPA IMPORT PRODUCTION FLEX PIPE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	RHYL-DPPA IMPORT PRODUCTION FLEXIBLE PIPELINE	1.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
RIVERS ONSHORE TERMINAL TO CALDER	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	RIVERS ONSHORE TERMINAL TO CALDER 3IN CHEMICAL	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

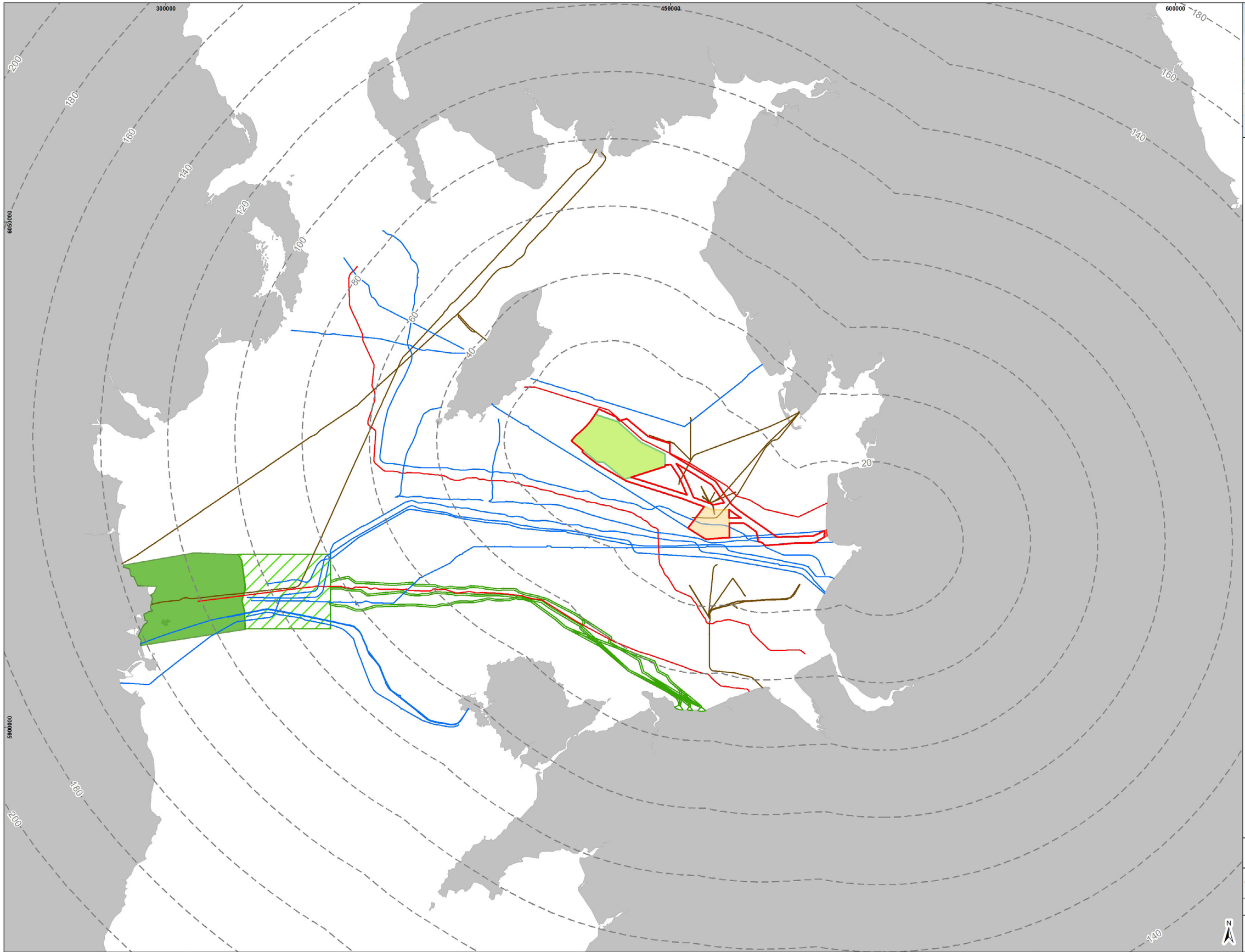
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
ROCKABILL	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Rockaill project (also know as Super Highway 1) is a new combination of submarine cable and terrestrial links that connect Dublin to London and Lowestoft, on the eastern coast of the UK. Cable Length: 221km. Owners: euNetworks. RFS: 2019 November.	1.7															Operational	KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
SCOTLAND TO N IRELAND PIPELINE (SNIP)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Scotland-Northern Ireland Pipeline is a 24in, 135km long natural gas pipeline which runs from Twynholm, Scotland to Islandmagee in Northern Ireland.	121.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	d	d	d	d	a
SIRIUS SOUTH	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Interconnector connecting Ireland and England. Cable Length: 219 km. Owners: Virgin Media	0.0															Operational	KIS-ORCA https://kis-orca.org/map/	a	a	a	a	a	a	a	a	a	d	a
SMT TRUNKLINE	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	SOUTH MORECAMBE 36IN GAS TRUNKLINE	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
SNIP Scotland – Northern Ireland pipeline (SNIP)	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Scotland-Northern Ireland Pipeline is a 24in, 135km long natural gas pipeline which runs from Twynholm, Scotland to Islandmagee in Northern Ireland.	123.7															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5 https://www.mutual-energy.com/gas/	d	d	d	d	d	d	d	d	d	d	a
WELLHEAD R2 TO DALTON PLEM	Cables and Pipelines	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	WELLHEAD R2 TO DALTON PLEM 8IN GAS LINE	0.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a

Table A.3: Offshore Cumulative Effects Matrix - Cables and Pipelines - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Western Isles to Mainland Scotland HVDC Interconnector	Cables and Pipelines	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The Western Isles HVDC connection is a proposed 1800MW HVDC submarine power cable to connect the Isle of Lewis to the Scottish mainland.	136.4													Under Construction	https://marine.gov.scot/ml/western-isles-mainland-scotland-hvdc-interconnector	d	d	d	d	d	d	d	d	d	d
CeltixConnect-2 (CC-2)	Cables and Pipelines	Tier 1	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Type: Telecom The Havhingsten cable system is a 940 km submarine cable system connecting the UK to the Nordics, with landings in Ireland, the Isle of Man, Blackpool and Newcastle in England, and Denmark.	0.0													Operational	KIS-ORCA https://kis-orca.org/map/ https://www.gov.ie/en/foreshore-notice/81926-celtix-connect-havhingsten-telecommunication-cable-dublin/?referrer=http://www.gov.ie/en/publication/5b49e-celtix-connect-havhingsten-telecommunication-cable-dublin/#determination https://opticalconnectionsnews.com/2022/03/havhingsten-subsea-cable-system-completed/	a	a	a	a	a	a	e	a	d	d	a



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Telecoms Cable
- Power Cable
- Pipelines
- Mares Connect Provisional Cable Routes (UK)
- No data source avaliable for reference
- Mares Connect (Irish FLA)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW Partners in UK offshore wind | bp | RPS A TETRA TECH COMPANY

Figure A.5

Drawing Number:
MC000037-CEA-005-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CABLE AND PIPELINE PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

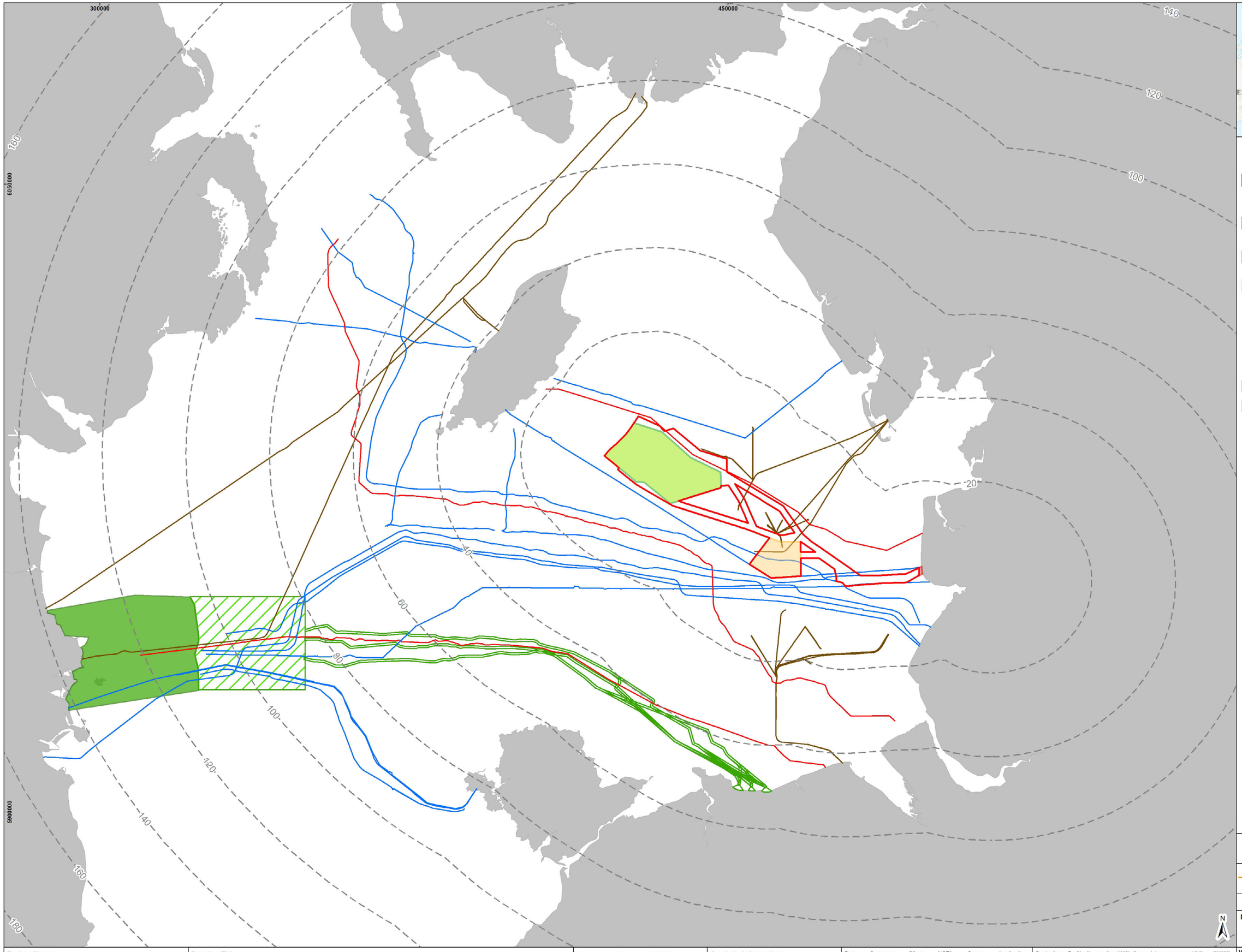
0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,000,000

Data Sources: Client, NSTA, Survey Application P2578_R6143_Rev1, Departmnet of Housing Local Government and Heritage Forshore Application FS007635

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Telecoms Cable
- Power Cable
- Pipelines
- Mares Connect Provisional Cable Routes (UK)
- No data source avaliable for reference
- Mares Connect (Irish FLA)

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure A.6

Drawing Number:
MC000037-CEA-006-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CABLE AND PIPELINE PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, NSTA, Survey Application P2578_R6143_Rev1, Departmnet of Housing Local Government and Heritage Forshore Application FS007635

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.4: Offshore Cumulative Effects Matrix - Coastal developments - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
304888: Dublin Port, off Jetty Road and Breakwater Road South, Terminal Road South, Alexandra Road Extension, Alexandra Road, Tolka Quay Road and Promenade Road, Dublin 1 and 3	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	15 year permission for development at Oil Berth 3 and Oil Berth 4, Eastern Oil Jetty and at Berths 50A, 50N, 50S, 51, 51A, 49, 52, 53 and associated terminal yards to provide for various elements including new Ro-Ro jetty and consolidation of passenger terminal buildings.	143.8																Operational	304888 | An Bord Pleanála (pleanala.ie)	d	d	d	a	a	d	d	d	d	d	a
Bare Beck Sea Wall Outfall Extension	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	This will make adjustments to the rock armouring including a small terminal groyne (breakwater/wall) which will minimise the movement of the shingle.	34.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00131	d	d	d	a	a	a	d	d	d	d	a
Belfast Flood Allevation Scheme	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	There will be a 215m stretch of in-river piling works required along the existing Ravenhill Quay Wall. The existing quay wall has visible structural impairments. Sheet piles will be installed at a distance of between 5-10m from existing wall and backfilling behind this will stabilise the quay wall. The scheme is split into five flood cells extending through various parts of the city; Lockview/Stranmillis, Ormeau, Ravenhill, Sydenham/East Belfast, Belfast Harbour/City Centre.	128.3																	Under Construction	https://www.daera-ni.gov.uk/publications/marine-licence-ml-1519-belfast-flood-alleviation-scheme	d	d	d	d	d	d	d	d	d	d	a
CBC1 W21050 Parton to Harrington Sea Wall No 3	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Parton to Harrington Sea Wall No. 3 is a 0.45km section of coastal defence. Preventative works are required to maintain the operational railway line and mitigate against a potential wash out. UTX needs to be repaired.	61.9															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00071	d	d	d	d	d	d	d	d	d	d	a

Table A.4: Offshore Cumulative Effects Matrix - Coastal developments - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CBC1/W670350 Nethertown - St Bees Sea Walls	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	It is proposed to reduce the height of the beach cliff by approximately 1m by removing material. It is also proposed to repair the existing stepped concrete and rock armour defence to the north of the unprotected section. This involves concrete repairs, the removal of the existing rock armour and the installation of new rock armour.	51.2														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00303	d	d	d	d	d	d	d	d	d	d	a
CBC2 W30150 Parton - Harrington Sea Walls No.5 (157998)	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Parton - Harrington Sea Walls No.5 is a 1.3km section coastal defence. The project's aim is to repair the existing sea defences to prevent further erosion and ensure the continued stability of the railway.	62.7														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00045	d	d	d	d	d	d	d	d	d	d	a
Construction of new berthing facilities at D3, Belfast Harbour	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Construction of new berthing facilities at D3 dock in Belfast Harbour for project cargo, break bulk, and dry bulk during the cruise ship off season	128.5														Operational	https://www.daera-ni.gov.uk/publications/marine-licence-ml-12215-berthing-facilities-d3	d	d	d	d	d	d	d	d	d	d	a
Cumbria Coastal Activities Centre Slipway	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Construction of a marine slipway to allow craft associated with the Activity Centre to access the beach and water from the quayside. The slipway will be approximately 38m long by 4.5m wide. The slipway is to be constructed of steel sheet piles, suitable fill material and a concrete deck as a result of the local conditions.	57.8														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00236	d	d	d	d	d	d	d	d	d	d	a
Dublin City Council Cycleway Ref No. FS006503	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Description: Construction of approximately 2km of segregated pedestrian and cyclist facilities.	146.8														Submitted but not yet determined	gov.ie - Dublin City Council - Cycleway (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d

Table A.4: Offshore Cumulative Effects Matrix - Coastal developments - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Dubmill Point Repairing of Groynes	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Cumbria County Council proposes to undertake a series of maintenance works to the existing coastal defences at Dubmill Point, near Allonby, Cumbria. The groynes require maintenance and repairs	86.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00036	d	d	d	d	d	d	d	d	d	d	a
Dun Laoghaire Harbour Company. Ref No. FS006713	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Foreshore Licence application for the provision and maintenance of existing moorings within Dun Laoghaire Harbour	148.9															Permitted but not yet implemented	gov.ie - Dun Laoghaire Harbour Company (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
Dun Laoghaire Rathdown County Council - Corbawn Lawn Ref No. FS006826	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Description: The proposed works involve the transport to site of rock across the foreshore at Corbawn Lane Beach Access, Shankill, Co Dublin	152.0															Operational	gov.ie - Dun Laoghaire Rathdown County Council - Corbawn Lawn (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Dun Laoghaire. Removal of the Linkspan FS006433	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Description: Foreshore application for decommissioning works to facilitate the removal of the Linkspan. It is proposed to dismantle the linkspan using a pontoon and harbour mobile crane. The linkspan will be separated for lifting ashore and then processed on shore by manually cutting the steelwork. The four piles supporting the restraining system are to be burnt off just above the seabed.	149.5															Operational	https://www.gov.ie/en/foreshore-notice/b4e28-stena-line/	d	d	d	d	d	d	d	d	d	d	a
Eastham Hydropower Project	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The proposal is to install two Archimedean Screws in the currently disused lock at Eastham.	46.1															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00429/2	d	f	f	d	d	f	d	d	d	d	a

Table A.4: Offshore Cumulative Effects Matrix - Coastal developments - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

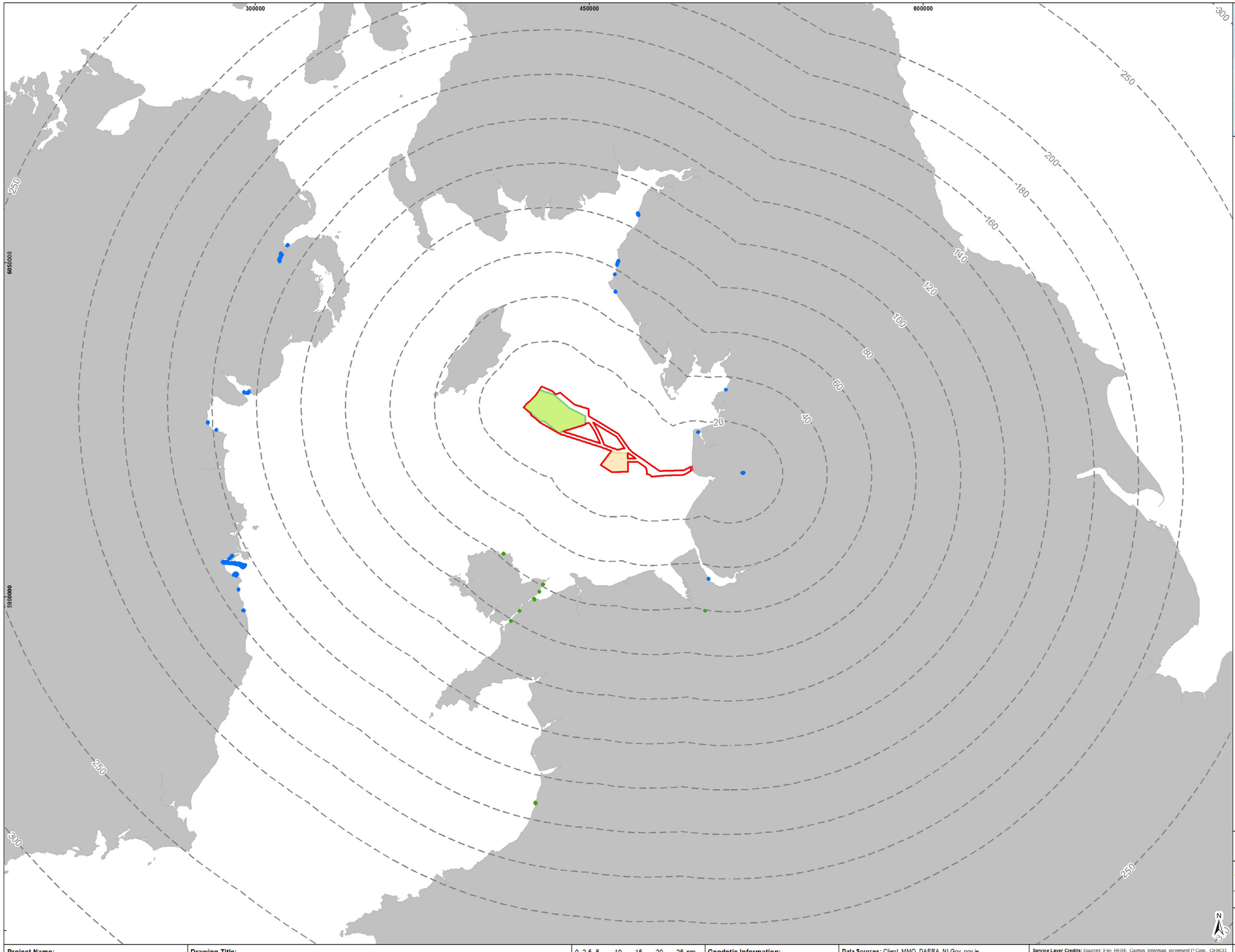
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Frazer Ferries Foreshore lease application for construction of a slipway and associated landing facilities for a Car Ferry Reg No. FS005705	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Description: Foreshore lease application for construction of a slipway and associated landing facilities for a car ferry	123.6															Submitted but not yet determined	gov.ie - Frazer Ferries Ltd (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
FS006806 Dublin Port Company Pontoon at Berth 50	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Description: Foreshore lease application for the provision of a new Pontoon at Berth 50 to accommodate Dublin Port Company Tug Boats	150.4															Operational	gov.ie - Dublin Port Company (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Network Rail - Parton to Harrington Sea Wall No.5	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Parton to Harrington Sea Wall No.5 is a 1.3km section coastal defence located between Parton and Harrington stations in Cumbria. The project's aim is to repair the existing sea defences to prevent further erosion and ensure the continued stability of the railway.	62.7															Submitted but not yet determined	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00456	d	d	d	d	d	f	d	d	d	d	d
Preston & South Ribble Flood Risk Management Scheme - Phases 1 and 2	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The main objective is to reduce the high level of flood risk to 4,778 properties (which includes 517 businesses) in Preston & South Ribble. The Scheme runs to the south of Preston City Centre, along a 4.5km stretch of the Ribble, extending upstream from Liverpool Road Bridge to Walton-Le-Dale. It also includes a 4km stretch of the Darwen from the confluence with the Ribble up to Higher Walton	2.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00353	d	f	f	a	a	f	d	d	d	d	a

Table A.4: Offshore Cumulative Effects Matrix - Coastal developments - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Project Neptune Natural Revetment	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Associated British Ports (ABP) Fleetwood is proposing to undertake works to a suspended quay and part of the dock walls in Fish Dock, Port of Fleetwood. The proposed works will involve the removal of the derelict suspended quay and sheet piled wall and the creation of an ecologically favourable landscaped revetment in its place.	14.9														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2020/00533	d	d	d	d	d	f	d	d	d	d	a
Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Integrated harbour/marina mixed development at Rathdown Upper and Rathdown Lower/Greystones Harbour and North Beach, Greystones, Co. Wicklow	155.4														Operational	308561 | An Bord Pleanála (pleanala.ie)	d	d	d	a	a	d	d	d	d	d	a
Revetmant Repairs, belfast	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	215m Stretch of in-river piling to prevent further collapse of Ravenhill Quay Wall. Installation of sheet piles.	127.7														Under Construction	https://www.daera-ni.gov.uk/publications/marine-licence-ml2021003-impounded-river-lagan-belfast	d	d	d	d	d	f	d	d	d	d	a
SID Ref: 306177: Seabank, Castlebellingham, Co. Louth and Salterstown, Annagassan, Co. Louth.	Coastal Developments	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Coastal protection works at two locations within the Dundalk Bay SAC and SPA.	138.5														Operational	306177 | An Bord Pleanála (pleanala.ie)	d	d	d	a	a	d	d	d	d	d	a
Royal Seaforth Dock	Coastal Developments	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Decommissioning and removal of five Vestas V44 turbines (maximum tip height of 75m) and the installation of four Enercon E138 turbines with a maximum blade tip of 180 m. New project, pre-application, EIA Scoping Opinion submitted June 2024 (E.ON UK Heat Ltd, 2024). See Table 1.6.	31.5															https://planning.org.uk/app/30/SF9TBXNW08N00/	d	d	d	c	d	d	d	d	d	d	d



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Coastal Developments
- Coastal Projects (Updated post submission)

Figure A.7

Drawing Number:
MC000037-CEA-017-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
COASTAL DEVELOPMENTS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

0 2.5 5 10 15 20 25 nm
0 5 10 20 30 40 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,500,000

Data Sources: Client, MMO, DAERA_NI.Gov, gov.ie

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

450000

2800000

20
40
60
80
60
80
60

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Coastal Developments
- Coastal Projects (Updated post submission)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS
Partners in UK offshore wind
A TETRA TECH COMPANY

Figure A.8

Drawing Number:
MC000037-CEA-018-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
COASTAL DEVELOPMENTS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 2.5 5 nm
0 5 10 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:500,000

Data Sources: Client, MMO, DAERA_NI.Gov, gov.ie

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Bridle Footbridge Replacement	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Bridle footbridge carries bridleway 37 and 79 along the south bank of the River Ribble crossing a tributary. The existing 12m span bridge was demolished following flood damage in February 2020. This scheme is for the replacement of this bridge. A 20m span, 3.5m wide bridge will be installed at a minimum of 1.3m higher than the pre existing.	2.7																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00271	d	d	d	f	f	f	d	d	d	d	a
CBC1 W16107 Leven Viaduct	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The Leven Viaduct site comprises two approach embankments on either side of Leven Viaduct span. This project is required to protect the railway embankment from further erosion to ensure the stability of the railway line. The works include a section of new stone armour, re-pointing and repairs to existing pitching.	45.7																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00432/1	d	d	d	d	d	f	d	d	d	d	a
CBC1 W170100 Threadlow Point Embankment	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The defence comprises an embankment variously protected by roughly dressed masonry pitching, rock armour and gabion baskets. Carry out essential repairs to enhance the resilience of the defence to maintain the upkeep of the asset and public safety.	46.7																Submitted but not yet determined	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00128	d	d	d	d	d	f	d	d	d	d	d
CBC1 W6158 Meathop Embankment	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Meathop Embankment is a sea defence between Arnside and Grange over Sand station. Areas with missing masonry or open joints will be raked out before being mortar filled to match the existing, the joints will be fully filled and trowelled off level with the pitching.	46.6																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00512	d	d	d	a	a	f	d	d	d	d	a

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CBC1 W630675 Calder Viaduct and Approaches	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The project's aim is to repair the existing defences to prevent further erosion and ensure the continued stability of the railway.	48.3														Abandoned	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00427			d	d	d	a	a	f	d	d	d	d	a
Devonshire Dock Quay	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	BAE Systems' site at Barrow-in-Furness is to be the subject of a major facilities investment programme over the next 10 years, known as the Site Redevelopment Programme (SRP).	31.2														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00238/3			d	d	d	a	a	d	d	d	d	d	a
Harbour reclamation	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Undertaking of marine development works comprising the reclamation of 2.6ha area of the harbour (including 1ha already consented in License 10/07/ML/2) and the construction of a 270m solid quay	45.6														Operational	Wales Marine Planning Portal (gov.wales)			d	f	f	a	a	f	d	d	d	d	a
Howley Weir	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The proposal comprises a single Archimedes screw turbine, a turbine house building, trash screening, access improvements, an electrical substation and underground cabling. The scheme is expected to generate a peak power output of 160 kW and an average annual energy production of 0.5 GWh.	41.0														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00537			d	d	d	d	d	d	d	d	d	d	a
Kirkby-in-Furness Down	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The project aim is to replace 388yds of running rails on one of the two sets of track at the location, which includes a small viaduct over a tidal channel known as Kirkby Pool.	44.3														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00537 https://www.renfin.eu/news/howley-weir-is-running/			d	d	d	d	d	f	d	d	d	d	a

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Lune Viaduct Spans 8 to 10	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Network Rail have instructed AmcoGiffen to provide a core report for the foundations of Piers 2 and 3 of the Lune Viaduct (SD 47150 62340) in order to prove foundation depths and the underlying material composition.	31.0														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00236	d	d	d	d	d	f	d	d	d	d	a
National Grid Transmission	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Type: Construction, Deposit, Removal , Annual Tonnage: N/A	96.6														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	a	a	d	d	d	d	d	a
Network Rail - Brantsy to Parton	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Repairs to Brantsy to Parton sea wall- a 1.65km long coastal defence located adjacent to the town of Whitehaven in Cumbria. The defence commences north of Whitehaven station and ends at Tanyard Bay, south of Parton station.	59.4														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00393/1	d	d	d	d	d	f	d	d	d	d	a
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Liverpool City Council proposes to construct a new Cruise Passenger Terminal at the existing Princes Jetty Site to cater for the year on year increase in passenger numbers since the opening of the existing cruise terminal in 2008.	36.0														Submitted but not yet determined	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00012	d	f	f	a	a	d	d	d	d	d	d
New Cruise Liner Terminal Construction at Princes Jetty Site, Liverpool - Application for Marine Management Licence	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Liverpool City Council proposes to construct a new Cruise Passenger Terminal at the existing Princes Jetty Site to cater for the year on year increase in passenger numbers since the opening of the existing cruise terminal in 2008.	36.0														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00012	d	f	f	a	a	d	d	d	d	d	a

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
The People's Project - Bramley-Moore Dock	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Everton Stadium Development Limited are applying to Liverpool City Council ('LCC') for full planning permission for the development of a stadium with associated facilities and infrastructure on the site of Bramley-Moore Dock (BMD), Regent Road, Liverpool.	34.5														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2020/00109	d	d	d	a	a	d	d	d	d	d	a
Walney Island Causeway Remedials	Construction	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The causeway connects Barrow in Furness with Walney Island. These works would include pre-fabricating 4 x reinforced concrete posts and 1 x 6ftx3ft concrete slab and storing them close off site until low tide so they can be installed at the appropriate time.	31.3														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00479	d	d	d	d	d	f	d	d	d	d	a
Penthyndeudraeth wast water treatment works - Final effluent outfall pipe repairs	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	To carry out repairs on behalf of Dwr Cymu Welsh Water on the existing 450mm Diameter Final Effluent Outfall pipe from Penrhyndeudraeth Waste Water Treatment Works on the sand bank at the Consented Discharge Point to the Afon Glaslyn.	96.6														Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2321&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d	d
Glan Y Mor Public Right of Way (PRoW) Footbridge Maintenance and Erosion Control	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The project aims to shutter off the area immediately in front of the east and west parapet of the Glan Y Mor PRoW bridge, and re-instate the concrete blocks using marine-grade concrete. Once set, the shuttering will be removed and up to 10m3 of scour protection boulders placed in front.	149.7														Completed	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2346&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d	d

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The marine licensable activities relate to the approximately 75 m in length bored section of pipe that will be installed using a trenchless crossing technique, either Horizontal Directional Drilling (HDD) or micro-tunnelling, to a minimum depth of 8 m below the riverbed of the River Dee between the MHWS mark on each bank.	61.2																Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2350&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d
Tidal door installation at Beeches outfall - River Dee	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Beeches Drain outfall forms part of the raised tidal defence (known as Hawarden Embankment) on the canalised section of the River Dee downstream of Chesterproposed to replace the outer flap valve with new side hung doors that are more efficient in discharging fluvial flows as well as improving the hydrological connectivity to intertidal areas which benefits fish passage. Further information is provided in the enclosed scope/method statement.	61.7																Completed	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2353&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d
Menai Shellfish	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The proposed works involve the removal/filling in of the manhole chamber (allowing for a pass-through pipe) and reline 20 m of downstream pipe.	66.9															Completed	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2421&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d
Afon Wen Sheet Pile Repairs	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Due to a large storm event, some of the sheet piles installed at Afon Wen sea wall have become dislodged, exposing a void within the concrete protection for the sea wall, and exposing Network Rail infrastructure. Sheets are to be reinstalled / repaired.	104.7															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2359&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Highway Flooding Reduction - H82 Station Road Deganwy, Station Road, Deganwy, Conwy	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	CCBC are undertaking maintenance work s to change the existing flap valves to red uce flooding to the highway at Station Road, Deganwy. The e xisting flap valves are to be replaced with a Duck Bill vave system. The existing flap valve is located on the beach near the Deganwy Quay est ate, the valve only accessed at low tide and is partially burie d by sand & silt.	53.0															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2370&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d
Highway Flooding R eduction H22 Morfa Drive Conwy	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	CCBC are undertaking maintenance work s to change the existing flap valves to red uce flooding to the highway at Morfa Drive, Conwy. The existi ng flap valve is located below a cantilever concrete slab below an existing footway next to Ysgol Abercon wy on Morfa Drive, Conwy. The existing fl ap valve is situated within a site of special scientific interest (S SSI) that is also affected by the tide	53.8															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2371&sortBy=Relevance&pageNumber=2	d	d	d	d	d	d	d	d	d	d
Garth (Bangor) Pier refurbishment	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Undertake the refurbishment of wind trusses on two phase of the pier superstructure – namely Repair or replacement of wind truss members, blast clean using reclaimed glass and re-paint. All the areas of work will be above MHWS and will be fully encapsulated No work will be undertaken to the supporting columns or piles	66.7															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2374&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Installation of navigational marker beacons, flap valves and concrete repairs at Rhos on Sea.	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Installation of navigational marker beacons, flap valves, and concrete repairs at Rhos on Sea.	49.9															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2430&sortBy=Relevance&pageNumber=6	d	d	d	d	d	d	d	d	d	d
Newport Transporter Bridge River Wall Works	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The site is located on both banks of the River Usk. The Visitor Centre is located on the Southern Distribution Road (SDR) or A48. The eastern approach to the bridge is via Stephenson Street, Newport passing the Orb Steel Works. The visitors centre works involve the construction of a new visitors centre. However, this CEMP is specific to the construction of the new retaining wall on the rivers edge. This will involve the installation of a piling matt, and installation of driven sheet piles to form a new wall.	241.6															Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=CML2408&sortBy=Date&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Living sea walls installation, Menai Strait	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The North Wales Rivers Trust are aiming to install Living Sea Wall panels onto modern walls throughout the Menai Strait are various locations on both the Gwynedd and Ynys Mon side.	59.1															Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=CML2441&sortBy=Date&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Living Sea Walls Amlwch Port	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Installing 594 living sea wall panels on the southern outer harbour seawall at Amlwch Port adding the texture and complexity required to improve biodiversity.	58.0														Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=CML2459&sortBy=Date&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date	d	d	d	d	d	d	d	d	d	d	d
Tees Conservancy Facility Relocation	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	MLA/2025/00083 PD Teesport (PDT) wish to relocate their Conservancy Facility from its current location at Vulcan Street further downstream on the River Tees so that it can provide enhanced berthing capabilities for the conservancy fleet, including PDT's new dredging vessel. The new location is situated on the southern bank of the Tees. Initial decision made 18th August - Status is granted (discharging conditions)	151.8														Permitted but not yet implemented	View application and documents - MCMS	d	d	d	d	d	d	d	d	d	d	d

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

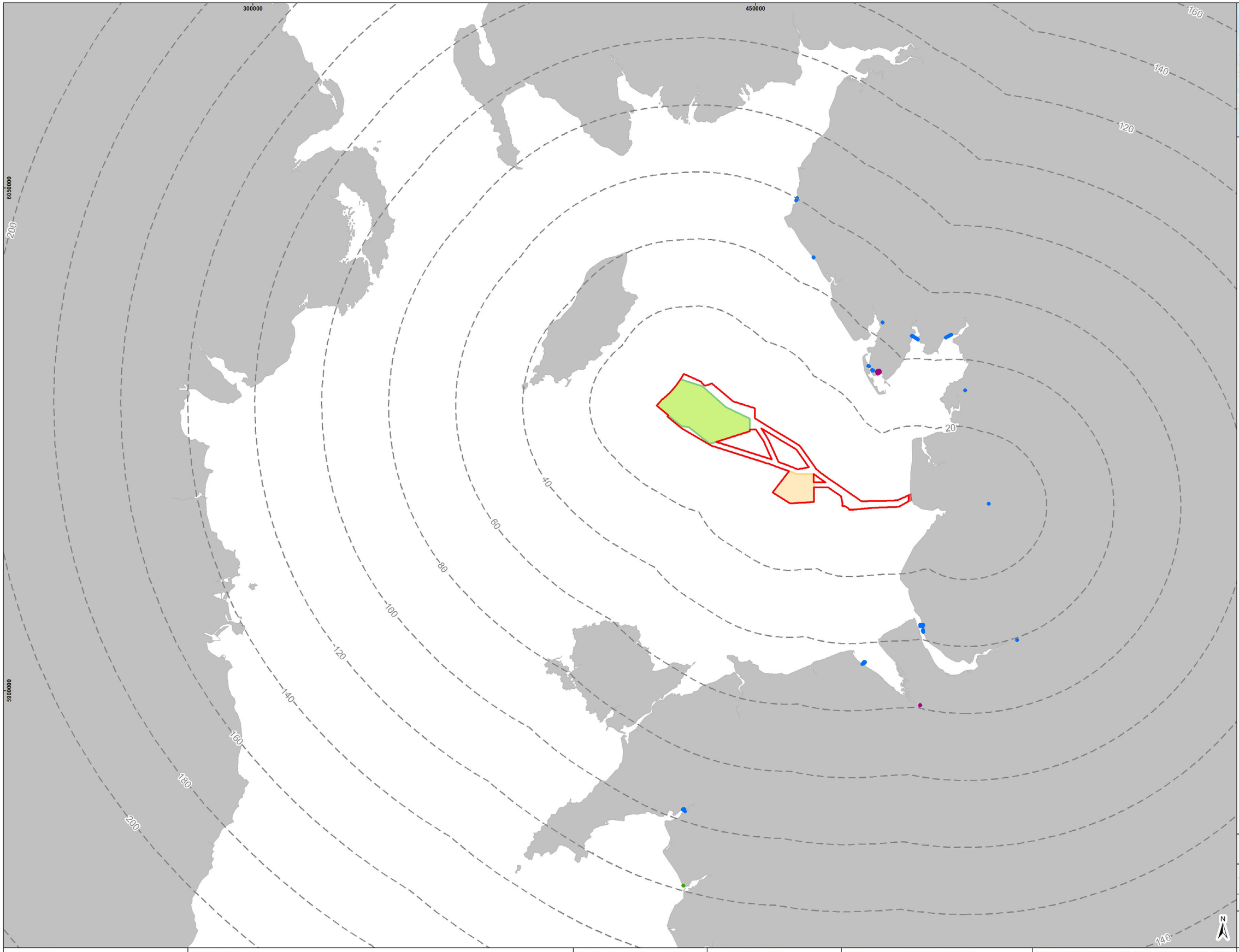
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Floating Solar Array, Cavendish Dock and adjacent land, ABP Port of Barrow, Barrow-in-Furness	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	MLA/2025/00086 Associated British Ports are proposing to construct a floating solar array with a capacity of 35-40 megawatts located on the Cavendish Dock at the Port of Barrow, Barrow-In-Furness. Associated infrastructure including a construction area and substation building will be located on land adjacent to the Cavendish Dock. License granted on 13th August 2025	31.6																Permitted but not yet implemented	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/		d	d	d	d	d	d	d	d	d	d
Holbeach AWR Target Replacement	Construction	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	MLA/2025/00159 RAF Holbeach is a remote firing range situated on The Wash, around 8 miles North-North-East of Holbeach village, Lincolnshire, approximately equidistant from Boston and King's Lynn. Target 10 will comprise of 2 re-purposed barges, each approximately 56.3 metres in length (LOA) and 11.3 meters beam. The project proposes positioning two new barges at a new location (target 10). The barges will be adapted off-site, brought in and allowed to ground.	238.3																Submitted but not yet determined	Case summary - MCMS	d	d	d	d	d	d	d	d	d	d	d
Eskside Wharf Refurbishment, Whitby	Construction	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	MLA/2025/00217 Eskside Wharf is in need of refurbishment, this will include installing new cantilever piling in front of the existing sheet pile wall. This project and the Eskside wharf are not a sea defence or of a sufficient scale nor potential to cause significant environmental impact and as such does not require an EIA as according to the Marine Works (Environmental Impact Assessment) Regulations 2007.	178.8																Submitted but not yet determined	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/	d	d	d	d	d	d	d	d	d	d	d

Table A.5: Offshore Cumulative Effects Matrix - Construction - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CML2453 - Skewen Flood Alleviation Scheme	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	works required for the Marine Licence application will involve construction of a new overflow structure (adjacent to the existing weir) on the Tennant Canal. The purpose of which is to discharge water from the canal and into the River Clydach in a flood event. Licence issued January 2025 but starts on the first of December 2025.	233.0															Permitted but not yet implemented	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2453&sortBy=Relevance	d	d	d	d	d	d	d	d	d	d
CML2461 - A494 River Dee Bridge Over-Slabbing	Construction	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	proposed project is an over slabbing scheme that is due to commence upon failure of the existing bridge deck. The purpose is to maintain full operation on the existing Queensferry crossing, until construction of a new bridge is complete.	59.5															Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=CML2461&sortBy=Relevance&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date	d	d	d	d	d	d	d	d	d	d



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Construction Projects
- Construction Projects (Updated post submission)
- Construction Projects (Updated post submission August 2025)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS
Partners in UK offshore wind | A TETRA TECH COMPANY

Figure A.9

Drawing Number:
MC000037-CEA-019-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CONSTRUCTION, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

0 2.5 5 10 15 nm
0 5 10 20 30 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,000,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

450000

5900000

60

80

20

40

60

80

60

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Construction Projects
- Construction Projects (Updated post submission August 2025)

N

MORECAMBE

EnBW Partners in UK offshore wind

Figure A.10

Drawing Number:
MC000037-CEA-020-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CONSTRUCTION, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 2.5 5 nm
0 5 10 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:506,870

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.6: Offshore Cumulative Effects Matrix - Deposit and Removals - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Hilbre Swash	Deposit and Removals	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Aggregates site agreements. Area: 21.851Km2	28.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::aggregates-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.013079%2C-1.121135%2C8.30	d	c	c	d	e	a	a	a	a	d	a
Liverpool Bay	Deposit and Removals	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Crown Estate area number: 457 - Aggregates site agreements. Area: 13.93Km2	24.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::aggregates-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.013079%2C-1.121135%2C8.30	f	f	f	d	f	f	a	d	f	d	a
Liverpool Bay – Aggregates Site Agreement	Deposit and Removals	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Crown Estate area number: 1808 - Aggregates site agreements. Area: 64.841Km2	9.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::aggregates-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.013079%2C-1.121135%2C8.30	f	f	f	d	f	f	a	d	f	d	a
Maryport South Beach, tidal deposit removals	Deposit and Removals	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	To protect the South pier structure by removing the build up of gravel/sand grit material away from site.	76.6															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2013/00005/3	d	d	d	a	f	f	f	d	d	d	a
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	Deposit and Removals	Tier 1	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Westminster Gravels will be renewing their aggregate extraction licence in Area 457 in Liverpool Bay. Their Environmental Statement is planned to be submitted in 2024.	2.4															Pre-application	Natural England https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/	c	c	c	d	d	e	a	d	d	d	d
Tidal Valve Clearance at RAF Valley.	Deposit and Removals	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	5-20 Tonnes of sand, shale and silt to be removed from the tidal valves and located further up the beach. To take place as frequently as required – circa 3-6 times per year.	81.7															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2339&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d	d

Table A.6: Offshore Cumulative Effects Matrix - Deposit and Removals - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
North Wales Wildlife Trust to perform Spinnies Aberogwen Outfall Clearance	Deposit and Removals	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Periodically it is necessary to clear debris and material deposited by currents in front of the tidal flap on the outfall of the culvert. The culvert drains the land behind including the Spinnies Aberogwen Nature Reserve and surrounding land and properties.	66.1															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=CML2373&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d	d
Emergency HW021 High Pressure Gas diversion under the River Towy.	Deposit and Removals	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	HDD under the river Towy to divert a section of leaking high pressure gas main.	216.8															Completed	https://publicregister.naturalresources.wales/Search/Results?searchTerm=DEML2342&sortBy=Relevance&pageNumber=1	d	d	d	d	d	d	d	d	d	d	d
Barmouth Beach Management	Deposit and Removals	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Programme to move accumulated sand from the area directly in front of the southern promenade sea wall in Barmouth twice a year. Sand will be deposited either in the dune area to the west of Ynys y Brawd causeway, or at the northern end of the promenade.	117.3															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=DEML2375&filters%5BSearchTerm%5D=DEML2375&pageNumber=1	d	d	d	d	d	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Aggregate Extraction from Bedwyn Sands	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maximum Annual Extraction: 250,000 Tonnes	243.0														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	d	d	d	d	d	a
Annual Maintenance Dredging Peel Harbour Isle of Man	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Capital harbour dredging and maintenance dredging extracting 400,000 m3 annually.	39.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.tynwald.org.im/business/opqp/sittings/Tynwald%2020142016/2016-PP-0106.pdf	d	c	d	d	d	a	a	d	c	d	a
Arklow Energy Limited Wicklow. Reg No. S0027-01	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Seabed levelling by plough dredging will take place in an area to the east of the turbines of the Arklow Bank Wind Park that is approximately 700m in length and 100m in width. Description of Activity: The accretion of sand around the bases of the Arklow Bank Wind Park is restricting access for maintenance vessels. Seabed levelling undertaken by plough dredging is therefore proposed in an area of the east of the turbines to redistribute this sediment.	175.9														Operational	Environmental Protection Agency (epa.ie)	d	d	d	d	d	d	d	d	d	d	a
Arklow Port maintenance dredging	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	The purpose of the dredging scheme is to maintain the depth of the Avoca Estuary and adjacent dock at low-water for the continued use of Arklow Port.	186.5														Submitted but not yet determined	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/foreshore-notice/f07ed-wicklow-county-council/	d	d	d	d	d	d	d	d	d	d	d
AYR BAY	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging of 7,000 tonnes	161.3														Operational	Marine Scotland https://marinescotland.atkinsgeospatial.com/nmpi/default.aspx?layers=712 https://marine.gov.scot/ml/marine-licence-maintenance-dredging-and-sea-deposit-ayr-harbour-07101	d	d	d	d	d	d	d	d	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Bar/Wedge -Derwent OSPAR area	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Port of Workington Maintenenace Dreging MLA/2019/00168	68.4														Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd	d	d	d	d	d	d	d	d	d	d	a
Boyne Estuary	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance Dredging of the commercial estuary of the River Boyne and seaward approaches at Drogheda Port. Partial reuse of dredged materials with remaining dredged materials to be dumped at sea under an EPA licence.	139.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/foreshore-notice/38923-drogheda-port-company-dredging-of-river-boyne/	d	d	d	d	d	d	d	d	d	d	a
Burford Bank	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Foreshore application in respect of maintenance dredging at various locations in Dublin Port for the years 2022 to 2029.	142.2														Submitted but not yet determined	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/consultation/b1e0e-fs007132-dublin-port-maintenance-dredging/ https://dublinportdredgingforeshoreconsent.ie/	d	d	d	d	d	d	d	d	d	d	d
Capital Dredging and Sea Disposal - Loch Ryan Port, Cairnryan	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredge of up to 1,472,600 wet tonnes	112.3														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://marine.gov.scot/ml/06758-capital-dredging-and-sea-disposal-loch-ryan-port-cairnryan	d	d	d	d	d	d	d	d	d	d	a
Carlingford Lough	Dredging Activities and Dredge Disposal Sites	Tier 2	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance Harbour Dredging, 2015. Extracted amount: 3774 tonnes. Sea disposal	113.8														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.daera-ni.gov.uk/publications/carlingford-lough-new-disposal-site-site-characterisation-report-and-site-characterisation-opinion	d	d	d	d	d	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Castletown Bay, Isle of Man	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Harbour Dredging, 1995, Sea Disposal. Extracted amounts: 249 tonnes	29.5															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	a	a	d	c	d	a
Catchpit	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Port of Workington Maintenenace Dreging MLA/2019/00168	68.4															Submitted but not yet determined	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd	d	d	d	d	d	d	d	d	d	d	d
Channel	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks	68.3															Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00250/1	d	d	d	d	d	f	d	d	d	d	a
Channel -Derwent OSPAR area	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Port of Workington Maintenenace Dreging MLA/2019/00168	68.3															Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd	d	d	d	d	d	d	d	d	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Conwy River	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance harbour dredging. 2015. Extracted amount: 2813 Tonnes	53.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php		d	d	d	d	d	a	a	d	d	d	a
Cross Beck Outfall - Cumbria	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Port of Workington Maintenenace Dreging MLA/2019/00168	86.1														Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd		d	d	d	d	d	d	d	d	d	d	d	a
Dee River	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Dredging. 2016. Extracted amount: 321693 tonnes. Sea disposal.	46.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php NRW Licence DML2001		d	d	d	d	d	a	a	d	c	d	a
Deganwy Maintenance Dredge	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Records of disposal volumes since 2009 show a total of 37,015 tonnes disposed at IS035 with annual averages of 6,169 tonnes	53.1														Operational	Wales Marine Planning Portal (gov.wales)		d	f	f	f	f	f	f	d	d	d	a
Disposal of dredged material from D3, Belfast Harbour	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Sea disposal of capital dredge material removed from a berthing pocket being created at D3	128.5														Submitted but not yet determined	https://www.daera-ni.gov.uk/publications/marine-licence-ml-15016-belfast-harbour-disposal		d	d	d	d	e	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Disposal of dredged material from Kilkeel Harbour	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Sea Disposal Licence for works in Kilkeel Harbour. The vessel to be used is a hopper dredger with bottom door discharge. Quantity for disposal within the period of this licence is up to 49999 metric tonnes	109.6															Under Construction	https://www.daera-ni.gov.uk/publications/ml2022002-kilkeel-harbour	d	d	d	d	d	d	d	d	d	d	d
Disposal of Glasson Dock Maintenance Dredging	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance dredging of silt in the enclosed dock at Glasson, using Grab and Hopper Barge or Grab Hopper Dredger, and disposal of dredged silt at the existing disposal site in the Lune Estuary. Dredging of up to 9,999m3 per year	24.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00405	d	d	d	d	d	a	a	d	c	d	a
Disposal of maintenance dredge from nav channels & berths in Fleetwood SHA	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Disposal of maintenance dredged material to maintain the navigational channel, docks and berths within ABP Fleetwood Statutory Harbour Authority Limits. Disposal at Morecambe bay Lune deep of up to 70,000m3 per year.	19.1															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00380	d	f	f	d	d	f	f	d	d	d	a
Douglas Harbour, Isle of Man	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Harbour Dredging, 2004, Sea Disposal. Extracted amounts: 1200 tonnes	22.7															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.im/news/2016/may/16/dredging-of-douglas-and-peel-harbours/	c	c	c	d	d	a	a	d	c	d	a
Dredge work at D3, Belfast Harbour	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Creation of a berthing pocket adjacent to D3 within Belfast Harbour by dredging 365,000m3 of material	128.6															Submitted but not yet determined	https://www.daera-ni.gov.uk/publications/marine-licence-ml-14916-belfast-harbour-dredge	d	d	d	d	e	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Dredging and disposal activities at Shell Island Lagoon	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dredge and dispose. Annual Tonnage: 4000 Tonnes	108.7														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	f	f	d	d	d	a
Dredging the approach to Canning Half Tide Dock	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging of silt from the lock gate entrance of the Canning Half Tide Dock to preser navigatable channel. Dredgin up to 5,000m3 per year.	37.2														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00495	d	f	f	f	d	f	d	d	d	d	a
Drogheda Port Company Reference Number: FS007028	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance Dredging of the commercial estuary of the River Boyne and seaward approaches at Drogheda Port. Partial reuse of dredged materials with remaining dredged materials to be dumped at sea under an EPA licence.	136.2														Operational	gov.ie - FS007028 Drogheda Port Company Dredging of River Boyne (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Dublin Port Company Ref No. FS006980	Dredging Activities and Dredge Disposal Sites	Tier 2	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dublin Port Company (DPC) need to carry out regular maintenance dredging of the navigation channel, basins and berthing pockets in order to maintain their advertised charted depths and hence provide safe navigation for vessels to and from the Port. This application is for DPC's maintenance dredging requirements to be carried out in 2020 and 2021.	141.6														Pre-application	gov.ie - Maintenance Dredging in Dublin Port (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
Dundalk Bay	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Foreshore licence application for Maintenance dredging	140.2														Submitted but not yet determined	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/consultation/0f460-dundalk-port-maintenance-dredging/	d	d	d	d	d	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Firth Of Clyde, dredge disposal site off Cloch Point	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredge of up to 81,746 wet tonnes	168.5														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://marine.gov.scot/ml/marine-licence-maintenance-dredging-and-sea-deposit-river-clyde-00009087 https://marine.gov.scot/sites/default/files/173842_upper_clyde_bpeo_august_2020.pdf	d	d	d	d	d	d	d	d	d	d	a
Heysham 1 & 2 dredging activities	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance at cooling water outflows for nuclear power station. Dredging of up to 150,000m3 silt and 6000,000m3 sand. Disposal of up to 28,000m3 per year.	28.4														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00073	d	d	d	d	d	a	a	d	d	d	a
Heysham 1 Power Station	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Heysham nuclear power station is operated by EDF Energy in Heysham, Lancashire, England. The site is divided into two separately-managed nuclear power stations, Heysham 1 and Heysham 2, both with two reactors of the advanced gas-cooled reactor (AGR) type.	28.4														Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd	d	d	d	d	d	f	d	d	f	d	a
Heysham Harbour and Approaches Maintenance Disposal License	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	To Apply for 10 renewal of maintenance disposal license for the approaches and harbour of Heysham Port. Dredging at Heysham harbour up to 356,714m3 of sand and 235,058m3 of silt. Dredging at the heysham approaches up to 293,764m3 of sand. Disposal of silt and sand.	24.1														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00183	d	d	d	d	d	a	a	d	c	d	a
Howth	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance Dredging, 2009, Sea Disposal. Extraction amount: 6400 tonnes.	140.4														Submitted but not yet determined	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/consultation/8dad4-howth-harbour-dredging/	d	d	d	d	e	d	d	d	d	d	d

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Kilkeel Harbour, disposal of dredged material	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Works consist of the disposal of dredged material from Kilkeel Harbour at designated DAERA disposal site “Kilkeel”.	116.7														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.daera-ni.gov.uk/publications/marine-licence-ml-1618-kilkeel-disposal-0	d	d	d	d	d	d	d	d	d	d	a
Lagan River Capital Dredge - disposal at Belfast Dredging’s Site C	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Disposal of approx. 55,235m3 of material (77,329 tonnes) from the impounded River Lagan.	128.6														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.daera-ni.gov.uk/publications/marine-licence-ml-3318-river-lagan-disposal	d	d	d	d	d	d	d	d	d	d	a
Liverpool Docks Maintenance Disposal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Disposal of maintenance dredge material for the Mersey estuary. Disposal of up to 36,000m3 for Seaforth dock, 240,000m3 for Canada dock, 102,000m3 for Gladstone dock, 18,000m3 for Langton dock, 15,000m3 for Sandon dock. Dredging of 200,000m3 at Seaforth dock, 80,000m3 at Birkenhead east float, 200,000m3 at Canada Dock, 30,000m3 at Huskisson dock, 50,000m3 at Langton dock, 15,000m3 at Sandon dock, 850,000m3 at Gladstone dock.	32.9														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00573/3	d	f	f	d	d	f	f	d	f	d	a
Liverpool Marina Maintenance Dredging - Sustainable Relocation of Dredged Material to the River Mersey	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance dredging for the Brunswick and Coburg dock. Dredging of up to 98,000m3	38.8														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2020/00492	d	d	d	d	d	a	a	d	c	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Loughor River Harbour - capital dredging	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Capital harbour dredging, 2007. Extracted amount: 37393 tonnes. Sea disposal	237.1														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php		d	d	d	d	d	d	d	d	d	d	d	a
Luce Bay disposal site	Dredging Activities and Dredge Disposal Sites		High – third party project details published in the public domain and confirmed as being accurate by the developer.	Disposal of dredge material at Luce Bay	96.7															Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.ospar.org/documents?v=6988		d	d	d	d	d	d	d	d	d	d	d	d
Lytham Main Drain tidal desilt	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Removal of silt and stone from tidal outfall. Removal of up to 100m3	1.1														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00301		d	f	f	d	f	f	f	f	f	d	d	a
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging to maintain navigation depths requried for the approach channel at Garston Docks. Dredging of the approach channel up to 171,873m3 per year. Dredging in the dock up to 63,461 m3 per year. Disposal of up to 355,000 per year.	42.9														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00250/1		d	f	f	d	d	f	f	d	f	d	d	a
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging to maintain navigation depths requried for the approach channel at Garston Docks. Dredging of the approach channel up to 171,873m3 per year. Dredging in the dock up to 63,461m3 per year. Disposal of up to 355,000 per year.	42.9														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00250/1		d	f	f	d	d	f	f	d	f	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Maintenance Dredging and Disposal of Garston Approach Channel and Garston Docks	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance dredging at the Port of Garston	43.5														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00250/1		d	f	f	d	d	f	f	d	f	d	a
Maintenenace dredging	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dredge and/or Disposal. Annual Tonnage: 2,700,000	45.6														Operational	Wales Marine Planning Portal (gov.wales)		d	f	f	d	d	f	f	d	f	d	a
Malahide Estuary	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Capital Dredging, Estuary Dredging, 1997, Extraction amount: 126485 tonnes	142.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/foreshore-notice/e772c-malahide-marina-village-ltd/?referrer=http://www.gov.ie/en/publication/5115b-malahide-marina-village-ltd/		d	d	d	d	d	d	d	d	f	d	a
Malahide Marina Village FS006731	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	A foreshore licence application for dredging using water injection methodology. Location:Malahide, Co Dublin	141.9														Operational	gov.ie - Malahide Marina Village Ltd (www.gov.ie)		d	d	d	d	d	d	d	d	f	d	a
Mersey Channel and River Maintenance Dredge Disposal Renewal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	This licence is for the disposal only of that material to four designated disposal sites: Mersey Mid river (IS120) 1,500,000m3 Mersey of Bromborough 2 (IS128) 8,000,000m3 Site Z (IS140) 21,000,000m3 & 1,350,000m3 Site Y (IS150).47,500,000m3&1,350,000m3.	14.1														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00202		d	c	c	d	d	a	a	d	c	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Port of Barrow maintenance dredging disposal licence.	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging is required to maintain the Port of Barrow and its approach channel at its advertised navigational depth for all vessels entering and leaving the port and in particular to allow the nuclear powered submarines which are constructed in Barrow to safely leave the port.	23.0															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00458/1	d	c	c	d	d	a	a	d	c	d	a
Port of Workington Maintenance Dredging 2019 -2029 (Renewal)	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging to maintain navigation depths requried for the Port of Workington. Dredging within the dock up to 66,000m3. Dredging of the Turning Basin up to 700,000m3. Dredging of the channel up to 800,000m3. Dredging of the bar/wedge up to 850,000m3. Disposal at Solway firth up to 153,000m3 per year, Disposal at Workington Anchorage up to 1,080,000m3 per year. Dredging of catchpit up to 50,000m3.	68.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00168	d	d	d	d	d	d	d	d	d	d	a
Port Talbot Maintenance Dredge	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Average 13,000 Tonnes 2000-2003	241.1															Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	d	d	d	d	d	a
Ribble Link Dredging	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Maintenance dredging along the Ribble Link Canal. Dredging of up to 30,000m3	0.1															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2020/00572	d	d	d	d	d	a	a	d	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Ribble River	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Harbour Dredging, 2009, Sea Disposal	1.3															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	a	d	d	a
RNLI Regional Maintenance	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Type: Construction, Deposit, Removal , Annual Tonnage: N/A Regional marine licence to undertake low impact maintenance works to RNLI operated lifeboat stations and associated slipways, berths and other infrastructure, and to RNLI beach lifeguard units and infrastructure.	54.3															Operational	Wales Marine Planning Portal (gov.wales) https://www.thenational.wales/announcements/public_notices/notice/11781.REGIONAL_MARINE_LICENCE_FOR_LOW_IMPACT_MAINTENANCE_WORKS/	d	d	d	a	d	a	a	d	d	d	a
Silloth Dredge Licence Renewal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Dredging and disposal at the Port of Silloth. Dredging of up to 90,000m3.	93.7															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00031	d	d	d	d	d	a	a	d	d	d	a
Solway Firth	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Dredging, 2016, Sea Disposal	76.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Usk River	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Dredging. 2016. Extracted amount: 100274. Sea disposal.	243.1															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php DML1624	d	d	d	d	d	d	d	d	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

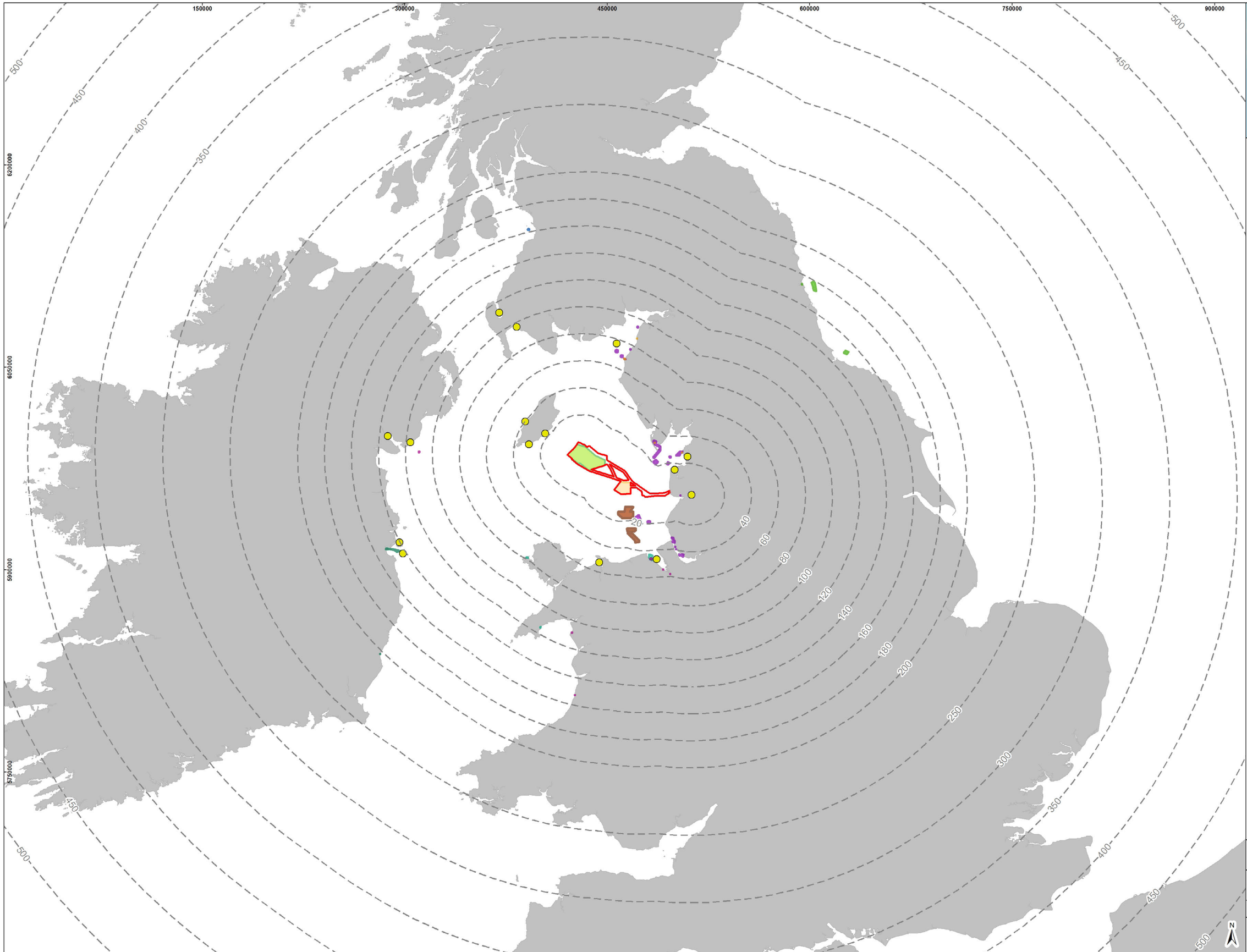
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Water injection dredge	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Deganwy Marina has been granted a licence by Natural Resources Wales to dredge up to 7,000m3 of silt per year.	152.5														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	f	d	d	d	d	a
West of Duddon Sands Pontoon Dredging Marine Licence	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Sedimentation can cause the pontoon edge adjacent to the harbour wall to be raised during spring low tides. The scope of the marine licence application covers dredging which will be required annually based on the current observed rates of accumulation.	30.3														Operational	MMO https://www.arcgis.com/home/webmap/viewer.html?url=https%3A%2F%2Fenvironment-test.data.gov.uk%2Farcgis%2Frest%2Fservices%2FMMO%2FExistingDredgeSitePolygonsMMO1190%2FMapServer&source=sd https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00371	d	d	d	d	d	a	a	d	d	d	a
Wexford County Council. Ref No. FS006403	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Foreshore licence application for maintenance dredging of the basin area	202.3														Operational	gov.ie - Wexford County Council - Courtown (www.gov.ie)	d	d	d	d	f	d	d	d	d	d	a
Wicklow Harbour	Dredging Activities and Dredge Disposal Sites	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Harbour maintenance dredging, 2014. Extracted Amount: 30171 tonnes. Sea disposal.	166.3														Submitted but not yet determined	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.gov.ie/en/foreshore-notice/f07ed-wicklow-county-council/	d	d	d	d	d	d	d	d	d	d	d
Wyre River	Dredging Activities and Dredge Disposal Sites	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Maintenance Dredging, 2016, Sea Disposal	15.0														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	a	a	d	d	d	a

Table A.7: Offshore Cumulative Effects Matrix - Dredging Activities - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Newquay Harbour Maintenance Dredge Disposal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Localised dredging within New Quay Harbour and associated beach nourishment works by means of land-based mechanical excavator at low tide.	178.3															Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Deganwy Marine Maintenance Dredge and Disposal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Maintenance dredging previously using water injection methods not proving successful under licence DML1942. New application is requesting use of cutter suction method.	53.1															Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Maintenance dredge at Tenby Harbour	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Tenby Harbour intend to carry out an annual land-based dredge at the mouth of the harbour in order to maintain safe navigation and chart datum. Project shall involve removal of sand deposits built up over the winter months and replenishment of the beach known as Tenby North Beach.	242.5															Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Ceredigion County Council to perform Aberaeron Harbour Maintenance Dredge Disposal	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Harbour basin is dredged annually to maintain access for boats. The dredged material is used locally to replenish South Beach.	173.4															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=DML2302&filters%5BSearchTerm%5D=DML2302&pageNumber=1	d	d	d	d	d	d	d	d	d	d	d
Maintenance Dredging at Swansea Yacht and Sub Aqua Club (SYSAC) Marina	Dredging Activities and Dredge Disposal Sites	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Maintenance Dredging at Swansea Yacht and Sub Aqua Club (SYSAC) Marina byinjection dredging between the Tawe Barrage and the Sail Bridge walkway.	238.1															Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=DML2448&sortBy=Date&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- EMODNet Maintenence Dredging Locations
- MMO Dredging Sites
- MS Dredging Sites
- Crown Estate Aggregates Site Agreements
- Irish Foreshore Applications
- UK Marine Licence Applications
- MMO Dredging Sites (Updated post submission)
- NRW Dredging Sites (Updated post submission)

MORECAMBE

EnBW | bp | RPS

Figure A.11

Drawing Number:
MC000037-CEA-007-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
AGGREGATE AND DISPOSAL PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

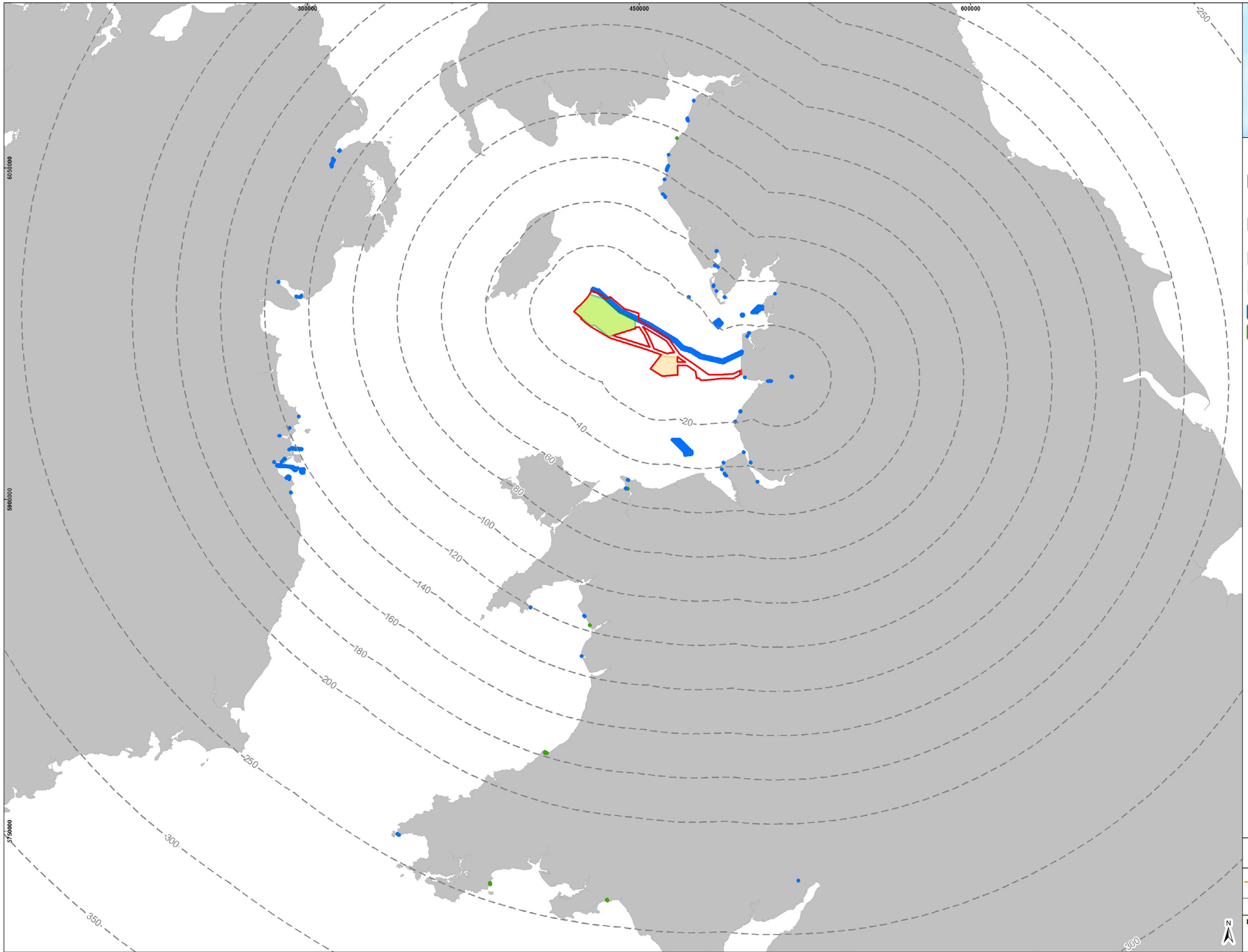
0 10 20 40 nm
0 25 50 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:2,500,000

Data Sources: Client, EMODnet, MMO, MarineScotland, TCE

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

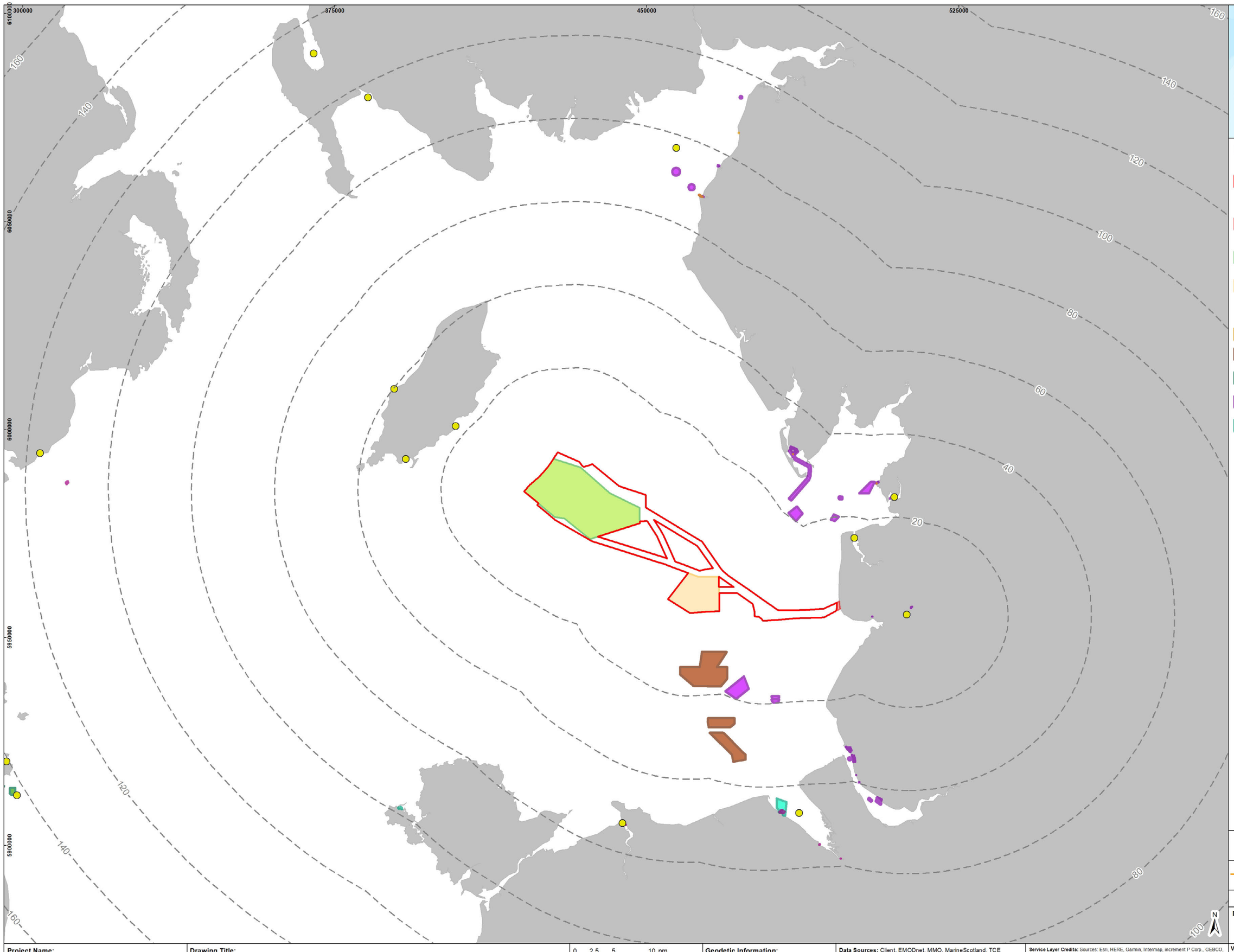
- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Coastal Projects
- Coastal Projects (Updated post submission)

MORECAMBE

Figure A.12

Drawing Number: MC000037-CEA-008-01

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** COASTAL AGGREGATE AND DISPOSAL PROJECTS PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA	0 10 20 nm 0 20 40 km	**Geodetic Information:** Datum: ETRS 1989 Projection: ETRS 1989 UTM Zone 30N Scale@379mmx231mm: 1:1,522,766	**Data Sources:** Client, MMO	**Service Layer Credits:** Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community	VER	DATE	DETAILS	BY	CHECK
						00	16/05/25	Initial Issue	NG	BM
						01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- EMODNet Maintenence Dredging Locations
- MMO Dredging Sites
- Crown Estate Aggregates Site Agreements
- Irish Foreshore Applications
- UK Marine Licence Applications
- NRW Dredging Sites (Updated post submission)

MORECAMBE

Partners in UK offshore wind

Figure A.13

Drawing Number:

MC000037-CEA-009-00

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
AGGREGATE AND DISPOSAL PROJECTS PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 2.5 5 10 nm
0 5 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, EMODnet, MMO, MarineScotland, TCE

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

450000

600000

6050000

5900000

140

120

100

80

60

40

20

Glasgow
Edinburgh
UNITED KINGDOM
Belfast
Leeds
Dublin
Manchester
Birmingham
WALES
Cardiff
London

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Coastal Projects
- Coastal Projects (Updated post submission)

N

MORECAMBE

Figure A.14

Drawing Number:
MC000037-CEA-010-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
COASTAL AGGREGATE AND DISPOSAL PROJECTS PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, MMO

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
ACOMMODATION PLATFORM AP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	ACOMMODATION PLATFORM AP1	0.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
Arley Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Arley Airstrip	47.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Ashcroft Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Ashcroft Airfield	64.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Bagby Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Bagby Airfield. An airfield in Yorkshire that is home to around 50 SEP planes and a few microlights.	108.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Ballyboughal Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Fingal, County Dublin, Ireland	144.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Ballyboy Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Opened in 1994, one 600m grass runway	180.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
BARROW-IN-FURNESS GAS TERMINAL	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	BARROW-IN-FURNESS GAS TERMINAL	32.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Baxby Manor Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Baxby Manor Airfield. Three grass runways. Flexwing and 3-axis aircraft. Flying club and flying lessons.	110.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Belfast City Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Single runway airport, one 1,829m asphalt	129.3														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Belfast Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Belfast Harbour is a major maritime hub in Belfast, Northern Ireland, handling 67% of Northern Ireland's seaborne trade and about 25% of the maritime trade of the entire island of Ireland.	124.1														Operational	Oceanwise	d	d	d	a	a	d	d	d	d	d	a
Belfast International Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Public Use Aerodrome Licence. Two asphalt runways, one 2,780m and one 1,891m	148.9														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Birmingham Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Birmingham Airport. Two terminals.	158.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Blackpool Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Blackpool Airport	0.0														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
BRAYMORE POINT TERMINAL	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	BRAYMORE POINT TERMINAL	138.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	d	d	d	d	a
Breighton Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Breighton Aerodrome. Private aerodrome primarily used for general aviation flying located on the former Royal Air Force Breighton	120.9														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Broadmeadow Way Greenway PL06F.304624 (FS006909)	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Fingal County Council proposes to develop the Broadmeadow Way, a new greenway (shared footpath and cycleway)	141.0															Operational	https://www.pleanala.ie/en-ie/case/304624	d	d	d	d	d	d	d	d	d	d	a
Bryngwyn Bach Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Situated nearby to Pant-y-dulaith Farm. One 880m grass runway	51.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Caernarfon Heliport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Search and rescue base, used by Bristow Helicopters.	87.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	D	a
Caernarfon Harbour Limit	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Caernarfon Harbour Trust harbour limits are bounded by the Menai Suspension Bridge and Caernarfon Bay. It is also the Competent Harbour Authority responsible for the provision of pilotage throughout the Menai Strait.	69.5															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
CALDER	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Calder platform	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
Cark Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Former Royal Air Force station	43.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Carlingford Lough Harbour Authority	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Harbour authority for Carlingford Lough	119.3															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Carlisle Lake District Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Carlisle has a CAA Public Use Aerodrome Licence that allows flights up to a maximum takeoff weight authorised (MTWA) of 12.5 tonnes.	121.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Carton Moor Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The airfield site is around 35 acres of open grassland mostly used for silage.	99.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Casement Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	southwest of Dublin, Ireland. One 1,463m asphalt runway, one 1,829m asphalt runway	167.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Castle Kennedy Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Only facility for General Aviation in the South West of Scotland. One active hard runway	104.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Castletown Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Castletown is a heritage harbour consisting of outer and inner drying harbours. It is mainly used by inshore fishing vessels, local and visiting pleasure craft and occasional coasters.	27.5															Operational	Oceanwise	d	a	a	d	d	a	a	d	d	d	a
Caunton Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Two grass runways	141.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
CENTRAL PRODUCTION PLTFM CPP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	PLTFM central production platform	0.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Chetwynd Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Former military grass airfield	105.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
City Airport Manchester	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Four grass runways. Not licenced for night flying.	38.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Coal Aston	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as Apperknowle Airstrip. The airfield is operated from an on-site farmhouse and prior permission is required for landing. Its single strip grass runway is 660m long.	100.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Coastal Monitoring Wave Buoy Network	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The national network of regional coastal monitoring programmes of England (NNRCMP) consists of 6 regional programmes who monitor coastal processes in support of coastal management and research.	15.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00109	d	d	d	a	a	a	a	d	d	d	a
Cockerham Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Cockerham Airfield is an airfield in Lancaster.	21.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Conwy Marina	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	500 pontoon berths	52.1															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
CONWY PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Conwy field development comprises three production wells, two water injection wells, and a Not Permanently Attended Installation (NPAI) platform.	14.6															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CORSEWALL POINT TERMINAL	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Terminal off Dumfries and Galloway	121.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	a	d	d	d	a
Coventry Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The airport is operated and licensed by Coventry Airport Limited. Its CAA Ordinary Licence (Number P902) allows flights for the public transport of passengers or for flying instruction	174.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Coverham	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Coverham airfield	82.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Crosland Moor Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A small privately owned airfield located 1.5nm (2.8km; 1.7mi) southwest of Huddersfield, West Yorkshire, in England.	62.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
DALTON PLEM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Dalton Pipeline End Manifold	0.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	a	a	d	a
Dee Conservancy	Infrastructure	Tier 1	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Dee Conservancy is the formal name given to a defined area for which Environment Agency Wales is the conservancy, harbour and local lighthouse authority. This area includes the River Dee and its estuary, extending from Wilcox Point downstream of the weir at Chester, seawards to an imaginary line linking the Point of Ayr on the Welsh coast to Hilbre Point on the Wirral	39.3															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Derby Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A small privately owned grass airfield situated between the Derbyshire villages of Egginton and Hilton, in the East Midlands of England. Derby Aerodrome has a CAA Ordinary Licence (Number P785) that allows flights for flying instruction as authorised by the licensee	123.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Derbyhaven Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A shallow water bay sheltered by an island breakwater, Derbyhaven's southeast position makes it ideal for leisure craft, but not suitable for commercial vessels.	26.7															Operational	Oceanwise	d	a	a	d	d	a	a	d	d	d	a
Derryogue Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Derryogue, Northern Ireland. Also known as Kilkeel	119.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Dishforth Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A Royal Air Force/British Army station in North Yorkshire, England.	97.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Donaghadee Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Ards and North Down Borough Council. Leisure and fishing port	110.9															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Doncaster Sheffield Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as Robin Hood Airport. Commercial airport	119.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
DOUGLAS DA	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	DOUGLAS DA	23.7															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
DOUGLAS DP	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Douglas drilling platform	23.7															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
DOUGLAS DW	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Douglas drilling well	23.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
Douglas Harbour Vessel Control Limit	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Douglas Harbour Vessel Control Limit	16.9															Operational	Oceanwise	d	a	a	d	d	a	a	d	d	d	a
DP4 PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe Gas DP4 PLATFORM	0.6															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
DP6 PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe Gas DP6 PLATFORM	1.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
DP8 PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe Gas DP8 PLATFORM	2.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
DRILLING PLATFORM DP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe Gas DP1 drilling platform	0.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
Drogheda Port Company Pilotage District	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Drogheda Port Company Pilotage District	132.7															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Dublin Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	United States border preclearance services are available. One concrete runway (3,110m) and two asphalt runways (2,637m and 2,072m)	149.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Dublin Port Company	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Dublin Port Company is a State-owned commercial company responsible for operating and developing Dublin Port. Dublin Port is the largest freight and passenger port in Ireland with all cargo handling activities carried out by private sector companies operating in intensely competitive markets within the Port.	140.8															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Dublin Port Company MP2 Project	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore application in respect of the construction of a new Ro-Ro Jetty (Berth 53), the re-orientation of the already consented Berth 52, the lengthening of Berth 50A, the redevelopment of Oil Berth 3, the construction of passenger terminal buildings and a heritage zone, dredging and ancillary site works.	141.6															Operational	gov.ie - Dublin Port Company MP2 Project (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Dun Laoghaire Bath refurbishment Ref No. FS005832	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore lease application for the refurbishment of the dilapidated baths site	149.6															Operational	gov.ie - Dun Laoghaire Rathdown Co Co - Baths (www.gov.ie)	d	d	d	a	a	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Dundalk Port Company	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Dundalk is a small port near the mouth of Castletown River, equidistant between Dublin and Belfast. Traffic figures: Approx 350,000t of cargo and 200 vessels handled by the port annually. Dundalk Port Company.	126.4															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Dundalk Port Company Pilotage District	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Dundalk Port Company Pilotage District	130.8															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
DUNROD POINT	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	DUNROD POINT	77.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	a	d	d	d	a
East Midlands Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	International airport	138.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Eastbach 'Spence' Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Eastbach 'Spence' Airfield	211.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Elvington Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A former Royal Air Force station which operated from the beginning of the Second World War until 1992	117.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Falgunzeon Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Operated by Dumfries & District Gliding Club	96.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Fingal County Council. Ref No. 301458	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Construction of a storm water outfall to facilitate a residential development and public infrastructure	143.3															Operational	gov.ie - Fingal County Council (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Fishburn Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A small grass strip airfield in Fishburn	133.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
FLARE TRIPOD	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	FLARE TRIPOD	0.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
Full Sutton Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Full Sutton Airfield is an unlicensed aerodrome located 8nm east of York in the East Riding of Yorkshire	126.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Garlieston Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Garlieston Harbour is the base for a few small fishing vessels with several pleasure craft also mooring in the harbour area.	78.7															Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Glasgow Prestwick Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	International airport serving the west of Scotland. One 2,986m concrete/asphalt runway, one 1,905m asphalt runway.	160.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
GLEN MOOAN	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	19km pipleine to supply natural gas to existing Manx Gas customers in Kirk Michael, Ballaugh and Ramsey.	38.1															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5 https://www.manx.net/isle-of-man-news/2318/natural-gas-pipeline-in-the-north-complete	d	a	a	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Gloucestershire Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Its operator claims it to be Gloucestershire's largest general aviation airfield, and it is regularly used for private charter flights to destinations such as Jersey and Guernsey.	209.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Glyn Neath	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as Rhigos airfield.	221.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Gormanston Airbase	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Used extensively for Air to Ground Firing and local army activities	139.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Gypsy Lane Helipad	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Helicopter landing site	50.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
HAMILTON	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Hamilton gas platform	20.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
HAMILTON EAST MANIFOLD	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Hamilton east Pipeline end manifold	16.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	a	a	a	a	a	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
HAMILTON NORTH	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Hamilton north gas platform	12.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	d	a	a	d	a	d	a
Hawarden Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Near Hawarden in Flintshire, Wales. 4 miles southwest of Chester. One 2,042m asphalt/concrete runway	62.0														Operational	RPS Internal Dataset		d	d	d	d	d	d	a	d	d	d	a
Hexham	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Hexham airfield	137.4														Operational	RPS Internal Dataset		d	d	d	d	d	d	d	d	d	d	a
Heysham Port	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Heysham Port	23.8														Operational	Oceanwise		d	d	d	d	d	a	a	d	d	d	a
Holly Meadow Farm Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Holly Meadow Farm Airstrip is an aerodrome in Derbyshire. Holly Meadow Farm Airstrip is situated nearby to Brook Farm	109.5														Operational	RPS Internal Dataset		d	d	d	d	d	d	d	d	d	d	a
Holyhead Deep Project , Safety Zone Application	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Safetly zone application for the Minesto deep tidal site	86.2														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00097		d	d	d	a	a	a	a	d	d	d	a
Holyhead Deep Project , Safety Zone Application	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A commercial and ferry port in Anglesey, Wales, handling more than 2 million passengers each year.	74.8														Operational	Oceanwise		d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Howth Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Fishing village harbour	140.2															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Howth Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Fishing village harbour	139.8															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Husbands Bosworth Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A former Royal Air Force station near the village of Husbands Bosworth	184.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Ince Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Three grass runways	22.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Inner Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Inner Harbour	57.8															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Irish Water - ArklowRef no. 300304 (FS006614)	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for marine site investigation works associated with the construction of a proposed waste water treatment plant in Arklow	183.6															Submitted but not yet determined	gov.ie - Irish Water - Arklow (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
ISLAND MAGEE TERMINAL	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	ISLAND MAGEE TERMINAL	136.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	a	d	d	d	a
Isle of Man	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as Ronaldsway aiport. Main civilian airport on the IoM. One 2,110m asphalt/concrete runway and one 1,255m asphalt runway.	28.4															Operational	RPS Internal Dataset	d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Isle of Whithorn Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Dumfries and Galloway,. There is no active management of vessel movements. High commerical fisheries importance. Pleasure craft	68.8															Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Kilkerran	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	One 830m grass runway. 6nm east of Turnhouse town centre	139.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Kirkbride Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Owned and maintained by Solway Light Aviation Ltd in the Lake District	102.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Lancaster Port	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lancaster Port . located at the mouth of the River Lune on the NW coast of England. The port has one dock and a number of river berths with a total quayage of 598m. These facilities accommodate small coastal general cargo and bulk vessels.	16.8															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Langar Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A former Royal Air Force station located near the village of Langar	155.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Laxey Bay Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A small port on the east coast half way between Douglas and Ramsey. It is used by a small number of leisure craft and inshore fishing vessels.	22.4															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Ledbury Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The single grass runway is 830m long	194.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Leeds Bradford International Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	International airport	73.2														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Leeds East Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The airfield was originally a Royal Air Force station known as RAF Church Fenton. Now licenced for private use	102.9														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Leeds Heliport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Heliport near leeds	73.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Leicester Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Allows flights for the public transport of passengers or for flying instruction as authorised by the licensee. No public transport services.	170.6														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
LENNOX	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Lennox oil platform	12.2														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
Little Strickland	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Two grass runways	89.0														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Liverpool 2 and River Mersey Approach Channel Dredging	Infrastructure	Tier 1	High – third party project details published in the public domain and confirmed as being accurate by the developer.	Marine licence for a new ferry terminal and associated infrastructure. Infill of dock area of 20,000m3 for West waterloo dock and 4,000m3 for Princes half-tide dock. Installation of linkspan bridge and floating pontoon. Installation of passenger access system. Berthing dolphin (including access walkway & pile). Installation of retaining wall structure. Partial removal of West Waterloo Dock gate. General repairs and maintenance to dock walls. Disposal of dredge material .	14.1																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00536/8	d	c	c	d	d	a	a	d	c	d	a
LIVERPOOL BAY BUOY: KFB 07/2012	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	LIVERPOOL BAY BUOY: KFB 07/2012	22.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
LIVERPOOL BAY SMART BUOY KFB20/2012 AREA5	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	LIVERPOOL BAY SMART BUOY KFB20/2012 AREA5	22.4															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	d	a	a	d	a	d	a
Liverpool John Lennon Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Liverpool intertnational airport	45.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Llaneli Air Ambulance	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Wales air ambulance charity	290.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Loch Ryan Port	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Loch Ryan Port is operated by Stena Line Ports Ltd., who are the statutory Harbour Authority.	115.7														Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Loch Ryan/Stranraer Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Stranraer Harbour is one of the busiest ports in the region due to ferry traffic and fishing vessels.	108.3														Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
LOUGHSHINNY	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	LOUGHSHINNY paltform	134.4														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	d	d	d	d	d	a
Manchester Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Manchester intertnational airport	53.0														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Manchester Ship Canal	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Manchester Ship Canal is one of the UK's most vibrant trading hubs. Running from the Mersey Estuary into the heart of Manchester, it is a 36-mile-long seaway supporting a range of industries.	40.2														Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Mill Farm Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	One grass runway	128.6														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
MILLOM EAST PLEM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millom east Pipeline end plem	0.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	e	a	a	a	a	a	a	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
MILLOM PLEM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millom Pipeline end plem	0.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	e	a	a	a	a	a	a	a	d	a
MILLOM WEST	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millom west field	0.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	c	a	d	d	a	a	c	a	d	a
MILLOM WEST PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Millom west field platform	0.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	c	c	a	d	d	a	a	c	a	d	a
Milson Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	One grass runway	153.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Mona Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	On Anglesey, primarily used as a relief landing ground for RAF Valley.	74.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Mostyn Docks	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Port of Mostyn Ltd is located in the central Irish Sea where it has been a significant trading point between the UK and Ireland	40.7															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Moyglare Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private airfield located 4km northwest of Maynooth. One 540m grass runway	173.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Navigation Marker Framework	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Inspection, maintenance and repair of United Utilities Navigation Markers.	32.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00088/1	d	d	d	a	a	f	f	d	d	d	a
Netherthorpe Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Netherthorpe Aerodrome is part of a local landowner's estate. The aerodrome is operated by Sheffield Aero Club which has three hangars.	113.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
New House Farm Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private aistrip with one grass runway	73.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Newcastle Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Only licensed airfield in County Wicklow. 690m grass runway	159.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Newcastle City Heliport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Heliport near Newcastle	153.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Newcastle International Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	International airport	158.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Newport City Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private airstrip, used to be called Upfield Farm. One 640m hard runway	243.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Newton Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A former Royal Air Force station located 7 miles (11km) east of Nottingham.	145.2														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Newtownards Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Local airfield 9.8 miles east of Belfast. Offers light aircraft flights and helicopter flights.	115.5														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
North Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	North Harbour	58.0														Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
NORTH MORECAMBE PLATFORM	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	NORTH MORECAMBE PLATFORM	1.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
NORTH MORECAMBE DPPA	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	North Morecambe drilling and production platform	1.5														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
Nottingham Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The aerodrome is equipped for private aviation, business aviation and flight instruction. The airport primarily serves general aviation and has two runways.	143.8														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Nottingham Heliport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Heliport at the Nottingham airport	152.2														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Old Warden Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The airfield is normally open to visiting pilots and passengers during visitor attraction opening hours. Shuttleworth (Old Warden) Airfield is owned and operated by the Shuttleworth Trust and is home to the Shuttleworth Collection , Swiss Gardens, Parklands, Children's play area and other visitor facilities.	126.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
OSI (OFFSHORE STORAGE INST.)	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	OSI (OFFSHORE STORAGE INST.)	7.7															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	d	a	d	a
Otherton Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Otherton airfield originated as RAF Penkridge	122.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Otterburn	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Former RAF grass airstrip	173.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Outer Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Outer Harbour	57.8															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Oxenhope	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	No helicopters, 2 grass runways.	54.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Palmer Moor Farm	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	East of Doveridge village, south of the a50, one 270m grass runway.	112.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Park Hall Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	West of Mapperley, private microlight airstrip, one 350m grass runway	124.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Peel Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Traditionally a major fishing port which used to host a huge fishing fleet, Peel remains the most active fishing port on the Isle of Man.	38.7															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Pembrey Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Pembrey West Wales Airport. 6.9 miles northwest of Llanelli. One 797m concrete runway.	231.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Pembury Heliport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Pembury Heliport	232.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Peterlee Shotton Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Next to Shotton village, 2 parallel runways - one grass 1000 feet long and one tarmac 780 feet long.	143.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
PLEM AT OSI	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pipleine end manifold at OSI	7.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	a	a	a	a	d	a	d	a
Pocklington Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Old RAF airfield during WW2, now classified as 'limited flying' as only in use for gliders and hot air balloonists	130.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
POINT OF AYR GAS TERMINAL	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Point of Ayr Gas Terminal is a gas terminal situated on the Point of Ayr in Flintshire, Wales. It takes gas from eni's Liverpool Bay Development.	42.4															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	d	d	d	d	a	a	d	d	d	a
Port Erin	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Port Erin is a seaside village/port in the south-west of the Isle of Man,	36.8															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port of Barrow	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The southwest Cumbrian Port of Barrow plays a key role in serving the offshore energy industry in the region described as Britain's "energy coast". The port has 15ha of secure open storage and is the site of BAE Systems' submarine design and manufacturing facility. 110,000 tonnes of cargo are handled by the Port of Barrow each year.	23.2															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port of Cairnryan	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Port of Cairnryan Ltd is the statutory harbour authority governing the operation of Cairnryan port.The company is wholly-owned by Larne Harbour Ltd. part of the P&O Ferries group. P&O Ferries operate a passenger and freight service from Cairnryan to Larne in Northern Ireland. This route is the shortest, fastest commercial ferry crossing between Great Britain and Ireland. There are up to 16 scheduled ferry sailings daily.	112.7															Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Port of Fleetwood	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Situated on the Lancashire coast, Fleetwood is well established as one of the UK's major ports for ro-ro traffic to and from Northern Ireland, and has been a major fishing port for 90 years. The sheltered enclosed dock houses a marina with 300 fully serviced berths, a dry storage compound and comprehensive facilities for the leisure sailor. It is an ideal base for cruises to Morecambe Bay and the Irish Sea	13.0																Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port of Garston	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Located on the north bank of the Mersey, ABP's Port of Garston specialises in handling a wide array of cargo, from dry bulks to steel products and annually handles around 500,000 tonnes of cargo.	43.1																Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port of Kirkcudbright	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Kirkcudbright Harbour is the busiest commercial fishing harbour in Dumfries and Galloway with much of the landed catch being processed locally.	77.7																Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Port of Larne	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Can handle vessels up to 185m long.	130.0																Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Port of Liverpool	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Port of Liverpool operates two container terminals, the Royal Seaforth Container Terminal (RSCT) and Liverpool2.	9.7																Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port of Workington	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A municipal port on the west coast of the UK handling up to 500,000 tonnes of cargo per year with particular expertise in the dry bulk, liquid bulk, energy, project cargo, break bulk (forest products) and container sectors.	67.5																Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Port Saint Mary	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Port St Mary is a port in the south-west of the Isle of Man.	33.4															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Port William Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	On the coast of Luce Bay in Galloway	80.8															Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Pound Green Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Microlight airstrip, one 415m grass runway	150.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Primrose Park	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primrose Park airfield	36.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
RAF Leeming	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Home of No. 90 Signals Unit RAF and No. 135 Expeditionary Air Wing. One 2,291m asphalt runway	100.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
RAF Linton-on-Ouse	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Closed following the transfer of pilot training to RAF Valley. Due to be sold	104.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
RAF Shawbury	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Home to the School of Air Operations Control. Two runways (one 1,831m and one 1,375m), both asphalt and concrete,	104.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
RAF Station Cosford	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Just northwest of Wolverhampton, one 1,127m asphalt runway.	124.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
RAF Valley	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Royal Air Force station on the island of Anglesey, Wales, and which is also used as Anglesey Airport. One 2,290m asphalt runway, one 1,639m asphalt runway.	81.6															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Ramsey Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	This is a well sheltered, tidal (+/- 2 ½ hours HW) port. The harbour is busy with commercial vessels dealing with regular lo-lo services from the United Kingdom and Ireland and is the only Manx port with facilities to handle imports of bulk cement.	27.3															Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Ravensburg Ltd. Ref No. FS006433	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore application for the construction of a public boardwalk with a reinforced glazed flood defence wall on top of the quay wall.	153.0															Submitted but not yet determined	gov.ie - Ravensburg Ltd (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
Retford Gamston Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Originally built for the RAF, now owned by Thatcham Research. Two runways (one 1,199m and one 842m) both asphalt.	129.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Rhedyn Coch Farm Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Denbighshire, unpaved, used for general aviation	50.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Rixton Moss Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Airfield in Warrington	40.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Roosecote Gas Terminal	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Roosecote Gas Terminal is in Cumbria. Roosecote Gas Terminal is situated nearby to Happy Valley, and close to Roosecote Power Station.	33.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Rufforth Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Old RAF airport, now used for civilian light aircraft and glider flying. Three runways (1,812m, 1,234m, 1,280m), all concrete.	105.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Seighford	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Currently leased by the Staffordshire Gliding Club. Three concrete runways, one 1,800m and two 1,300m).	108.6														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
SEL1/07	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Oil and gas active area in Ireland	227.5														Operational	DCCAE Irish government https://dcenr.maps.arcgis.com/apps/webappviewer/index.html?id=5e09a70df4e04ef29534ac630b00ec50 https://www.providenceresources.com/ireland-saint-georges-channel-basin-sel-107	d	d	d	d	d	d	d	d	d	d	a
Shenington Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	A historic ww2 airfield providing flying facilities for gliding and other light aircraft.	203.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Shenstone Hall Farm Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	One 610m grass runway.	137.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Sherburn in Elmet Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Used by by aero clubs for training and leisure flying. Four runways, one 830m tarmac and three grass runways (616m, 793m, 585m).	101.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Shifnal	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Considerable military low flying activity weekdays. Field may be in use by RAF Helicopter Flying School	121.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Shobdon Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Ordinary Licence (Number P779) that allows flights for the public transport of passengers or for flying instruction. Used for air taxis to Europe.	166.5														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Sittles Farm Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private airfield, one 505m grass runway and one 430m grass runway.	132.9														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Sleap Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Ordinary Licence (Number P641). Two asphalt runways, one 799m and one 775m.	100.6														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
South Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	South Harbour	57.7														Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
SOUTH MORECAMBE AP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe accommodation platform 1	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
SOUTH MORECAMBE CPP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe central processing platform	0.1														Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
SOUTH MORECAMBE DP1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe drilling platform 1	0.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
SOUTH MORECAMBE DP3	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe drilling platform 3	0.0															Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	f	f	f	d	d	f	b	f	e	d	d
SOUTH MORECAMBE DP4	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe drilling platform 4	0.6															Decommission	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	f	f	f	d	d	f	b	f	e	d	d
SOUTH MORECAMBE DP6	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe drilling platform 6	1.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
SOUTH MORECAMBE DP8	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecambe drilling platform 8	2.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
SOUTH MORECAMBE FL1	Infrastructure	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	South Morecabe flare	0.2															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	a	a	a	d	d	a	a	a	a	d	a
St Anne's Rotor Radar Station	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	St Anne's PSR	0.1															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Stranraer East Pier	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	East pier within Stranraer harbour	108.3															Operational	Oceanwise	d	d	d	d	d	d	a	d	d	d	a
Stratford On Avon Gliding Club	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Located at Snitterfield, just north of Stratford-upon-Avon. It is the closest gliding club to Birmingham City Centre	181.3															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Sturgate Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Owned and operated by Eastern Air Executive Ltd Sturgate airfield, one 820m paved runway	142.7															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Swansea Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	6 miles west of Swansea. CAA Ordinary Licence (Number P867). One 1,350m concrete runway and one 857m asphalt runway.	240.9															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Syerston Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	home to the Royal Air Force Central Gliding School. Four runways	146.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Tarn Farm	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Microlight airfield southwest of cockerham, one 600m grass runway and one 260m grass runway	17.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Tatenhill Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Tatenhill Aviation for General Aviation use, home to a flying school, the midlands air ambulance. One 1,190m asphalt.	122.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Techworks Marine Foreshore Lease/Licence application for placement of monitoring buoys. Ref No. FS006758	Infrastructure	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore Lease/Licence application for placement of monitoring buoys	142.1														Operational	gov.ie - Techworks Marine (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Teesside International Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Previously Durham Tees Valley Airport. One 2,291m asphalt runway	120.9														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Topcliffe Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The permanent base of one of the two Yorkshire Air Ambulances. Two asphalt runways	103.3														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Trench Farm	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also known as: Penley / Trench Farm Airstrip. Used for civil aviation. One 500m grass runway.	87.4														Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
Trim Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	3.7km northeast of Trim. One 560m grass runway. Used by Trim Flying Club, who operate 2 aircraft	173.3														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Upper Harford	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private airstrip, 780m grass runway	215.2															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Warrenpoint Harbour Authority	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Harbour authority for Warrenpoint	131.3															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Warton	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Warton duplication	2.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Warton Aerodrome	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Ordinary Licence (Number P748) that allows flights for the public transport of passengers or for flying instruction.	2.0															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Wellesbourne Mountford Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Ordinary Licence (Number P681). Two asphalt runways, one 587m, one 917m.	188.4															Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Welshpool Mid Wales Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Ordinary Licence (Number P865). Licensed for night use. One 1,020m asphalt runway	123.5															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
West Freugh	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Known as MOD West Freugh and is operated by defence contractor QinetiQ, on behalf of the Ministry of Defence. No active runways.	100.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a
West Freugh Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	West Freugh duplicated.	100.8															Operational	RPS Internal Dataset	d	d	d	d	d	d	a	d	d	d	a

Table A.8: Offshore Cumulative Effects Matrix - Infrastructure - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Weston Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Also called Dublin Weston Airport. Publicly licensed general aviation airport. One 924m asphalt runway.	167.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Whitehaven Harbour	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Whitehaven Harbour is primarily a recreational marina with 400 berths.	57.7														Operational	Oceanwise	d	d	d	d	d	a	a	d	d	d	a
Willington Court	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	560m grass runway, 4 miles north of Gloucester city centre.	205.7														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Wolverhampton Halfpenny Green Airport	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	CAA Public Use Aerodrome Licence (Number P872). Three asphalt airports	139.8														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Woodvale Airfield	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Two asphalt runways 1,647m and 1,068m.	17.5														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Woolaston	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Private airstrip, southwest of woolaston village, one 370m grass runway	228.1														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a
Wymeswold Airstrip	Infrastructure	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The airfield is now disused and home to the UK's largest solar farm.	153.3														Operational	RPS Internal Dataset	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Aberdeen Offshore OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The Aberdeen Offshore Wind Farm is also known as the European Offshore Wind Deployment Centre. The Windfarm is located approximately 3 kilometers off the coast of Aberdeen, United Kingdom. Total capacity of 93.2MW with 11 Turbines	366.9															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/section-36-consent-variation-section-36-consent-extension-european-offshore-wind-deployment	d	d	d	d	d	d	d	d	d	d	a
Alderney Race Tidal	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Tidal test site at Alderney.	446.9															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e
Aniar Offshore Array Phase 1 offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Fixed array 8.5 km from the coast. Array area roughly 120 km2.	307.3															Pre-application	https://aniaroffshorearray.ie/	d	d	d	c	e	d	d	d	d	d	f
Aniar Offshore Array Phase 2 offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Floating array 14 km from the coast. Array area roughly 180 km2.	325.4															Pre-application	https://aniaroffshorearray.ie/	d	d	d	c	e	d	d	d	d	d	f
Application for Site Investigation Licence for Windfarm off Helvick Head	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Heophysicak, geotechnical, archaeological, ecological and oceanographic and metoerological.	276.9															Operational	gov.ie - Energia - Application for Site Investigation Licence for Windfarm off Helvick Head (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Argyll Tidal Demonstrator Project	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Consists of a single 500KW Nautricity CoRMaT tidal turbine with contra-rotating rotors. All foundations, moorings, electrical collection system and an export cable connecting the tidal turbine to shore, all as described in the application. Marine licence applied gratned in 2014 but project not built	176.1															Permitted but not yet implemented	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://tethys.pnnl.gov/project-sites/argyll-tidal-demonstrator-project https://www.webarchive.org.uk/wayback/archive/20150218220232/http://www.gov.scot/Topics/marine/Licensing/marine/scoping/ArgyllTidalArray/MarineLicenceMay2014	d	d	d	d	e	d	d	d	d	d	e
Arklow Bank Phase 1 OWF	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Capacity 25.2MW	165.2															Operational		d	d	d	a	d	d	a	d	d	d	a
Arklow Bank Wind Park 2	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Maximum capacity of up to 800 MW. Scoping report submitted June 2023, planning application submitted 6th June 2024.	165.2															Submitted but not yet determined	Arklow Bank Wind Park | SSE Renewables https://www.arklowbank2offshoreplanning.ie/planning-documents/	d	d	d	c	e	d	d	d	d	d	d
Arranmore offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	1 GW capacity. Aranmore Wind proposed survey works to be phased over 5 years, ideally commencing in 2023.	319.8															Pre-application	https://www.thewindpower.net/windfarm_en_38511_arranmore-wind.php https://www.gov.ie/en/foreshore-notice/ff8a5-fs007245-arranmore-wind-limited-site-investigations-for-proposed-offshore-wind-farm-off-counties-donegal-leitrim-and-sligo/	d	d	d	d	e	d	d	d	d	d	d
Atlantic Marine Energy Test Site (AMETS) - test area A	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Test Area A at 100m water depth is located some 16km out from Belderra Strand. Test Area A is 6.9km2 (2.02 nautical square miles)	396.3															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.seai.ie/technologies/ocean-energy/ocean-test-sites-in-ireland/foreshore-lease/	d	d	d	a	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Atlantic Marine Energy Test Site (AMETS) - test area B	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Test Area B at 50m water depth is located 6km from the strand. Test Area B is 1.5km2 (0.44 nautical square miles).	388.3															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.seai.ie/technologies/ocean-energy/ocean-test-sites-in-ireland/foreshore-lease/ https://www.seai.ie/publications/AFLOWT-EIA-Scoping-Report.pdf	d	d	d	a	d	d	d	d	d	d	a
Awel y Môr Offshore Wind Farm	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	500MW. Applicant expects consent Q3 2023. Construction to commence 2026, commissionied by 2030.	28.9															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	c	c	c	c	d	c	d	c		c
Barrow Offshore Wind Farm (OWF) Export Cable Repair and Remediation	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The proposed works include; • 5 x cable repair events, with associated jacking-up • 10 x cable remediation events (via jetting).	20.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00077	d	c	a	a	a	a	a	d	d	d	a
Barrow Offshore Wind Farm O&M Marine Licence	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Removal of marine growth and/or guano, Replacement of corrosion protection anodes, Application of paint or other coatings, Modifications to J-tubes, Replacement of access ladders, - Major component replacement	18.0															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00149/3	c	c	a	a	a	a	a	d	d	d	a
Barrow OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity 90MW 30 Turbines	18.0															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	a	b	a	a	a	a	a	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Beatrice Offshore Wind Farm	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Fully operational, 84 wind turbines, 588 MW installed. Operational base in Wick. Finished construction in 2019 and states expected oeprational time of 25 years.	457.7															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/section-36-consent-construction-and-operation-offshore-windfarm-and-transmission-works-beatrice	d	d	d	d	d	d	d	d	d	d	a
Belwind phase 1	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea. 165MW capacity	438.5															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Belwind phase 2 (Nobelwind) (Zone 1)	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	437.6															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Belwind phase 2 (Nobelwind) (Zone 2)	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Belwind Offshore Energy Windfarm is located on the Blighbank approximately 46-52km offshore to the west of Zeebrugge in the Belgian Economic Zone of the North sea.	441.3															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Berwick Bank Firth of Forth	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	4.1GW	270.7															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46	d	d	d	d	d	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Blyth Demo OWF Phase 1	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	41.5MW 5 Turbines Area - 3.637km2	173.3															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
Blyth Demo OWF Phases 2&3	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - Planned 58.4MW Up to 5 turbines Area - 15.166km2	180.3															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=ao5i1r80kkrgvbqut97sp1lbj7cbibpeo81pcd2f3fio6hkvfu8rhnoa3grtn5tt03lhd3vsg3vc7lfqlpo717als9vca9ncstua&resume=1	d	d	d	d	d	d	d	d	d	d	d
Blyth OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 41.5MW Area 0.402km2	173.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Bore Array offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore wind farm off the coast of Wexford county. Capacity of up to 500 MW.	272.4															Pre-application	https://www.statkraft.com/what-we-do/offshore-wind/	d	d	d	d	e	d	d	d	d	d	d
Borssele	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	752MW. fully functional since November 2020. 94 8MW turbines	434.0															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Borssele Kavel I	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	752MW. fully functional since November 2020. 94 8MW turbines	446.0															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.rvo.nl/onderwerpen/bureau-energieprojecten/afgesloten-projecten/borssele-kavels-i-ii	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel II	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	752MW. fully functional since November 2020. 94 8MW turbines	452.9															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.rvo.nl/onderwerpen/bureau-energieprojecten/afgesloten-projecten/borssele-kavels-i-ii	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel III	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	731.5MW wind project located 22km offshore the Zeeland province in the Netherlands. Began operations in 2021.	445.0															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel IV	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	731.5MW wind project located 22km offshore the Zeeland province in the Netherlands. Began operations in 2021.	434.0															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.power-technology.com/projects/borssele-iii-iv-offshore-wind-farm/	d	d	d	d	d	d	d	d	d	d	a
Borssele Kavel V	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Two Vestas 9.5MW turbines	448.9															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Braymore Point site investigation Ref No. FS006973	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechnical, wind resource and metocean, topographic, environmental.	107.7															Operational	gov.ie - SSE Renewables Braymore Point (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Bridgwater Bay Tidal lagoon	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Tidal barrage over Bridgewater bay. Would generate an estimated 2.6TWh of power per year	275.4															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://www.tidallagoonpower.com/projects/bridgwater-bay/	d	d	d	d	d	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Buchan Deep Demo	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Floating offshore wind farm. Capacity of 30 MW.	409.5															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/05515-renewables-construction-works-and-deposits-peterhead-aberdeenshire	d	d	d	d	d	d	d	d	d	d	a
Burbo Bank	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 90MW Area 10km2	26.2															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	b	a	a	c	a	a	d	a	c	a
Burbo bank cable repair and remediation	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Applicant seeks consent for up to 10 discrete array cable repair or remediation events over the lifetime of the wind farm (25 years).	26.2															Operational	Wales Marine Planning Portal (gov.wales)	d	c	a	a	c	a	a	d	d	d	a
Burbo Bank Extension	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 258MW - 32 Turbines Area 40km2	25.8															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	b	a	a	c	a	a	d	a	c	a
Burbo Bank Extension - Array cable repair and remediation activities	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The Applicant seeks consent for up to 10 discrete array cable repair or remediation events over the lifetime of the wind farm (25 years).	26.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00164	d	c	a	a	c	a	a	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Burbo Bank Extension - Export cable repair and remediation activities	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The Applicant seeks consent for up to 4 discrete export cable repair or remediation events over the lifetime of the wind farm (25 years).	27.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00166/1	d	c	a	a	c	a	a	d	d	d	a
Burbo Bank Offshore Wind Farm - O&M Marine Licence for Export Cable Repair/Remediation Activities	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The Applicant seeks consent for up to four discrete export cable repair/remediation events over the remaining lifetime of the wind farm (15 years).	26.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00406	d	c	a	a	c	a	a	d	d	d	a
Réalt na Mara OWF (Réalt na MaraOffshore WindFarm Limited); FS007330 (Formally Cailleach OWF, Wicklow)	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Announced offshore wind project. Capacity 1.6GW . Spread over an area of 317km2. Located off the coast of Dublin and Wicklow.	160.7															Pre-application	Digitised from screenshot of 4C Offshore Webmap https://map.4coffshore.com/offshorewind/ https://www.power-technology.com/marketdata/cailleach-offshore-windfarm-ireland/ https://www.realtnamaraoffshorewind.ie/about-the-project/	d	d	d	c	e	d	d	d	d	d	d
Caledonia Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	(Scotwind Award NE4) Scotwind area awarded to Ocean Wind as part of the ScotWind leasing round. 1GW	445.5															Submitted but not yet determined	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23 https://marine.gov.scot/node/25806	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
CampionWind	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E2) Scotwind area awarded to Vattenfall as part of the ScotWind leasing round. 798MW. Scoping Report submitted April 2025.	421.6															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	e	d	d	d	d	d	f
CampionWind Limited	Offshore Renewables	Tier 2	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E2) Scotwind area awarded to Shell New Energies as part of the ScotWind leasing round. 2GW.	412.2															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	e	d	d	d	d	d	f
Cardiff Bay Tidal Lagoon	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Tidal barrage over Cardiff Bay	253.2															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	e
Celtic Horizon offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore wind farm off the coast of Waterford and Wexford. Envisaged capacity of up to 700 MW.	273.1															Pre-application	https://celtichorizonoffshorewind.ie/	d	d	d	c	e	d	d	d	d	d	d
Celtic Sea Array OWF	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1200MW Planned capacity	260.6															Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/sse-renewables-celtic-sea https://www.sserenewables.com/offshore-wind/projects/celtic-array/	d	d	d	c	e	d	d	d	d	d	f
Clarus Offshore Wind Farm - Site Investigations off Counties Kerry and Clare	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechnical, arcaheological, wind resource and metocean, ecological surveys. Licence sought for 5 years.	377.9															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/213d9-clarus-offshore-wind-farm-site-investigations-off-counties-kerry-and-clare/	d	d	d	d	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Clogher Head OWF	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Planned capacity: 800MW	114.4															Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/hibernian-wind-power-clogher-head	d	d	d	c	e	d	e	d	d	d	f
Codling Wind Park OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Total area 125 km2. Capacity between 900 MW and 1,500 MW. Combined with Codling Wind Park Extension into one project, as per redesign presented in Scoping Report.	114.2															Submitted but not yet determined	https://codlingwindparkplanningapplication.ie/environmental-impact-assessment-report-eiar/	d	d	d	c	e	d	d	d	d	d	d
Codling Wind Park site investigation Ref No. FS007045	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, Geotechnical, Fish & Shellfish surveys, Benthic & Intertidal Surveys, Archaeological surveys, Metocean and Floating LiDAR, Marine Mammal Acoustic POD survey. Proposed start date of Q4 2020 / Q1 2021 for up to 36 months with a requested licence duration of 5 years.	85.8															Operational	gov.ie - Codling Wind Park Ltd. (www.gov.ie)	d	d	a	a	e	d	d	d	d	d	a
Colwyn Bay Tidal Lagoon	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Tidal barrage over Colwyn Bay	49.8															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://www.tidallagoonpower.com/projects/colwyn-bay/	d	e	e	e	e	e	e	d	d	d	e
Cooley Point OWF	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore Licence application for site investigation works to inform the development of an offshore windfarm. Geophysical, geotechnical, archaeology, ecology.	108.2															Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/hibernian-wind-power-cooley-point-co-louth	d	d	d	c	e	d	d	d	d	d	f
Cork offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Over 22 km from the south coast of Ireland. Capacity of up to 1 GW.	445.5															Pre-application	https://floatingcorkoffshorewind.ie/about-project	d	d	d	c	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Courseulles-sur-mer	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	450MW. Expected to be commissioned in 2022, the wind farm will have an operational life of approximately 25 years. 75 turbines	491.1														Under Construction	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.nsenergybusiness.com/projects/courseulles-sur-mer-offshore-wind-farm/#:~:text=The%20Courseulles%2Dsur%2DMer%20offshore,between%20EDF%20Renewables%20and%20Enbridge.	d	d	d	d	d	d	d	d	d	d	e
Dieppe - Le Treport	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	2,000GWh of electricity a year from 2021. The estimated operational life of the wind farm is 20 years. 17km off the coast of Dieppe. 110km2, 62 turbines.	475.1														Permitted but not yet implemented	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.nsenergybusiness.com/projects/dieppe-le-treport-offshore-wind-farm/#:~:text=The%20Dieppe%2DLe%20Treport%20offshore%20wind%20farm%20is%20expected%20to,needs%20of%20approximately%20850%2C000%20people.	d	d	d	a	d	d	d	d	d	d	e
Dogger Bank B (Sofia)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 1.4GW 593km2	302.0														Under Construction	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
Dogger Bank C (Creyeke Beck)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 1.2GW, Area of around 560km2	371.7														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Dogger Bank South (East) – Offshore Wind Farm	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Area of 493 km2, 1,500 MW capacity.	384.3														submitted but not yet determined	https://uk-ireland.rwe.com/project-proposals/dogger-bank-south/	d	d	d	d	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Dogger Bank South (West) – Offshore Wind Farm	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Area of 495 km2, 1,500 MW capacity.	322.3															submitted but not yet determined	https://uk-ireland.rwe.com/project-proposals/dogger-bank-south/	d	d	d	d	e	d	d	d	d	d	d
Dogger Bank Teeside A	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity - 1.2GW, Area of around 515km2	306.4															Under Construction	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
DONG Energy Burbo (UK) Ltd - Operational Marine Licence Inter Array Cable Repair	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A maximum of 10 inter-array cable repairs or replacements over the remaining lifetime of the project.	26.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00336/1	d	c	a	a	c	a	a	d	d	d	a
Dublin Array OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	600MW offshore wind power project. Area of 54km2. Construction Likely to commence in 2025	134.5															Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/bray-offshore-wind-ltd	d	d	d	c	d	d	e	d	d	d	f
Duddon Estuary Tidal Lagoon	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Predicted: 7-8 million MWh annually	37.1															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	e	e	e	e	e	d	d	d	d	f
Dudgeon	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Capacity: 402MW - 67 6MW Turbines	274.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://dudgeonoffshorewind.co.uk/construction/consenting_docs/Marine%20Licence%2012.11.14.pdf	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Sheringham and Dudgeon Extension Projects	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Joint application with Sherringham Shoal. 402MW	263.3														Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09		d	d	d	d	d	d	d	d	d	d	f
East Anglia ONE	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	102 Turbines - 714MW Capacity, Area: 300km2	384.4														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09		d	d	d	d	d	d	d	d	d	d	a
East Anglia ONE NORTH	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	800MW Capacity, Area: 208km2	367.9														Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09		d	d	d	d	d	d	d	d	d	d	d
East Anglia THREE	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Up to 1400MW Capacity, Area: 305km2	383.8														Under Construction	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09		d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
East Anglia TWO	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	900MW Capacity: Area 218.4km2	364.4															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010078/EN010078-010063-EA2%20-%20DCO%20-%20Registration%20Version.pdf	d	d	d	d	d	d	d	d	d	d	d
East Celtic offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore wind project situated off the Wexford/Waterford coast between 9 to 36 km from shore.	290.3															Pre-application	https://eastceltic.com/	d	d	d	c	e	d	d	d	d	d	f
Endurance	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Carbon Capture project. bp, Eni, Equinor, National Grid, Shell and Total have formed the Northern Endurance Partnership (NEP) to develop the offshore infrastructure to transport and store millions of tonnes of carbon dioxide (CO_2) emissions safely in the UK North Sea. BP acting as operator.	229.0															Permitted but not yet implemented	https://www.bp.com/en/global/corporate/news-and-insights/reimagining-energy/northern-endurance-partnership-to-develop-offshore-ccus-infrastructure.html https://northernendurancepartnership.co.uk/#ecc	d	d	d	d	e	d	d	d	d	d	d
Energy Methil Demonstration	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Also known as Forthwind Demonstration. One wind turbine of up to 20MW.	238.0															Submitted but not yet determined	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/marine-licence-forthwind-offshore-wind-demonstration-project-methil-firth-forth-00009834	d	d	d	d	d	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FabTest, Falmouth Bay	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	FaBTest is a 2.8km2 non grid connected, pre-consented nursery test site	414.9														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wave-site-agreements-england-wales-ni-the-crown-estate/explore?location=50.775934%2C-5.092345%2C9.94 FaBTest is a 2.8km2 non grid connected, pre-consented nursery test site	d	d	d	a	d	d	d	d	d	d	a
Fair Head	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Proposal for a 100MW tidal array covering an approx. area of 4.2km2 to be built 1km off shore at Fair Head. Phase 1 is up to 10MW to be operational by 2018/2019 but no licence issued to date.	179.5														Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.447569%2C-3.403240%2C8.50 https://www.daera-ni.gov.uk/publications/marine-licence-ml-117-fair-head-tidal-farm	d	d	d	d	e	d	d	d	d	d	f
Fair Head Phase 2	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Proposal for a 100MW tidal array covering an approx. area of 4.2km2 to be built 1km off shore at Fair Head. Phase 2 is up to 90MW to be operational by 2025 but no licence issued to date. Lifetime of 25 years.	181.4														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.dpenergy.com/projects/wind/n-ireland-fair-head-tidal-energy-park-north-antrim-coast/	d	d	d	d	e	d	d	d	d	d	f
Fall of Warness Tidal Test Site	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	10MW	564.8														Operational	https://marine.gov.scot/ml/european-marine-energy-centre-emec-ltd-fall-warness-tidal-test-site	d	d	d	d	d	d	d	d	d	d	a
Fecamp	Offshore Renewables	Tier 1	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	498MW wind farm located in the English Channel, off the coast of northern France. 67km2. 22km from shore.	468.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://parc-eolien-en-mer-de-fecamp.fr/2024/05/16/le-parc-eolien-en-mer-est-officiellement-mis-en-service/	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Five Estuaries	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	149 km2 Area. Galloper wind farm extension. Capacity of 353 MW. Application was accepted for examination by The Planning Inspectorate on 22 April 2024.	380.5															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
FS007031 Statkraft North Irish Sea Array (NISA) Site Investigations	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical survey, Geotechnical survey, metocean device, floating lidar, ecology surveys, archaeology surveys	107.7															Operational	gov.ie - FS007031 Statkraft North Irish Sea Array (NISA) Site Investigations (www.gov.ie)	d	d	d	c	d	d	e	d	d	d	a
FS007048 Energia Site Investigation off Wexford Coast	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Heophysical, geotechnical, arcaheology, ecologicla and oceanocgraphic surveys. Expected to start Spring/summer 2020 for up to 36 months but licence not issued untill 2021.	170.0															Operational	gov.ie - Energia Site Investigation off Wexford Coast (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
FS007062 SEAI SAIPAM Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Site Investigation for Accelerating market uptake of Floating Offshore Wind Technology testing/demonstrating of Offshore Floating Wind technology. Sub-bottom Profiling and Cone Penetration Testing to inform on the proposed deployment of a turbine of up to 6 MW at Atlantic Marine Energy Test Site in partnership with SEAI off the west coast of Co. Mayo. MBES, SSS, SBP, CPT and benthic sampling.	383.4															Permitted but not yet implemented	gov.ie - SEAI Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo (www.gov.ie) https://www.offshorewind.biz/2024/02/09/irish-floating-wind-and-wave-energy-test-site-seeking-floating-lidar-services/	d	d	d	d	e	d	d	d	d	d	d
FS007081 DesignPro Cahiracon Quay Tidal Energy Testing	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Test site for a tidal energy device. The test devices proposed for deployment off the pier at Inishmurry (Cahiracon, Co Clare) are 60kW devices.	359.4															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/cd915-designpro-cahiracon-quay-tidal-energy-testing/?referrer=http://www.gov.ie/en/publication/550fd-designpro-cahiracon-quay-tidal-energy-testing/	d	d	d	d	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FS007134 ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	This foreshore application relates to the Site Investigation works only. These activities are required to inform: the overall project feasibility; the conditions at site and along the cable route; the various assessments required to progress the project; and the development of the project.	127.4															Abandoned	gov.ie - ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow (www.gov.ie)	d	d	d	g	e	d	d	d	d	d	d
FS007136 ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical surveys proposed include: - Multibeam Echosounder (MBES) - Side Scan Sonar (SSS) - Sub-Bottom Profiling (SBP) / Ultra High Resolution Seismic (UHRS) - Magnetometer Survey Geotechnical surveys proposed include: - Boreholes - Cone Penetration Testing (CPT) - Vibro Core (VC) / Grab Sampling - Down the Hole testing - Trial Pits Oceanographic & Metocean surveys proposed include: - Equipment Deployment & Recovery from a vessel - Acoustic Doppler Current Profiler (ADCP) to measure ocean currents - Wave Buoys - Floating Lidar Buoy to measure wind speed at height Environmental/Ecological & Archaeological Surveys proposed include: - Benthic Sampling - Static Acoustic monitoring - Archaeological Surveys	289.0															Abandoned	gov.ie - ESB Wind Development Limited Site Investigations off Waterford and Cork Coasts - Helvick Head Offshore Wind (www.gov.ie)	d	d	d	c	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FS007138 ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical surveys proposed include: - Multibeam Echosounder (MBES) - Side Scan Sonar (SSS) - Sub-Bottom Profiling (SBP) / Ultra High Resolution Seismic (UHRS) - Magnetometer Survey Geotechnical surveys proposed include: - Boreholes - Cone Penetration Testing (CPT) - Vibro Core (VC) / Grab Sampling - Down the Hole testing - Trial Pits Oceanographic & Metocean surveys proposed include: - Equipment Deployment & Recovery from a vessel - Acoustic Doppler Current Profiler (ADCP) to measure ocean currents - Wave Buoys - Floating Lidar Buoy to measure wind speed at height Environmental/Ecological & Archaeological Surveys proposed include: - Benthic Sampling - Static Acoustic monitoring - Archaeological Surveys	325.3														Submitted but not yet determined	gov.ie - ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork (www.gov.ie)	d	d	d	g	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FS007151 Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow (Applied Dec 2021)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical survey (including archaeology and benthic) and Benthic Sampling Programme, Preliminary geotechnical surveys (including benthic) in association with the Benthic Sampling Programme, Wind resource monitoring, Metocean surveys, Environmental surveys including bird and marine mammal surveys. The intention is to begin geophysical survey activities in 2022 with a staged series of investigations over the subsequent five years as the project reaches the detailed design stage.	124.8														Abandoned	https://www.gov.ie/en/department-of-climate-energy-and-the-environment/foreshore-notices/fs007151-sunrise-wind-ltd-site-investigations-for-the-proposed-sunrise-offshore-wind-farm-off-counties-dublin-and-wicklow/	d	d	d	c	e	d	e	d	d	d	g
FS007163 Wicklow Sea Wind Ltd., Site Investigations for the proposed Wicklow Project offshore wind farm, off County Wicklow	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, Project and current resource measurement, geotechncial surveys, Duration of deployments is expected to be between 12 and 36 months.	149.5														Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/a5066-fs007163-wicklow-sea-wind-ltd-site-investigations-for-the-proposed-wicklow-project-offshore-wind-farm-off-county-wicklow/	d	d	d	c	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FS007261 Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Hydrographical and geophysical survey activities including: • Multi-Beam Echo Sounder • Side Scan Sonar • Sub-Bottom Profiling • Magnetometer • Higher Energy Sound Sources (only if sufficient depth data not obtained with other sub-bottom profiling methods) • Geotechnical Surveys including: Boreholes, Cone Penetration Tests and VibroCores. • MetOcean devices (including the moorings and anchor) to determine wind, wave, current and other sea state parameters. •Ecological Surveys including benthic surveys (subtidal benthic survey, intertidal habitat walkover survey) and Marine Mammal Acoustic Monitoring.	182.9														Submitted but not yet determined	gov.ie - Shelmalere Offshore Wind Farm - Site Investigations off Counties Wexford and Wicklow. (www.gov.ie)	d	d	d	c	e	d	d	d	d	d	f
FS007283 Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin (Applied Dec 2021)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The following types of surveys will be carried out: • Geotechnical surveys • Geophysical surveys (including archaeology and UXO) • Benthic survey programme on the basis of geophysical data • Wind resource monitoring • Metocean surveys • Bird and marine mammal surveys	133.1														Abandoned	gov.ie - Foreshore Applications and Determinations 2022 (www.gov.ie) https://www.gov.ie/en/foreshore-notice/8e2a2-fs007283-banba-wind-ltd-site-investigations-for-proposed-offshore-wind-farm-off-counties-wicklow-and-dublin/	d	d	d	d	e	d	e	d	d	d	g

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
FS007354 Kinsale Offshore Wind Ltd., Site Investigations for the proposed Kinsale Project offshore wind farm, off County Cork. (Applied Jan 2022)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, archaeology, subtidal benthic, seabed and marine mammal, wind and current resource measurement, geotechncial surveys, Duration of deployments is expected to be between 12 and 36 months.	383.1															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/8c642-fs007354-kinsale-offshore-wind-ltd-site-investigations-for-the-proposed-kinsale-project-offshore-wind-farm-off-county-cork/	d	d	d	c	e	d	d	d	d	d	f
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Sceirde Rocks Offshore Wind Farm is a fixed bottom offshore wind farm off the West Coast of Ireland. Foreshore licence for site investigations is to determine geotechnical, geophysical, metocean, wind resource and benthic characteristics within the Foreshore Licence Area.	382.7															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/7a077-fuinneamh-sceirde-teoranta-site-investigations-for-the-proposed-sceirde-rocks-offshore-wind-farm/ https://www.gov.ie/en/foreshore-notice/1ae0f-fuinneamh-sceirde-teoranta-site-investigations-for-the-proposed-sceirde-rocks-offshore-wind-farm-export-cable-corridor/	d	d	d	d	e	d	d	d	d	d	d
Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Sceirde Rocks Offshore Wind Farm is a fixed bottom offshore wind farm off the West Coast of Ireland. Foreshore licence for site investigations is to determine geotechnical, geophysical, metocean, wind resource and benthic characteristics within the Foreshore Licence Area.	382.7															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/7a077-fuinneamh-sceirde-teoranta-site-investigations-for-the-proposed-sceirde-rocks-offshore-wind-farm/ https://www.gov.ie/en/foreshore-notice/1ae0f-fuinneamh-sceirde-teoranta-site-investigations-for-the-proposed-sceirde-rocks-offshore-wind-farm-export-cable-corridor/	d	d	d	d	e	d	d	d	d	d	f
Galloper	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	353MW Capacity, 56 Turbines	372.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Gemini Offshore Wind Farm	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E1) Scotwind area awarded to Flack Renewables as part of the ScotWind leasing round. 1.2GW	374.7															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	e	d	d	d	d	d	f
Greater Gabbard	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	504 MW Capacity, 140 Turbines	369.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Green Volt Offshore Wind Farm	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Expected to be operational by 2026. Capacity of 560 MW to supply Oil and Gas fields. Application approved 19th April 2024.	463.9															Under Construction	https://marine.gov.scot/sites/default/files/scoping_report_green_volt_offshore_wind_farm.pdf https://marine.gov.scot/ml/marine-licence-green-volt-offshore-windfarm-generating-station-east-aberdeenshire-coast-00010230 https://greenvoltoffshorewind.com/project-overview/	d	d	d	d	d	d	d	d	d	d	a
Gunfleet Sands Demo	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	12MW Capacity	348.7															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Gunfleet Sands I	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	108MW Capacity, 17.5km2 area between 1&2	347.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/	d	d	d	d	d	d	d	d	d	d	a
Gunfleet Sands II	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	64.8MW Capacity, 17.5km2 area between 1&2	349.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=pf6rltkchsdlrp2d58jugkfh4gv75g1f9ofem7vudatq4p4uhehkutjj6g2qtgm5gpcvkv590bq047jk4bvda4sqoe40pu4l1fi8&resume=1	d	d	d	d	d	d	d	d	d	d	a
Gwynt y Mor OWF	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	567MW, 90km2	28.9															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	c	a	a	c	a	a	d	a		a
Harris Demonstration Zone	Offshore Renewables	Tier 2	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The Islay and Harris development sites, overall capacity of 100MW.	459.6															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Hibernian Wind Power. Ref No. FS006788 Kilmichael Point site investigation	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechnical, archaeologyical, ecology surveys. Expected to commence in 2018 for 3 years, licence valid for 5 years.	179.8															Operational	gov.ie - Hibernian Wind Power - Kilmichael Point (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Hollandse Kust (West)	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	176km2. 1,400MW. Tenders open April 2022. Winners announced summer 2022.	451.6															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e
Hollandse Kust D	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Announced as generating power on 2nd August 2022. Construction sheduled to be complete in 2023. 1.5GW capacity.	439.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Hollandse Kust F	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Announced as generating power on 2nd August 2022. Construction sheduled to be complete in 2023. 1.5GW capacity.	439.3															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Holyhead Deep-Phase 1	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	First full-scale deployment of Minesto's tidal energy concept. 0.5MW.	86.7															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://minesto.com/projects/holyhead-deep	d	d	d	d	d	d	d	d	d	d	a
Hornsea Project 1 (HOW01) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1.2GW Capacity - 407km2 Area, 174 Turbines	290.1															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Hornsea Project 2 (HOW02) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1.3GW Capacity - 462km2 Area - 165 Turbines	276.8															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Hornsea Project 3 (HOW03) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	2.4GW Capacity - 696 km2	326.6															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
Hornsea Project 4 (HOW04) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Hornsea Four is an offshore wind farm which Ørsted is proposing to develop in the North Sea, approximately 69km off the Yorkshire Coast.	245.8															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	f
Humber Gateway OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	219MW Capacity - 73 Turbines, 35km2	198.3															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=8spnmru6fp8uepkg5orf5b2mv07ruqtiskjc5vdt3q636ai75hjoqmr5q39naetfsc7kfu5bmksvj0ire078f3ihlb4jcihpctna&resume=1	d	d	d	a	d	d	d	d	d	d	a
IJmuiden Ver	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	62km off the west coast of the Netherlands. Tenders to develop this site are open in 2023	415.8															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Inch Cape Offshore Wind Farm	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	72 turbines, 1.1GW.	283.0															Permitted but not yet implemented	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/section-36-consent-variation-2021-construction-and-operation-offshore-windfarm-and-transmission	d	d	d	d	d	d	d	d	d	d	a
Inis Eagla Marine Energy Park Ltd site investigations FS006859 (Co. Cork)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Site Investigations relating to a potential offshore wind farm at Inis Ealga, Cork.	306.2															Submitted but not yet determined	gov.ie - DP Energy Site Investigations at Inis Ealga (www.gov.ie)	d	d	d	d	e	d	d	d	d	d	f
Inis Ealga Marine Energy Park	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Expected to have a capacity of 1GW. Floating offshore wind.	326.5															Pre-application	Scoping report availiable Digitised from screenshot of 4C Offshore Webmap https://map.4coffshore.com/offshorewind/ https://inisealgamarineenergypark.com/	d	d	d	c	e	d	d	d	d	d	f
Inis Ealga Marine Energy Park Site investigation	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechncial, wind resource, archaeology, benthic, bird and marine mammal surveys. Epected to start summer 2020 for 5 years.	306.2															Submitted but not yet determined	https://www.gov.ie/en/foreshore-notice/c9ea6-dp-energy-site-invesigations-at-inis-ealga/	d	d	d	d	e	d	d	d	d	d	f
Inner Dowsing OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	97.2MW Capacity	219.1															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://www.legislation.gov.uk/uksi/2003/2831/made	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Innogy Ref No. FS007029 Dublin Array site investigation	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Application for a Site Investigation Licence to carry out Geophysical Surveys, Geotechnical Surveys, Ecological Surveys and Wind and Metocean Surveys	134.5														Operational	https://www.gov.ie/en/foreshore-notice/ebe99-innogy-site-investigation-dublin-array-at-kish-and-bray-banks/?referrer=http://www.gov.ie/en/publication/0eac3-innogy-site-investigation-dublin-array-at-kish-and-bray-banks/	d	d	d	a	d	d	e	d	d	d	a
Irish Sea North Met mast and Geotechnical survey	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Met mast and geotechncial survey	8.0														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2011/00310/1	f	f	f	f	d	f	f	d	d	d	a
Isle of Islay	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Islay and Harris development sites, overall capacity of 100MW.	233.3														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e
Kentish Flats Extension OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	49.5MW Capacity, 49.5km2 Area	360.0														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/projects/south-east/kentish-flats-extension/	d	d	d	d	d	d	d	d	d	d	a
Kentish Flats OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	90MW Capacity	360.9														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Kilmichael Point	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Concept/Early planning . 500MW Capacity	179.8														Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/hibernian-wind-power-kilmichael-point	d	d	d	e	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Kincardine – Floating Offshore Wind Project	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	50MW floating offshore wind farm	348.5															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/data/kincardine-offshore-floating-windfarm-discharge-letter-0 https://flotationenergy.com/kincardine-once-the-worlds-largest-floating-wind-project/	d	d	d	d	d	d	d	d	d	d	d
Larne Lough	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The licence shall refer to the creation of seven underground caverns in the Permian salt deposits below Larne Lough.	134.1															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::carbon-capture-and-storage-site-agreements-england-wales-ni-the-crown-estate/explore?location=54.211189%2C1.022361%2C11.63 https://www.islandmageeenergy.com/ https://www.daera-ni.gov.uk/publications/marine-licence-ml-2812-islandmagee-gas-storage-project https://www.daera-ni.gov.uk/sites/default/files/publications/daera/Final%20Marine%20Licence%20IMEL%20ML28_12%20%28R%29.pdf	d	d	d	d	d	d	d	d	d	d	d
Latitude 52 Array	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Planned Capacity is up to 1GW, spread over 300km2	146.5															Pre-application	Digitised from screenshot of 4C Offshore Webmap https://map.4coffshore.com/offshorewind/	d	d	d	e	e	d	d	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Lincs OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	270MW, 35km2 Area	219.9															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=s3er5gdef2p0c1jl0biihp94v46250vl0m8l014il9mlobl2ubgc7l29afutujogbuuegpa9lj8mdbqm5ocr5rkcjlfrsbeku09t&resume=1	d	d	d	a	d	d	d	d	d	d	a
Lir offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore wind project off the coast of Louth/Meath/Dublin. 700MW or greater capacity across a site area of 174km2. Application aimed to be submitted in 2026.	115.9															Pre-application	https://liroffshorearray.ie/	d	d	d	c	e	e	e	d	d	d	f
London Array OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	630MW Capacity, 122km2 Area	365.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=fm0u3685pe6f104d3sf47hu92gh96s3552bi1clmdpa1rai9lsse9sfba65mju55nttco2jmg6q21dg4nvn89th56rs70s2espnp&resume=1	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Lynn OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	97.2MW Capacity	221.2															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=3obvj3ucorrc0cdng6qd7gfitmgo0jibncq7olugf5t40l0k8lhh1aphn3ugtjf0qrbpfhjpt6fkog1mgmhmbq288i3uuv0on5p8&resume=1	d	d	d	a	d	d	d	d	d	d	a
MachairWind Limited	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award W1) Scotwind area awarded to Scottish Power Renewables as part of the ScotWind leasing round. 3GW	253.7															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	c	e	d	d	d	d	d	f
Mainstream Renewable Power Ltd - Site Investigations off Tralee	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechnical, metocean, benthic subtidla and intertidal, fish and shellfish, passive accoustic monitoring, boat based visual surveys. Expected to start in 2022.	378.8															Abandoned	https://www.gov.ie/en/foreshore-notice/7a227-mainstream-renewable-power-ltd-site-investigations-off-tralee/	d	d	d	d	e	d	d	d	d	d	d
Mainstream, Renewable Power Ltd- Site Investigations off Co, Dublin FS007373	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence for site investiation and survey including geophysical, geotechnical, metocean survey, benthic surveys, fish and shellfish surveys, PAM monitoring and boat based survey for birds and mammals	104.2															Abandoned	gov.ie - Mainstream Renewable Power Ltd - Site Investigations off Co. Dublin (www.gov.ie)	d	d	d	c	e	d	d	d	d	d	d
Mermaid wave	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Wave energy device in Belgium. 600kW.	433.7															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Mersey Tidal Power	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	At Least 1GW Capacity, 2TWh Annual Generation	41.1															Pre-application	https://www.liverpoolcityregion-ca.gov.uk/its-time-for-tidal/	d	e	e	d	e	e	e	d	d	d	f
META Phase 2 demonstration zones	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	META Open Water offers sites for accessible, non- grid connected, real- sea testing. The sites are located within or adjacent to the Milford Haven Waterway enabling lessons to be learnt quickly and cheaply. Warrior Way, Dale Roads and East Pickard Bay. Tidal, Wave and flaoting wind test sites.	244.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.447569%2C-3.403240%2C8.50 https://naturalresources.wales/permits-and-permissions/permit-applications-consultations-and-decisions/marine-licensing-decisions/orml1957-meta-phase-2-marine-energy-testing-areas-at-warrior-way-dale-roads-and-east-pickard-bay/?lang=en	d	d	d	a	d	d	d	d	d	d	a
Mona Offshore Wind Project	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Application for the 1.5GW Mona Offshore wind project in the east Irish Sea	9.7															Permitted but not yet implemented	https://www.enbw-bp.com/morgan-and-mona/	c	c	c	c	c	d	c	d	c	d	c
Moneypoint One offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	16 km from the Clare/Kerry coast, estimated up to 400 MW capacity	444.0															Pre-application	https://www.moneypointoffshorewind.ie/project-information.html https://www.gov.ie/en/foreshore-notice/77558-fs007137-esb-wind-development-ltd-site-investigations-off-clare-and-kerry-coasts-moneypoint-offshore-windfarm/	d	d	d	c	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Mooir Vannin Offshore Wind Project	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Proposed offshore wind farm comprising up to 87 fixed foundation wind turbines, located approximately 11km east of the Isle of Man, wholly within the Isle of Man's jurisdiction. Generate around 1400MW. The application was accepted into examination and made publicly available from the 27/08/2025.	2.6															Submitted but not yet determined	https://map.4coffshore.com/offshorewind/ https://orstedcdn.azureedge.net/-/media/www/docs/corp/uk/im/scoping-report/mooir-vannin_scoping-report.pdf?rev=9c06c38674ff4cd7a28b13f5a1284f88&hash=7BE823F9CC4E02C50B7A9AB598B526FF https://www.gov.im/media/1368069/appendix-16-offshore-wind.pdf https://mima.gov.im/mooir-vannin/document-library/application-acceptance/	c	c	c	c	e	c	c	d	c	d	f
Moray Offshore Windfarm (East)	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	1.1GW. 295km2	447.2															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/sites/default/files/met_mast_marine_licence_-_september_2014.pdf	d	d	d	d	d	d	d	d	d	d	a
Moray OWF (West)	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Up to 85 turbines, capacity of 882MW. Fully operational by 2025	437.8															Permitted but not yet implemented	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/sites/default/files/marine_licence_-_generating_station_-_moray_west_final.pdf	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Morecambe Bay Tidal Lagoon	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	132 30MW Tidal range Turbines, 8,000,000MWh of Electricity per year.	30.0														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php		d	e	e	d	e	e	d	d	d	d	f
Morecambe Net Zero Cluster	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Spirit Energy are planning to convert their depleted South Morecambe and North Morecambe gas fields and Barrow Terminals into a carbon storage cluster.	0.0														Pre-application	https://www.spirit-energy.com/newsroom/press-releases/spirit-energy-launches-plan-for-carbon-storage-cluster/		e	e	e	d	e	e	b	e	c	d	e
Morgan Offshore Wind Project (generation assets)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Application for the generattion assets of the 1.5GW Morgan Offshore wind project in the east Irish Sea	0.0														Submitted but not yet determined	https://www.enbw-bp.com/morgan-and		c	c	c	c	c	c	c	c	c	d	c
Morven Offshore Wind Limited	Offshore Renewables	Tier 2	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E1) Scotwind area awarded to bp Alternative Energy Investments as part of the ScotWind leasing round. 2.9GW.	325.1														Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23		d	d	d	d	d	d	d	d	d	d	f
Mull of Galloway	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	3.6km2	76.9														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php		d	d	d	d	e	d	d	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Neart Na Gaoithe Offshore Wind	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	An offshore wind farm located 15.5 km off the Fife coast. 450 MW capacity.	260.8															Under Construction	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/marine-licence-application-construction-and-operation-transmission-works-neart-na-gaoithe	d	d	d	d	d	d	d	d	d	d	d
Neart na Gaoithe Offshore Transmission Connection	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Offshore transmission assets for Neart Na Gaoithe.	260.8															Under Construction	https://marine.gov.scot/ml/neart-na-gaoithe-offshore-wind-farm-revised-design	d	d	d	d	d	d	d	d	d	d	d
NEMOS prototype	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Wave prototype, 40 ton test rig	468.4															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Newport Tidal Lagoon	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	1,400MW and 1,800MW installed capacity. A tidal lagoon at Newport would harness the power of the Severn Estuary	245.9															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e
Nomadic offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Floating offshore wind farm 35 km from shore. Located between Northern Ireland and Islay, Inner Southern Hebrides. Capacity of up to 500 MW.	227.3															Pre-application	http://nomadicoffshorewind.com/about/	d	d	d	d	e	d	c	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Norfolk Boreas Offshore Wind Farm	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1.4GW Capacity, 725km2	374.1															Permitted but not yet implemented	Norfolk Boreas Offshore Wind Farm - Vattenfall https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010087 https://www.offshorewind.biz/2023/12/22/rwe-buys-vattenfalls-norfolk-trio-for-eur-1-1-billion-restarts-paused-norfolk-boreas-project/	d	d	d	d	d	d	d	d	d	d	d
Norfolk Vanguard East And West OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	2.8GW Capacity, 592km2	348.6															Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	d
Normandie Hydro	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Array of seven tidal turbines with the total capacity of 14MW	452.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://cordis.europa.eu/project/id/745855	d	d	d	d	d	d	d	d	d	d	a
North Celtic Sea OWF	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Up to 800MW Planned capacity	276.9															Pre-application	https://www.housing.old.gov.ie/planning/foreshore/applications/energia-application-site-investigation-licence-windfarm-helvick-head	d	d	d	c	e	d	d	d	d	d	f
North Falls OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	504MW Capacity, 150km2 Greater Gabbard extension	366.8															Submitted but not yet determined	https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010119/documents	d	d	d	d	d	d	d	d	d	d	d
North Hoyle OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	60MW Capacity, 10km2	34.2															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	b	a	a	a	a	a	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
North Irish Sea Array (NISA) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Proposed offshore wind farm, 500MW capacity.	107.7															Submitted but not yet determined	https://www.housing.old.gov.ie/planning/foreshore/fs007031-statkraft-north-irish-sea-array-nisa-site-investigations, https://www.dmsprojects.net/united-kingdom/projects/statkraft-north-irish-sea-array-nisa-wind-project/PRJ00022670#:~:text=Statkraft%20-%20North%20Irish%20Sea%20Array%20%28NISA%29%20Wind,Bank%20Wind%20Farm%20by%20GE%20Electricity%20in%202001.	d	d	d	c	d	d	d	d	d	d	f
Norther	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	44 Turbines - Maximum of 370MW	457.9															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.norther.be/	d	d	d	d	d	d	d	d	d	d	a
Northwester 2	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Northwester 2 is Parkwind's offshore wind farm completed in 2020. Located 51 km from shore in the Belgian North Sea, its 23 turbines over 11.7km2	434.5															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Northwind	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	38km off Belgium. Construction commenced in 2013. 216MW	447.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.renewable-technology.com/projects/northwind-offshore-wind-farm-north-sea/	d	d	d	d	d	d	d	d	d	d	a
NWTE Project	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	North Wales Tidal Energy Project. Planning to build a world-leading integrated tidal energy impoundment and coastal protection system in North Wales.	47.6															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.northwalestidalenergy.com/	d	e	e	d	e	e	e	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Ocean Quest	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	1MW tidal turbine	532.3															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.offshore-energy.biz/hydroquest-marks-oceanquest-milestone/	d	d	d	a	d	d	d	d	d	d	a
Bardsey Sound - Ynys Enlli Tidal Energy	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Nova's Ynys Enlli Tidal Energy project will involve placing an array of their M100 100 kW turbines in Swnt Enlli (Bardsey Sound) between Ynys Enlli (Bardsey Island) and the Llŷn Peninsula mainland in north Wales. Nova pulled the Project in 2023 due to revenue support and grid connection issues	131.6															Abandoned	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.447569%2C-3.403240%2C8.50 https://www.novainnovation.com/	d	d	d	d	e	d	d	d	d	d	g
Operation and maintenance activities at North Hoyle OWF	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Applicant NWP Offshore Limited Marine Licence Number CML1465. The maintenance operations will take place throughout all assets of the wind farm and will include: Sub sea ROV works, and Heavy lifting operations using the Jack up platform Wind.	35.3															Operational	Wales Marine Planning Portal (gov.wales)	d	c	a	a	a	a	a	d	d	d	a
Operation and maintenance activities at Rhyl Flats OWF	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Operations and Maintenance including High voltage maintenance work and heavy lift work, using Jack up vessel Wind server.	39.5															Operational	Wales Marine Planning Portal (gov.wales)	d	c	a	a	a	a	a	d	d	d	a
Oran na Mara	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	10 MW capacity tidal energy project. Scoping report submitted in August 2023 and Opinion delivered in December 2023.	234.8															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::tidal-crown-estate-scotland/explore?location=57.962850%2C-3.802032%2C7.94 https://marine.gov.scot/node/24310 https://marine.gov.scot/node/24309	d	d	d	d	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Oriel Windfarm OWF	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	375 MW capacity. Area - 28 km2, 25 WTG. Planning application submitted 24th May 2024 to An Bord Pleanála,	119.5															Submitted but not yet determined	https://orielwindfarm-marineplanning.ie/planning-documents/planning-particulars/	d	d	d	c	d	d	e	d	d	d	d
Orion Offshore Wind Farm	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award NE6) Scotwind area awarded to Flack Renewables as part of the ScotWind leasing round. 500MW	467.3															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	e	d	d	d	d	d	f
Ormonde Offshore Wind Farm - Scaffolding	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Cable repair activities are required to be carried out at WTG B02.	20.6															Under Construction	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00105	d	f	f	f	f	f	a	d	d	d	f
Ormonde Offshore Wind Farm O&M Marine Licence	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Removal of marine growth and/or guano, Replacement of corrosion protection anodes, Painting or other coatings, Modifications to J-tubes, Replacement of access ladders, Major component replacement, Recovery and repair/replacement of cable section, Dredging to remove sediment	20.1															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00224/2	d	c	a	a	c	a	a	d	d	d	a
Ormonde OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	150MW Capacity,8.7km2	20.1															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://group.vattenfall.com/uk/what-we-do/our-projects/ormonde	d	b	a	a	c	a	a	d	a	c	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Ormonde OWF Export Cable Repair and Remediation	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	5 x cable repair events, with associated jacking-up; and10 x cable remediation events (via jetting).	20.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00086/2	d	c	a	a	c	a	a	d	d	d	a
Ossian Offshore Windfarm	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E1) Scotwind area awarded to SSE renewables as part of the ScotWind leasing round. 2.6GW	340.1															Submitted but not yet determined	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	d	d	d	d	d	d	d
Paimpol-Brehat	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	2 x 2MW turbines	541.2															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	a
Parc eolien pose au large de la Normadie (AO4)	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	1GW. The designation of the winner will take place in early 2023 for the commissioning of the park around 2030	443.1															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	e
Péarla Offshore Wind Farm	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	40 km off the Waterford and Wexford coast. Up to 1 GW capacity. Application for site investigations submitted 24/10/2022.	317.0															Pre-application	https://pearlaoffshorewind.ie/project/	d	d	d	c	e	d	d	d	d	d	d
Pendeen Array	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	30000kW Capacity, Sea testing, in Development. Device name: Oceanus 2	427.7															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	e	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Perpetuus Tidal Energy Centre	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	30MW commerical tidal Stream.	368.1															Permitted but not yet implemented	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	a	d	d	d	d	d	d	d
PLAT-I Foating Tidal Energy	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1MW tidal turbine	275.5															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::tidal-crown-estate-scotland/explore?location=57.962850%2C-3.802032%2C7.94	d	d	d	d	d	d	d	d	d	d	a
Portland Bill	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Capacity 30000KW	361.5															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	f
Project Erebus – Floating Offshore Wind Project	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	100MW Test & Demonstration project in the Celtic Sea	284.6															Permitted but not yet implemented	https://www.offshorewind.biz/2023/02/23/wales-first-floating-offshore-wind-farm-gets-marine-license/ Erebus | Blue Gem Wind	d	d	d	c	c	d	d	d	d	d	d
QUB Tidal deomonstration test site	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Two surface mounted mono-strut turbines, 1kW.	96.9															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.qub.ac.uk/schools/NBE/Research/ResearchClusters/EnvironmentalChangeandResilience/MarineResearchGroup/OurResearch/TidalEnergy/	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Race Bank OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	573MW Capacity	237.7															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Rampion 2 (Rampion Extension) OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Up to 1200MW, 270km2. Project overlap taken from the scoping report	373.4															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/projects/south-east/rampion-2-offshore-wind-farm/	d	d	d	d	d	d	d	d	d	d	a
Rampion OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	400MW Capacity - 72km2	376.6															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/projects/south-east/rampion-offshore-wind-farm/	d	d	d	a	d	d	d	d	d	d	a
Realt na Mara offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity of up to 1.6 GW. Located off the coast of Dublin and Wicklow.	162.1															Pre-application	https://www.realtnamaraoffshorewind.ie/about-the-project/	d	d	d	c	e	d	d	d	d	d	d
Rentel	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Capacity 294MW Area - 22.72km2 Water depth: 22-29m	450.1															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.power-technology.com/projects/rentel-offshore-wind-farm-north-sea/	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Rhyl Flats OWF	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	25 turbines, 90MW. Within Liverpool bay	39.9															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	b	a	a	a	a	a	d	a	c	a
Rian Offshore Array Phase 1	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	First stage of Rian Offshore Array. Surveys to set up second phase.	488.9															Pre-application	https://rianoffshorearray.ie/	d	d	d	c	e	d	d	d	d	c	f
Rian Offshore Array Phase 2	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Second stage of Rian Offshore Array. Floating offshore wind farm. 2.5 GW potential capacity.	513.4															Pre-application	https://rianoffshorearray.ie/	d	d	d	c	e	d	d	d	d	c	f
Robin Rigg East	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	60x3MW wind turbines.	73.3															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/sites/default/files/robin_rigg_removal_licence_redacted.pdf	d	d	a	a	c	d	d	d	a	c	a
Robin Rigg East offshore wind project	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Adjacent to Robin Rigg West, total capacity across the two projects of 174 MW.	75.3															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.859097%2C-2.727644%2C8.41	d	d	d	a	c	a	d	d	a	c	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Robin Rigg Offshore Wind Farm Operational Marine Licence - Export Cable	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	It is estimated that no more than three repairs per cable would be expected to occur within the remaining life of the windfarm. The maximum length of cable expected to be used would be 200m in each case. If the repair requires the use of a jack up barge it is envisaged that no more than four visits/ jack up positions would be required per repair.	72.1															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00411	d	d	d	a	c	a	a	d	d	d	a
Round 4 Preferred Project 1 (Dogger Bank South West)	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	495km2. 1500MW	275.8															Pre-application	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	e	d	d	d	d	d	f
Round 4 Preferred Project 2 (Dogger Bank South East)	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	493km2. 1500MW	301.6															Pre-application	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	e	d	d	d	d	d	f
Round 4 Preferred Project 3 (Outer Dowsing)	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	499km2. 1500MW	248.9															Pre-application	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	e	d	d	d	d	d	f
Morecambe Offshore Windfarm Generation Assets	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	480MW Capacity, Area: 497km2	0.0															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	c	c	c	c	e	c	c	c	c	c	c

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Routine operational and maintenance activities at five Offshore Substations (Barrow, Ormonde, Lincs, Westermost Rough, and Gunfleet Sands)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	An application is being submitted for routine operational and maintenance (O&M) activities on the Offshore Substation Platforms (OSPs) of the following offshore wind farms: • Barrow; • Ormonde; • Lincs; • Westermost Rough; and • Gunfleet Sands.	19.7																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00100/1	d	c	d	a	c	a	a	d	d	d	a
RWE Renewables Ireland Site Investigations FS007188 for the proposed Dublin Array Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Foreshore Licence to undertake geotechnical and geophysical site investigations and ecological, wind, wave and current monitoring to provide further data to refine wind farm design, cable routing, landfall design and associated installation methodologies for the proposed Dublin Array offshore wind farm.	134.5															Operational	gov.ie - FS007188. RWE Renewables Ireland, Site Investigations for the proposed Dublin Array Offshore Wind Farm (www.gov.ie)	d	d	d	c	e	d	e	d	d	d	a
Saint-Brieuc	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	496MW. Construction on the project started in 2019, while commissioning is scheduled for 2023. 62 turbines. A 225kV offshore substation will also be placed on a jacket foundation in the middle of the wind farm.	533.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.iberdrola.com/about-us/lines-business/flagship-projects/saint-brieuc-offshore-wind-farm	d	d	d	a	d	d	d	d	d	d	a
Sceirde (Skerd) Rocks Windfarm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Proposed offshore windfarm consisting of 30 turbines with gravity based fixed bottom foundations with a 450 MW capacity.Application submitted to An Board Pleanala on 16/01/2025.	386.4															Submitted but not yet determined	https://www.4coffshore.com/windfarms/ireland/sceirde-(skerd)-rocks--ireland-ie05.html https://www.pleanala.ie/en-ie/case/321697	d	d	d	d	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Sceirde (Skerd) Rocks - Site investigations	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Application relating specifically to a foreshore license for site investigation activities in the wind farm array area only to support the accelerated delivery of the Sceirde Rocks Windfarm. Surveys took place from September 2023 to November 2023.																Submitted but not yet determined	gov.ie - FS007161 Fuinneamh Sceirde Teoranta - Site Investigations for the proposed Sceirde Rocks Offshore Wind Farm (www.gov.ie) https://www.sceirderockswindfarm.ie/blog/2023/12/19/sceirde-rocks-windfarm-completes-ocean-surveys-19th-december-2023/	d	d	d	d	d	d	d	d	d	d	d
Scroby Sands OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	60MW Capacity,	325.2															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://portal.medin.org.uk/portal/?tpc=015_8a0ea910fd535acfa51878f305a4d511&license	d	d	d	d	d	d	d	d	d	d	a
Sea Stacks	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Proposed offshore l windfarm. Expected 800MW Capacity, Area: 160km2, off the coast of South Dublin and North Wicklow.	121.5															Pre-application	Digitised from screenshot of 4C Offshore Webmap https://map.4coffshore.com/offshorewind/	d	d	d	e	e	d	e	d	d	d	e
Seagreen 1A Wind Farm Firth of Forth	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	1.5GW from 150 wind turbines	311.6															Permitted but not yet implemented	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/marine-licence-construction-export-cable-seagreen-1a-export-cable-corridor-firth-forth	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Seagreen Alpha and Bravo Offshore Wind Farms (Optimised Project)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Improved designs for the Seagreen Alpha and Seagreen Bravo Offshore Wind Farms since Project Alpha and Project Bravo were consented in 2014	299.8															Submitted but not yet determined	https://marine.gov.scot/ml/seagreen-alpha-and-bravo-offshore-wind-farms-optimised-project	d	d	d	d	d	d	d	d	d	d	f
Seagreen Phase 1 Windfarm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The Seagreen project, 27 km off the Angus coastline. 150 wind turbines.	299.9															Under Construction	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.688653%2C-2.570552%2C8.46 https://marine.gov.scot/ml/seagreen-alpha-and-bravo-offshore-wind-farms	d	d	d	d	d	d	d	d	d	d	a
Seastar (Seamade)	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Inaugrated in October 2021. 252MW	444.4															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.power-technology.com/projects/seamade-offshore-wind-farm-north-sea/	d	d	d	d	d	d	d	d	d	d	a
Setanta (Braymore Point)	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Proposed offshore windfarm, Up to 1GW Capacity, Expected for commision in 2027. Area: 444km2	107.7															Pre-application	https://www.sserenewables.com/braymorewindpark	d	d	d	c	e	d	d	d	d	d	f
Setanta offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Proposed offshore wind farm, Up to 1 GW Capacity. Expected for commision in 2027. Area: 444 km2	113.7															Pre-application	https://www.sserenewables.com/braymorewindpark	d	d	d	c	e	d	d	d	d	d	d
Severn Barrage	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The Severn Barrage is a proposed tidal power station to be built across the Bristol Channel. A total of 214 40MW turbines would be built into the barrage	265.0															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://www.reuk.co.uk/wordpress/tidal/severn-barrage-tidal-power/	d	d	d	d	d	d	d	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Shelmalere OWF	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Expected to have a capacity of 1GW. Planning consent application expected to be submitted 2024, cosntruction to commence 2028 and comissioning in 2030	200.9															Pre-application	Digitised from screenshot of 4C Offshore Webmap https://map.4coffshore.com/offshorewind/	d	d	d	c	e	d	d	d	d	d	e
Sheringham Shoal Extension OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Joint application with Dudgeon extenion. Shared point of connection at the National Grid Norwich Main substation. These extension projects will have a combined generating capacity of 719MW .	258.7															Submitted but not yet determined	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/projects/eastern/sheringham-and-dudgeon-extension-projects/?incsection=docs	d	d	d	d	d	d	d	d	d	d	a
Sheringham Shoal OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	317 MW Capacity,	261.9															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 http://sheringhamshoal.co.uk/downloads/Appendix%205%20-%20Marine%20Licence%20v2.pdf	d	d	d	d	d	d	d	d	d	d	a
Simply Blue Emerald	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Proposed capacity of up to 1GW. Scoping report submitted 12th January 2023.	359.2															Pre-application	https://www.gov.ie/en/foreshore-notice/3590d-fuinneamh-sceirde-teoranta/	d	d	d	c	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Simply Blue Energy (Kinsale) Limited Ref No. FS007139	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, benthic sampling, geotechnical, wind resource monitoring, metocean surveys, nearshore and intertidal survey, bird and marine mammal surveys. The intention is to begin Geophysical Survey activities in spring/summer 2021 with a staged series of investigations over the subsequent five years as the project reaches the detailed design stage. No licence issued.	359.2															Submitted but not yet determined	gov.ie - Simply Blue Emerald Site Investigations for possible Floating Offshore Wind project off Kinsale (www.gov.ie)	d	d	d	c	e	d	d	d	d	d	f
SmartBay Offshore Test Site	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Ireland's national marine test and demonstration facility, 4.5 km east of Spiddal and 1.5 km offshore.	345.8															Operational	https://www.smartbay.ie/facilities	d	d	d	a	d	d	d	d	d	d	a
Solway Firth- Venturi Enhanced Turbine Technology	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	100MW Capacity. The Solway Energy Gateway is a sustainable, renewable energy project to create an "electric bridge" across the Solway Firth.	108.9															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://www.solwayenergygateway.co.uk/	d	d	d	d	e	d	d	d	d	d	f
Sound of Islay Tidal Energy Project	Offshore Renewables	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	The proposed tidal array will have an installed capacity of up to 10MW. Sound of Islay, between the Isle of Jura and mainland Scotland. Gravity base foundations. The project has full consent, grid and an agreement for lease from the Crown Estate. Atlantis intended to build out the site in 2018, however at the time of writing there has been no further progress in development of the site.	233.0															Permitted but not yet implemented	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	d	d	d	d	d	d	e

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
South Irish Sea OWF	Offshore Renewables	Tier 3	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Concept/Early Planning. 1330MW Capacity	170.0															Pre-application	https://www.gov.ie/en/foreshore-notice/61ccf-simply-blue-emerald-site-investigations-for-possible-floating-offshore-wind-project-off-kinsale/	d	d	d	e	e	d	d	d	d	d	f
South Pembrokeshire Demonstration Zone	Offshore Renewables	Tier 2	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Area - 90 km2. It has the potential to support three wave energy arrays of up to 30 MW generating capacity each. Scoping opinion issued by NRW in April 2023.	269.2															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wave-site-agreements-england-wales-ni-the-crown-estate.csv?outSR=%7B%22latestWkid%22%3A4326%2C%22wkid%22%3A4326%7D https://publicregister.naturalresources.wales/Search/Results?SearchTerm=SC2301.	d	d	d	c	e	d	d	d	d	d	d
SSE Renewables Celtic Sea Ref No. FS006983 Celtic Sea (Coast Co. Wexford/Waterford)	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Geophysical, geotechnical, wind resource and metocean, topographic, environmental. Licence expected to start in 2019 but no licence issued.	260.6															Submitted but not yet determined	gov.ie - SSE Renewables Celtic Sea (www.gov.ie)	d	d	d	c	e	d	d	d	d	d	f
Strangford Lough	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Testing of a 3m wing tidal turbine	95.8															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://minesto.com/strangford-lough/	d	d	d	a	d	d	d	d	d	d	a
Strangford Lough Array	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Commissioned 2008, 1.2MW. Two 600kW tidal turbines.	95.5															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	a	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Strumble Head tidal energy project	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Plans to install the first community owned and led tidal flow project in Wales	214.1														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://transitionbrogwaun.org.uk/tidal-energy-project/	d	d	d	d	e	d	d	d	d	d	e
Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations FS007339	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Boreholes, CPT, vibrocores, floating lidar deployment, sediment dynamic measurments, beach trial pits.	165.2														Operational	gov.ie - Sure Partners Arklow Bank Wind Park Phase 2 Site Investigations (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Talisk offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Total capacity 500 MW, floating offshore wind farm. 35 km offshore from the Western Isles.	535.1														Pre-application	https://www.magnoraoffshorewind.com/talisk/	d	d	d	c	e	d	d	d	d	d	f
Teesside OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	62.1MW Capacity Area 10km2	146.0														Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	d	d	d	d	d	d	d	a
Testing of Deep Green OceanKite	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Testing of Deep Green OceanKite, Ballyhenry Bay, Strangford Lough	97.5														Under Construction	https://www.daera-ni.gov.uk/publications/ml-2714-ballyhenry-bay-strangford-lough	d	d	d	d	e	d	d	d	d	d	f
Thames at Chiswick	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Proposed Device - Triton T3, 1:10 Scale	302.8														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Thanet OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	300MW Capacity Area 13.5km2	388.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=k8ma0lmi2rq53muoc1hvmqf82as4m701kacbf7jim1d43md8l2794lsrqks2s6f389ncrrak0phj30068288afb55pa5rp10dnca&resume=1	d	d	d	d	d	d	d	d	d	d	a
Bowdun Offshore Wind Project	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	(Scotwind Award E3) Scotwind area awarded to DEME as part of the ScotWind leasing round. 1GW	353.0															Pre-application	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::scotwind-offers-crown-estate-scotland/explore?location=57.429630%2C-3.326434%2C8.23	d	d	d	d	d	d	d	d	d	d	f
Thornbank OEF (C-Power (Zone B))	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	3.25GW Area - 19.84 km2 Water Depth 12-27.5km	455.9															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.c-power.be/index.php/general-info/project-details	d	d	d	g	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Torr Head tidal site	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	100MW tidal energy array project. Scoping request submitted in 2013. Consent given in 2017 with construction starting in 2018. 4-6 turbines.	175.0															Abandoned	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.447569%2C-3.403240%2C8.50 https://www.daera-ni.gov.uk/publications/tidal-ventures-limited-proposed-torr-head-tidal-scheme-eia-scoping-opinion https://www.daera-ni.gov.uk/publications/marine-licence-ml11515-torr-head-tidal-array#:~:text=Project%20Description%3A%20The%20Torr%20Head,Tidal%20Ventures%20Limited%20(TVL). https://tethys.pnnl.gov/project-sites/torr-head-project	d	d	d	a	d	d	d	d	d	d	a
Tralee offshore wind project	Offshore Renewables	Tier 3	Low – There is a lack of robust data and information in the public domain which is outwith the Applicant's control	Capacity of up to 2.5 GW.	416.6															Pre-application	https://www.thewindpower.net/windfarm_en_17140_gansu-datang-yumen-diwopu.php	d	d	d	c	e	d	d	d	d	d	e
Triton Knoll OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	857MW Capacity	229.4															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN010005/EN010005-000007-Secretary%20of%20State%20final%20Development%20Consent%20Order .pdf	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Tulca Offshore Array Phase 1	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	First stage of Tulca Offshore Array. Surveys to set up second phase.	428.8														Pre-application	https://tulcaoffshorearray.ie/	d	d	d	e	e	d	d	d	d	d	f
Tulca Offshore Array Phase 2	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Second stage of Tulca Offshore Array.	427.3														Pre-application	https://tulcaoffshorearray.ie/	d	d	d	c	e	d	d	d	d	d	f
Twin Hub	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Two floating offshore wind platforms, each with two wind turbines. Installed capacity of 32 MW.															Pre-application	https://www.twinhub.co.uk/about/#Location	d	d	d	c	c	d	d	d	d	d	d
Urban Sea offshore wind project	Offshore Renewables		High – Data has been obtained from the developer's website or a consenting authority's portal	Floating offshore wind farm off the south east coast of Ireland.	488.4														Pre-application	https://www.4coffshore.com/windfarms/ireland/urban-sea-ireland-ie46.html	d	d	d	c	e	d	d	d	d	d	f
Valentia Phase 1 offshore wind project	Offshore Renewables		High – Data has been obtained from the developer's website or a consenting authority's portal	Up to 92 floating wind rutbines, potentially split between two array areas, capacity up to 920 MW.	505.9														Pre-application	https://vienergy.ie/project-site/	d	d	d	c	e	d	d	d	d	d	f
Valentia Phase 2 offshore wind project	Offshore Renewables		High – Data has been obtained from the developer's website or a consenting authority's portal	Up to 62 floating wind turbines, capacity up to 620 MW.	506.9														Pre-application	https://vienergy.ie/project-site/	d	d	d	c	e	d	d	d	d	d	f
Voyage offshore wind project	Offshore Renewables		High – Data has been obtained from the developer's website or a consenting authority's portal	Floating offshore wind farm off the south coast of Ireland, predominantly off County Waterford.	362.4														Abandoned	https://voyageoffshorearray.ie/	g	g	g	g	g	g	g	g	g	g	g

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Walney 1 OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	183.6MW Capacity, 36.5km2	11.4															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://www.bluetransmission.com/sitemanager/uploads/files/Walney%201%20Decommissioning%20plan.pdf	a	b	a	a	c	a	a	d	a	c	a
Walney 1&2 Offshore Wind Farms O&M Marine Licence	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Removal of marine growth and/or guano, Replacement of corrosion protection anodes, Painting or other coatings, Modifications to J-tubes, Replacement of access ladders, Major component replacement.	10.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00151/3	c	c	a	a	c	a	a	d	a	d	a
Walney 2 Offshore Wind Farm, Composite Operational and Maintence (O&M) Marine Licence Application	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	This licence allows for the recovery, repair and replacement of up to 4 breakages over the lifetime of the cable, with each breakage up to 0.2km	10.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00429/1	c	c	a	a	c	a	a	d	d	c	a
Walney 2 OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	183.6MW Capacity, 36.5km2	10.2															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	a	b	a	a	c	a	a	d	a	c	a
Walney Extension 3 OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	330MW Capacity	5.7															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	a	b	a	a	c	a	a	d	a	c	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Walney Extension 4 OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	329MW Capacity	6.1															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	a	b	a	a	c	a	a	d	a	c	a
Walney Extension blade tip boosters	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	This licence allows for adding aerodynamic tip boosters to each blade (87 wind turbines so 261 total blades), which will increase the rotor diameters for Walney 3 from 164 m to 165 m, and from 154 m to 155.3 m for Walney 4.	570.9															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/?thread_id=mppl0e7d0hmpvr604793hmndumpes5mi1l724bt0lcme7kb0flnhdd732dqsbc4jqfm9guur0e3g6o6oej0e9cho53i6qikpkh5u&resume=1	d	d	d	d	d	d	b	d	d	d	a
Walney Extension pontoon/jetty dredging and disposal	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A Marine Licence is being sought for dredging and associated disposal activities for the Walney Extension Offshore Wind Farm operations and maintenance (O&M) base at the Port of Barrow.	20.0															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00403	d	c	c	a	d	a	a	d	a	d	a
Walney Extension pontoon/jetty dredging and disposal	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A Marine Licence is being sought for dredging and associated disposal activities for the Walney Extension Offshore Wind Farm operations and maintenance (O&M) base at the Port of Barrow.	30.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00403	d	d	d	a	d	a	a	d	d	d	a
Walney Extension pontoon/jetty dredging and disposal	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A Marine Licence is being sought for dredging and associated disposal activities for the Walney Extension Offshore Wind Farm operations and maintenance (O&M) base at the Port of Barrow.	30.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00403	d	d	d	a	d	a	a	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A maximum of 10 cable repairs or replacements over the remaining lifetime of the project.	11.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2013/00426/2	c	c	a	a	c	a	a	d	d	d	a
Walney Offshore Wind Farm Operational Marine Licence - Inter Array Cable Repair	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A maximum of 10 cable repairs or replacements over the remaining lifetime of the project.	10.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2013/00426/2	c	c	a	a	c	a	a	d	d	d	a
Walney Offshore Wind Farm Operational Marine Licence - Phase 1 Export Cable	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	An operational marine licence is sought for emergency export cable repairs over the operational life time of the Walney Offshore Wind Farm export cables.	15.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00028/5	c	c	a	a	c	a	a	d	a	d	a
Walney Offshore Wind Farm Operational Marine Licence - Phase 2 Export Cable	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	An operation Marine Licence is sought for emergency export cable repairs over the operational life time of the Walney Offshore Wind Farm export cables	11.9															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00027/7	c	c	a	a	c	a	a	d	a	d	a
Walney Offshore Wind Farm, Composite Operational and Maintence (O&M) Marine Licence Application	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	This licence allows for the recovery, repair and replacement of up to 4 breakages over the lifetime of the cable, with each breakage up to 0.2km.	15.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00081/2	c	c	a	a	c	a	a	d	a	d	a
Wave Dragon Project Milla Fjord – Wave Energy Project	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	4MW Wave dragon. Milford Haven.	256.5															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://tethys.pnnl.gov/project-sites/wave-dragon-project-milla-fjord-site	d	d	d	a	e	d	d	d	d	d	e
Wave net Array	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Wave demonstrator project the Isle of Muck.	332.5															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.webarchive.org.uk/wayback/archive/20160403052804/ http://www.gov.scot/Topics/marine/Licensing/marine/scoping/wavenet	d	d	d	d	d	d	d	d	d	d	a

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
WaveHub (Hayle)	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	20MW Capacity	398.9														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://celticseapower.co.uk/		d	d	d	a	d	d	d	d	d	d	a
WaveHub Gwave	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	9MW	393.8														Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://www.offshore-energy.biz/gwave-secures-marine-license/		d	d	d	d	d	d	d	d	d	d	a
WaveWest Deomonstration project	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	The WestWave project is a "pre-commercial" or "demonstration" project of 5MW.	393.8														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php		d	d	d	d	e	d	d	d	d	d	f
Morlais (West Anglesey Demonstration Zone tidal site)	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	35km2. The application was submitted in the autumn of 2019 consent was awarded in December 2021. 240MW	78.7														Permitted but not yet implemented	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.447569%2C-3.403240%2C8.50 https://www.morlaisenergy.com/		d	d	d	c	c	d	d	d	d	d	a
West Cumbrian Tidal Lagoon	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	A tidal power gateway and road link across Morecambe Bay and the Duddon Estuary. 130 tidal turbines.	71.6														Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php http://www.tidallagoonpower.com/investment/		d	d	d	d	e	e	e	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
West Islay Tidal Energy Farm	Offshore Renewables	Tier 1	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	An offshore tidal generating station, known as the West Islay Tidal Energy Park, 6km off the south west coast of Islay, shall have a permitted generating capacity not exceeding 30MW	236.2															Operational	Emodnet https://www.emodnet-humanactivities.eu/view-data.php https://marine.gov.scot/ml/west-islay-tidal-energy-park-project	d	d	d	d	d	d	d	d	d	d	a
West of Duddon Sands Offshore Wind Farm O&M Marine Licence	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Removal of marine growth and/or guano, Replacement of corrosion protection anodes, - Painting or other coatings, Modifications to J-tubes, - Replacement of access ladders, Major component replacement	6.5															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00150/3	c	c	a	a	c	a	a	d	a	d	a
West of Duddon Sands OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	389MW Capacity	6.5															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09 https://www.power-technology.com/projects/west-of-duddon-sands-offshore-wind-farm/	a	b	a	a	c	a	a	d	a	d	a
West of Duddon Sands Pontoon Dredging Marine Licence	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Maintenance Dredging-up to 12520m3	30.3															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00371	d	c	c	d	d	a	a	d	a	d	a
West Somerset Tidal Lagoon	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Tidal Lagoon and associated electricity generating infrastructure with a generating capacity of circa 2.8GW per annum. A continuous breakwater wall spanning from Culvercliff in Minehead to Lilstock	279.7															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	a	e	d	d	d	d	d	f

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Westermost Rough OWF	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	210MW capacity, 35km2 Area	187.1															Operational	The Crown Estate https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::wind-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.764941%2C-1.251504%2C8.09	d	d	d	a	d	d	d	d	d	d	a
Western Star Wave	Offshore Renewables	Tier 2	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	Pre-commercial demonstration wave energy conversion project located 4-6km offshore Co. Clare, starting with 5MW of capacity.	393.8															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	d	d	d	e	d	d	d	d	d	f
Wyre Barrage	Offshore Renewables	Tier 3	Medium - Third party project details published in the public domain but not confirmed as being 'accurate' by the developer.	90MW/hr Capacity proposed installed capacity	15.5															Pre-application	Emodnet https://www.emodnet-humanactivities.eu/view-data.php	d	e	e	d	e	e	e	d	d	d	f
Blackwater OWF	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Blackwater is a 1,500MW floating offshore wind farm located in the Celtic Sea, offshore County Wexford. Planning permission expected 2026. Fully comissioning expected 2030. 83 to 100 turbines.	265.5															Pre-Application	https://blackwateroffshorewind.com/ https://www.flotationenergy.com/projects/blackwater	d	d	d	c	e	d	d	d	d	d	d
Celtic One	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	800MW Site, Fixed offshore wind, Phase 1 of 2, This site is located approximately 8km south of Ballycotton off the coastline of East Cork.	326.3															Pre-Application	https://www.celticoneoffshorewind.ie/ https://www.offshorewind.biz/2022/04/12/edf-renewables-dp-energy-pinpoint-celtic-sea-site-for-1-gw-floating-wind-project/	d	d	d	e	e	d	e	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Celtic Two – Floating Offshore Wind Project	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	800MW Site, Floating offshore wind, Phase 2 of this site is located approximately 27km south of Ballycotton and beyond the 12nm limit	349.3															Pre-Application	https://www.celticoneoffshorewind.ie/ https://www.offshorewind.biz/2022/04/12/edf-renewables-dp-energy-pinpoint-celtic-sea-site-for-1-gw-floating-wind-project/	d	d	d	e	e	d	e	d	d	d	d
Clarus Offshore Wind Farm	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Up to 1,000MW site, Floating offshore wind, 70 x 15MW Turbines. Construction expected to commence in 2028 and comissioning in 2030	339.1															Pre-Application	https://clarusoffshorewindfarm.com/clarus-offshore-wind-farm/	d	d	d	c	e	d	d	d	d	d	d
Draig y Môr	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	100MW site	95.3															Pre-Application	https://www.thewindpower.net/windfarm_en_30009_draig-y-mor.php	d	e	e	e	e	e	e	d	d	d	d
foriel	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Greystones is a 1,000MW fixed offshore wind farm located in the Irish Sea, Southeast of Dublin. Planning permission expected 2026. Fully comissioning expected 2030	123.0															Pre-Application	https://www.flotationenergy.com/projects/greystones https://greystonesoffshorewind.com/ https://www.gov.ie/en/foreshore-notice/30cd8-fs007367-greystones-owl-windfarm-ltd/	d	d	d	c	e	d	d	d	d	d	d
Gwynt Glas	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	1,000MW site. Planned floating offshore wind farm off the coast of Pembrokeshire.	308.3															Pre-Application	https://www.edf-re.uk/our-sites/gwynt-glas/ https://www.gwyntglas.com/cym/	d	d	d	e	e	e	e	d	d	d	d
Haven Offshore Array	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Mixture of static and floating wind turbines, located off the north coast of county Donegal. 1,324km2.	247.8															Pre-Application	https://havenoffshorearray.ie/ https://www.gov.ie/en/foreshore-notice/6c184-fs007434-haven-offshore-array-limited-site-investigations-for-proposed-offshore-wind-farm-off-county-donegal/	d	d	d	c	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Inis Offshore Wind Munster	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	1,000MW Site	326.5															Pre-Application	https://inisoffshorewind.ie/	d	d	d	c	e	d	d	d	d	d	d
The Llyr Offhsore Wind Project (Llyr 1 and Llyr 2)	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	200MW offshore wind power project. It is planned in Celtic Sea, Wales, the UK. Application and ES has been submitted.Installation target of 2027. A single planning application for Llyr 1 and Llyr 2. Each of the Llyr projects is 100MW in size and a demonstartion project. they are differentiated as each Llyr project is demonstrating different technologies.	287.0															Submitted but not yet de	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=SC2202&sortBy=Relevance&filters%5BLocation%5D=&filters%5BLocalAuthority%5D= https://www.llyrwind.com/	d	d	d	c	d	d	d	d	d	d	d
Llywelyn	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	300MW site. 20 Turbines. Welsh waters in the Celtic Sea, 40 miles off the coast of Pembrokeshire.	315.2															Pre-Application	https://llywelynwind.co.uk/	d	d	d	c	e	d	d	d	d	d	d
Loch Garman	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	750MW Site, In January 2021, ESB submitted a Foreshore License application to the Department of Housing, Local Government and Heritage for site investigation work. Anticipated final area in order of 130 -160km2	193.2															Pre-Application	https://www.lochgarmanoffshorewind.ie	d	d	d	c	e	d	d	d	d	d	d
Mac Lir offshore wind project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Over 22 km offshore the east coast of Ireland. Potential capacity of over 700 MW.	182.8															Pre-application	https://macliroffshorewind.ie/about-project	d	d	d	c	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Machair Wind	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	2,000MW site. Announced. Fixed wind project off the coast of Islay. Concept Early Planning. Area 17 of Scotwind	253.7															Pre-Application	https://anonw.com/2022/03/27/scotwind-offshore-wind-leasing-delivers-major-boost-to-scotlands-net-zero-aspirations/ https://www.crownestatescotland.com/our-projects/scotwind	d	d	d	c	e	d	d	d	d	d	d
Merlin	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	300MW site. Floating site	366.2															Pre-Application	Merlin (United-Kingdom) - Wind farms	d	d	d	e	e	d	d	d	d	d	d
Morewind	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	300MW site	347.4															Pre-Application	https://www.thewindpower.net/windfarm	d	d	d	e	e	d	d	d	d	d	d
North Channel Wind 1	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	300MW site.prospective floating offshore wind farm being investigated between 10-25km from the coast of Northern Ireland. Site area of approx. 94km2. 15-20 Turbines	134.5															Pre-Application	https://northchannelwind.com/ https://northchannelwind.com/projects	d	d	d	c	e	d	e	d	d	d	d
North Channel Wind 2	Offshore Renewables	Tier 2	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Prospective floating offshore wind farm being investigated between 10-25km from the coast of Northern Ireland. Site area of approx. 38km2. Using Tension Leg platform. 5-7 Turbines	106.5															Pre-Application	https://northchannelwind.com/ https://northchannelwind.com/projects	d	d	d	c	e	d	e	d	d	d	d
Robin Rigg West	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	90MW Capacity consisting of 30 Turbines. Robin Rigg offshore wind farm is located in the Solway Firth on the Scottish side of the Scottish / English Border.	73.3															Operational	Crown Estate Scotland https://crown-estate-scotland-spatial-hub-coregis.hub.arcgis.com/datasets/coregis::offshore-wind-crown-estate-scotland/explore?location=56.859097%2C-2.727644%2C8.41	d	d	d	a	c	d	d	d	a	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Shearwater One	Offshore Renewables	Tier 3	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	3,000MW site. wind-SMR (Small Modular Reactor) and hydrogen production hybrid energy project Latitude: 55° 34' 12" Longitude: -6° 55' 11.9"	244.9															Pre-Application	https://shearwaterenergy.co.uk/wylfa-smr-wind-hybrid-power https://www.thewindpower.net/windfarm_en_32949_shearwater-one.php	d	d	d	d	e	d	d	d	d	d	d
White Cross	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	100MW site. Up to 8 Turbines, off of the Devon and Cornwall Coast. Scoping report submitted.	311.3															Permitted but not yet imp	https://whitecrossoffshorewind.com/ https://whitecrossoffshorewind.com/wp-content/uploads/2022/03/PC2978_RHD-ZZ-XX-RP-Z-0009-White-Cross-Offshore-Windfarm-EIA-Scoping-Report.pdf	d	d	d	c	c	d	d	d	d	d	d
Eni Hynet – Carbon Capture Project	Offshore Renewables	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	CCS project in the east Irish Sea. Works will include installation of a new cable, a new Douglas CCS platform and work on the existing Hamilton, Hamilton North and Lennox wellhead platforms.	5.7															Submitted but not yet determined	https://www.eni.com/en-IT/operations/united-kingdom-hynet-north-west.html https://www.gov.uk/government/publications/hynet-carbon-dioxide-transportation-and-storage-project-offshore	c	c	c	c	e	d	c	d	c	d	d
Ayre Offshore Wind Farm	Offshore Renewables	Tier 2	High - Third party project details published in the public domain and confirmed as being 'accurate' .	TWP's Ayre Offshore Wind Farm will be 1GW of renewable energy. Located to the east of Orkney with 40 to 60 turbines.	532.8															Pre-application	Ayre | Thistle Wind Partners	d	d	d	d	d	d	d	d	d	d	f
White Cross	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	100 MW site. Planned floating offshore wind farm off the coast of Pembrokeshire. Comprises up to 18 wind turbines.	311.3															submitted but not yet determined	https://whitecrossoffshorewind.com/offshoreapplication/	d	d	d	c	c	d	d	d	d	d	f
Project Saoirse Wave	Offshore Renewables	Tier 3	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	Pre-commercial demonstration wave energy conversion project located 4 to 6 km offshore Co. Clare, starting with 5 MW of capacity. One of the two Western Star Projects.	372.4															Pre-application	https://simplybluegroup.com/project/saoirse-wave-energy/	d	d	d	c	e	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Malin Sea Wind	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	100 MW floating offshore wind project off the coast of Northern Ireland. Application to be submitted in 2026.	220.4															Pre-application	https://w3.windfair.net/wind-energy/news/43607-esb-floating-wind-farm-mw-offshore-malin-sea-crown-estate-scotland-deveooper-right-scotland-northern-ireland https://www.malinseaoffshorewind.com/info	d	d	d	c	e	d	d	d	d	d	d
East Irish Sea Transmission Project	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Transmission Assets for the Moor Vannin Offhsore Windfarm which includes the Offshore Export Cables, an Offshore Booster Station (in the event of HVAC), landfall infrastructure, Onshore Export Cables, an Onshore Substation and Grid Connection Cables to connect to a National Grid Substation at Penwortham. Scoping Report published August 2025	0.0															Pre-application	Mooir Vannin Offshore Wind Farm | Ørsted (orsted.im) https://cdn.orsted.com/-/media/www/docs/corp/uk/eistp/august-25/mv01tscopingreportfinalopt3-09450605a.pdf?rev=394c2616323d4b879b6a76ccc2247cd1&hash=05008BA134C1B69B537CB1216DFD94CE https://eastirishseatransmissionproject.co.uk/	N/A	N/A	N/A	c	c	e	e	c	c	d	c
Outer Dowsing Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Area of 499 km2, 1,500 MW capacity.	248.9															submitted but not yet determined	https://www.outerdowsing.com/	d	d	d	d	d	d	d	d	d	d	d
BayWa – Floating Offshore Wind Project (Buchan Offshore Windfarm)	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	960 MW floating offshore wind project, part of Scotwind Leasing. Offshore scoping report submitted in September 2023.	492.0															Pre-application	The next generation of floating solar power (baywa-re.com)	d	d	d	d	d	d	d	d	d	d	d
Stromar – Floating Offshore Wind Project	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Offshore floating wind project, 1,000 MW capacity, part of the Scotwind Leasing Round.	492.6															Pre-application	https://stromarwind.co.uk/wp-content/uploads/2024/01/STR01_DEV_CON_OFF_Offshore_Scoping_Report-08578735_A_compressed-1.pdf	d	d	d	d	d	d	d	d	d	d	d
Seagreen Phase 1A Offshore Transmission Connection	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The connection of the remaining 36 consented turbines of the Seagreen project into Cockenzie. Approved in August 2023.	218.1															Pre-application	https://www.sserenewables.com/offshore-wind/projects/seagreen/ https://www.seagreen1a.com/	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Billia Croo Wave Test Site	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The EMEC grid-connected wave test site was constructed in 2003, and is ideally placed on the western edge of the Orkney mainland, at Billia Croo outside Stromness. The site consists of five cabled test berths in up to 70m water depth (four at 50m, one deeper), located approximately 2km offshore and 0.5km apart. In addition to this, a near shore berth is situated closer to the substation for shallow water projects.	542.4															Operational	https://www.emec.org.uk/facilities/wave-test-site/ https://www.emec.org.uk/about-us/wave-clients/marine-power-systems/ https://marine.gov.scot/node/23653	d	d	d	d	d	d	d	d	d	d	d
Scapa Flow Wave Test Site	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Construction of the EMEC Scapa Flow scale wave test site was completed in 2011 and EMEC welcomed their first client on site in 2012. The EMEC wave test site at Scapa Flow is expected to continue to be operational so long as there is a need for testing in the benign real-sea regime the site enjoys. The area is 0.4km across and approximately 0.9km in length situated in water depths of 21-25m with a predominant westerly wave regime.	537.1															Operational	https://www.emec.org.uk/facilities/scale-test-sites/ https://tethys.pnnl.gov/project-sites/emec-scapa-flow-scale-wave-test-site	d	d	d	d	d	d	d	d	d	d	d
New Mooring - Deer Sound, Orkney.	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Orbital Marine Power (Orkney) plc will deploy the Orbital O2 2MW tidal turbine at the EMEC Fall of Warness test site in Orkney in 2020 for a long-term deployment of up to 17 years. In order to perform certain maintenance tasks on the turbine or infrastructure on site, the O2 2MW turbine will need to be removed for varying periods of time. It is proposed that a simple mooring is established in a sheltered location, and a location in Deer Sound has been selected for this purpose.	546.7															Operational	https://marine.gov.scot/ml/marine-licence-new-mooring-deer-sound-orkney-07168	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Ayre Offshore Wind Farm	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	50 to 60 floating offshore wind turbines 33 km east from Deerness, Orkney Islands. Proposed to be built in two stages between 2029 and 2033.	532.8															Pre-Application	https://www.thistlewindpartners.scot/ayre/	d	d	d	d	d	d	d	d	d	d	d
Bowdun Offshore Wind Farm	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	TWP's Bowdun Offshore Wind Farm will contribute more than 1GW of renewable energy to the National Grid, which is enough to power more than 1.2 million households. Located off the Aberdeenshire coast, the wind farm will be made up of fixed foundation turbines. While we are currently in the early development phase of the project, we anticipate that construction will begin in 2029 with first power produced from 2032.	353.0															Pre-Application	https://www.thistlewindpartners.scot/bo	d	d	d	d	d	d	d	d	d	d	d
Flora – floating innovation project	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	In March 2023, bp was successful in its bid to develop its innovation demonstrator floating offshore wind project off the coast of Aberdeenshire.	414.8															Pre-planning	https://www.bp.com/en_gb/united-king	d	d	d	c	d	d	d	d	d	d	d
Salamander Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Installation of a floating wind farm off the coast of Peterhead with an installed capacity of up to 100 MW consisting of up to 7 offshore floating wind turbines. EIA scoping report submitted in February 2023.	425.8															Pre-Application	https://marine.gov.scot/ml/marine-licence-construction-and-operation-generating-station-and-offshore-transmission	d	d	d	c	d	d	d	d	d	d	d
Scarben Floating Offshore Wind Project	Offshore Renewables	Tier 2	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	99.5MW offshore wind power project. It is planned in North Sea, Scotland.	478.2															Pre-Application	https://scarabenwind.co.uk/library/	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Sinclair Floating Offshore Wind Project	Offshore Renewables	Tier 2	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	99.5MW offshore wind power project. It is planned in North Sea, Scotland.	478.8															Pre-Application	Scoping Report – Broadshore Hub Wi	d	d	d	d	d	d	d	d	d	d	d
Ramsey Sound Regeneration Project	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Cambrian Offshore SW Ltd was formed to gain the assets of TEL and the Ramsey Sound site and upgrade these to provide an operational tidal turbine and tidal energy site. Ramsey Sound is a key tidal deployment site, having consent, grid connection and ROC accreditation. The project will recover and refurbish the existing assets and redeploy the device with a new turbine to deliver electricity to the grid and importantly capture valuable data and learning.	237.8															Operational	https://interregtiger.com/expanding-the-marine-energy-market/development-sites-and-procurement/ramsey-sound/ https://opendata-thecrownestate.opendata.arcgis.com/datasets/thecrownestate::tidal-stream-site-agreements-england-wales-ni-the-crown-estate/explore?location=52.407333%2C-3.403240%2C7.78&showTable=true https://cambrian-offshore.com/ https://www.gov.uk/government/news/new-tidal-energy-device-to-make-waves-in-welsh-waters	d	d	d	c	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Dogger Bank D	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Capacity up to 2 GW. Dogger Bank D welcomed confirmation of a grid connection location in February 2024. The wind farm will connect into Birkhill Wood, a proposed new 400kV substation located in the East Riding of Yorkshire which will be developed and constructed by National Grid Electricity Transmission (NGET) and does not form part of the Dogger Bank D proposals. The proposed Dogger Bank D wind farm would be located in the eastern zone of the Dogger Bank C lease area, maximising the capacity of the existing acreage. EIA scoping report was submitted to the Planning Inspectorate in June 2024.	388.0															Pre-application	https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN010144/documents https://doggerbank.com/doggerbankd/	d	d	d	d	d	d	d	d	d	d	d
Cair Vie onshore wind farm	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	https://www.manxutilities.im/media/2881/manx-utilities-cair-vie-project-overview.pdf https://www.manxutilities.im/energy-transition/2024-scoping-	33.8															Pre-Application	Manx Utilities - 2024 - Scoping Report	d	d	d	c	d	d	d	d	d	d	d
Foel Fach Onshore Wind Farm	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	Development of National Significance (DNS): Construction and operation of up to 11 turbines, and associated infrastructure.	87.5															Pre-Application	https://foelfach.cymru/en/proposals/	d	d	d	d	d	d	d	d	d	d	d
North Sea Renewables Grid	Offshore Renewables	Tier 3	High – Data has been obtained from the developer's website or a consenting authority's portal	Located in the Central North Sea, there will be three connected wind farms (Aspen, Beech and Cedar), over 300 turbines, to generate 3GW+ of renewable green energy.	418.9															Pre-planning	https://ceruleanwinds.com/north-sea-re	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Cenos Offshore Wind Farm	Offshore Renewables	Tier 2	High – Data has been obtained from the developer's website or a consenting authority's portal	The Cenos Offshore Windfarm will consist of up to 95 wind turbines, with each one providing 15-22MW of electrical power. The turbines will be floating as the water depths exceed 90m, which means bottom-fixed foundations are not an economically viable solution. The wind turbines will be installed on floating substructures connected by mooring lines to anchoring points in the seabed to hold their position. The turbines will be positioned across a carefully selected Cenos wind farm array area of ~ 333km².	455.4															Pre-Application	https://marine.gov.scot/node/23676	d	d	d	d	d	d	d	d	d	d	d
Culzean Floating Offshore Wind Turbine Pilot Project	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The Culzean Floating Offshore Wind Turbine Pilot Project will comprise a single floating wind turbine, associated mooring and anchors, subsea export cable to the Culzean oil and gas platform and, where required, cable and scour protection. Construction due to start inAugust 2025 and last 30 days.	490.7															Permitted but not yet implemented	https://marine.gov.scot/ml/marine-licence-culzean-floating-offshore-wind-turbine-pilot-project-east-aberdeen-00010724	d	d	d	d	d	d	d	d	d	d	d
Judy	Offshore Renewables	Tier 3	Medium – Data has been obtained from the public domain but not from the developer's website or a consenting authority's portal	15 MW floating offhsore wind farm.	464.9															Pre-Application	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.crownestatescotland.com/sites/default/files/2024-05/OSW-factsheet-May%2024-WEB-FINAL.pdf https://www.4coffshore.com/windfarms/harbour-energy-south-intog-united-kingdom-uk8g.html	d	d	d	d	d	d	d	d	d	d	d

Table A.9: Offshore Cumulative Effects Matrix - Offshore Renewables - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Tidal Test Site: Strangford Lough at Portaferry & Marlfield Bay	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Tidal test site located in Strangford Lough	96.9															Operational	https://www.oceanenergy-europe.eu/industry-news/orpc-ireland-and-queens-university-belfast-successfully-deploy-tidal-device-in-strangford-lough/	d	d	d	c	d	d	d	d	d	d	d
Muir Mhòr Offshore Wind Farm	Offshore Renewables	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Scotwind area awarded to Vattenfall as part of the ScotWind leasing round. 798 MW	421.6															Under Construction	https://muirmhor.co.uk/ https://marine.gov.scot/node/24895	d	d	d	d	d	d	d	d	d	d	d

-100000 150000 400000 650000 900000 1150000

6500000 6250000 6000000 5750000

500 450 400 350 300 250 200 180 160 140 120 100 80 60 40 20

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Crown Estate Scotland - Tidal and Wind Site
- Crown Estate Scotland Offshore Wind
- Ocean Energy Site
- Ocean Energy Test Site
- Offshore Wind Mainland Europe
- Offshore Energy - Ireland
- Crown Estate Wave, Tidal, Natural Gas and Carbon Capture and Storage
- The Crown Estate Offshore Wind
- The Crown Estate Offshore Wind Cable Agreements
- UK Marine Licence applications
- Onshore Wind Farm
- Offshore Energy (Updated post submission)

MORECAMBE

Figure A.15

Drawing Number:

MC000037--CEA-011-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
OFFSHORE ENERGY PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

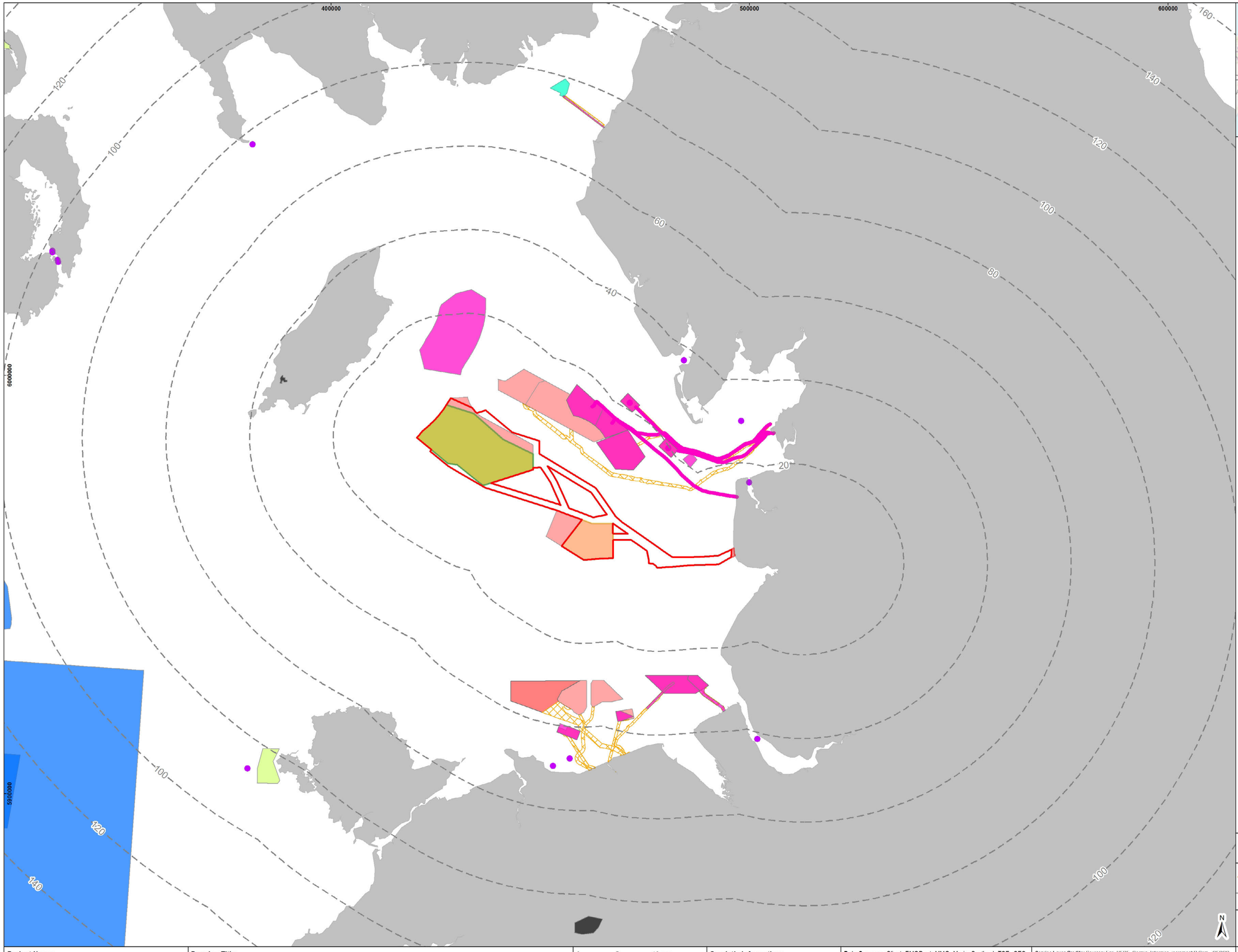
0 10 20 40 60 nm
0 25 50 100 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:3,800,000

Data Sources: Client, EMODnet, MMO, MarineScotland, TCE, CES, Gov.ie

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Offshore Energy - Ireland
- UK Marine Licence applications
- Crown Estate Scotland Offshore Wind
- Ocean Energy Site
- Ocean Energy Test Site
- Crown Estate Wave, Tidal, Natural Gas and Carbon Capture and Storage
- The Crown Estate Offshore Wind
- The Crown Estate Offshore Wind Cable Agreements
- Onshore Wind Farm

MORECAMBE

Figure A.16

Drawing Number:
MC000037-CEA-012-01

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** OFFSHORE ENERGY PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)	0 5 10 nm 0 10 20 km	**Geodetic Information:** Datum: ETRS 1989 Projection: ETRS 1989 UTM Zone 30N Scale@379mmx231mm: 1:800,000	**Data Sources:** Client, EMODnet, MMO, MarineScotland, TCE, CES, Gov.ie

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	25/08/25	Deadline 5	MJ	BM

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
110/12a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS block	11.7															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	a	a	a	d	a	d	a
110/13a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	9.8															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	f	f	d	f	a	a	d	a	d	a
110/13b	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS block	20.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	f	f	d	f	a	a	d	f	d	a
110/14a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	13.4															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	a	a	a	d	a	d	a
110/14c	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	11.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	a	a	a	d	a	d	a
110/15a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	8.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	a	a	a	d	a	d	a
110/2a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	a	a	d	a	a	a	a	a	d	a
110/2b	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5		d	f	f	d	f	f	a	a	a	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
110/2c	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	f	f	d	f	a	a	a	a	d	a
110/3a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
110/4a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	2.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	d	a	d	a
110/7a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
110/8a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
110/8c	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.3															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
110/9c	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
113/26a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
113/27a	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	0.0															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	a	a	d	a
113/27b	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Currently licenced UKCS licence block	4.5															Operational	NSTA https://www.arcgis.com/apps/webappviewer/index.html?id=f4b1ea5802944a55aa4a9df0184205a5	d	a	a	d	a	a	a	d	a	d	a
Bord Gais Networks Dublin. Ref No. FS006104	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for a gas pipeline trenchless crossing of River Tolka, Dublin	151.9															Operational	gov.ie - Bord Gais Networks - Dublin (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	a
Coastal defence repair and Improvement at Barmouth Bay Holiday Village	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Construction, Flood defence scheme. The flood defence would prevent overtopping during 1 in 100 year fluvial and 1 in 1000 year tidal events.	113.9															Operational	Wales Marine Planning Portal (gov.wales) https://www.dailypost.co.uk/news/north-wales-news/popular-north-wales-holiday-park-23944746	d	d	d	a	d	d	a	d	d	d	a
D201B: ABERPORTH	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place. Southwest of Angelsey	86.4															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D201D: ABERPORTH	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD prohibited and restricted danger area- Aberporth	125.6															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D201H: ABERPORTH	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Ranges, danger and exercise areas. Aberporth is a test and evaluation range where missile-firing takes place. Camerthen bay	112.8															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D401: BALLYKINLER	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD firing range off Northern Ireland	104.7															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
D402A: LUCE BAY (N)	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area of Luce Bay	76.7														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D402B: LUCE BAY (N)	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area of Luce Bay	103.9														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D402C: LUCE BAY (N)	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area of Luce Bay	109.8														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D403: LUCE BAY	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area of Luce Bay	73.0														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D403A: LUCE BAY	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area of Luce Bay	96.8														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D405: KIRKCUDBRIGHT	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area for Demolition of Unexploded Ordnance, Firing	50.6														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
D406: ESKMEALS	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD prohibited and restricted danger area- Eskmeals	13.8														Operational	Oceanwise	d	d	d	d	d	e	a	d	d	d	a
D406B: ESKMEALS	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD prohibited and restricted danger area- Eskmeals	8.6														Operational	Oceanwise	d	d	d	d	d	e	a	d	d	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
D406C: ESKMEALS	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD prohibited and restricted danger area- Eskmeals	6.4														Operational	Oceanwise		d	d	d	d	d	e	a	d	d	d	a
D509: CAMPBELTOWN	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military danger area for High & Low Angle Gunnery, HM Ships, Pilotless Target Aircraft, Surface to Surface Firing, Torpedo Firing	125.3														Operational	Oceanwise		d	d	d	d	d	d	d	d	d	d	a
Greater Dublin Drainage Project Ref No. PC0152	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A new regional waste water treatment plant (WWTP) with a capacity of 500,000PE. Treated effluent from the proposed new WWTP is to be discharged via an outfall pipe, 6km out into the Irish Sea with a discharge point north of Irelands Eye.	138.0														Permitted but not yet implemented	PC0152 | An Bord Pleanála (pleanala.ie)		d	d	d	d	d	d	d	d	d	d	d
Hesketh Out Marsh East (HOME) Management Realignment Scheme	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The scheme consists of refurbishing the remaining eastern section of the inner flood embankment (approximately 2km) and then breaching the outer embankment at four locations to allow the land in-between to revert back to intertidal habitat.	3.3														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00003		f	f	f	d	f	f	f	d	d	d	a
Hilbre Swash marine minerals Area 393	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Marine Minerals, Annual Tonnage: 800,000 Tonnes	28.5														Operational	Wales Marine Planning Portal (gov.wales)		d	c	c	d	e	a	a	d	a	d	a
Independent Pipeline Company Ltd. Ref No. FS005704	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for the Installation of a 200mm welded steel pipleline under the Tolka River using trenchless techniques. The pipeline will be used to transport aviation fuel from Dublin Port to Dublin airport.	151.8														Operational	gov.ie - Independent Pipeline Company Ltd (www.gov.ie)		d	d	d	a	d	d	d	d	d	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Irish Water- Dun Laoghaire. Ref No. FS006543	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for extending the storm water outfall out to the sea below the MLWS	149.5														Submitted but not yet determined	gov.ie - Irish Water - Dun Laoghaire (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
Irish Water Greater Dublin Drainage Outfall FS006843	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Application for a Foreshore Licence to enable the construction of a 5.2km marine section of a total 5.9km outfall pipeline, including a multiport marine diffuser, as part of the Greater Dublin Drainage Project.	138.0														Submitted but not yet determined	gov.ie - Irish Water Greater Dublin Drainage Outfall (www.gov.ie)	d	d	d	d	d	d	d	d	d	d	d
Irish Water Omeath Sewerage Scheme. Ref No. FS006575	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for the purpose of extending an existing outfall pipe and associated works in connection with the proposed Omeath Waste Water Treatment Plant	134.4														Operational	gov.ie - Irish Water - Omeath Sewerage Scheme (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Irish Water- Swords. Ref No. FS005738	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application to replace existing outfall for Swords waste water treatment expansion	144.6														Operational	gov.ie - Irish Water - Swords (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Irish Water- Loughshinny. Ref No. FS005749	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for change of use of existing septic tank outfall to an emergency outfall for the proposed new sewage pumping station.	133.3														Operational	gov.ie - FS005749 Irish Water - Loughshinny (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Irish Water-Lusk. Ref No. FS005745	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Foreshore licence application for an emergency outflow pipe for the pumping station at Lusk waste water treatment plant	139.1														Operational	gov.ie - FS005745 Irish Water - Lusk (www.gov.ie)	d	d	d	a	d	d	d	d	d	d	a
Llandudno Firework display	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Marine licence application for explosives below MHWS- firework display	49.3														Operational	Wales Marine Planning Portal (gov.wales)	d	f	f	f	f	f	f	d	d	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

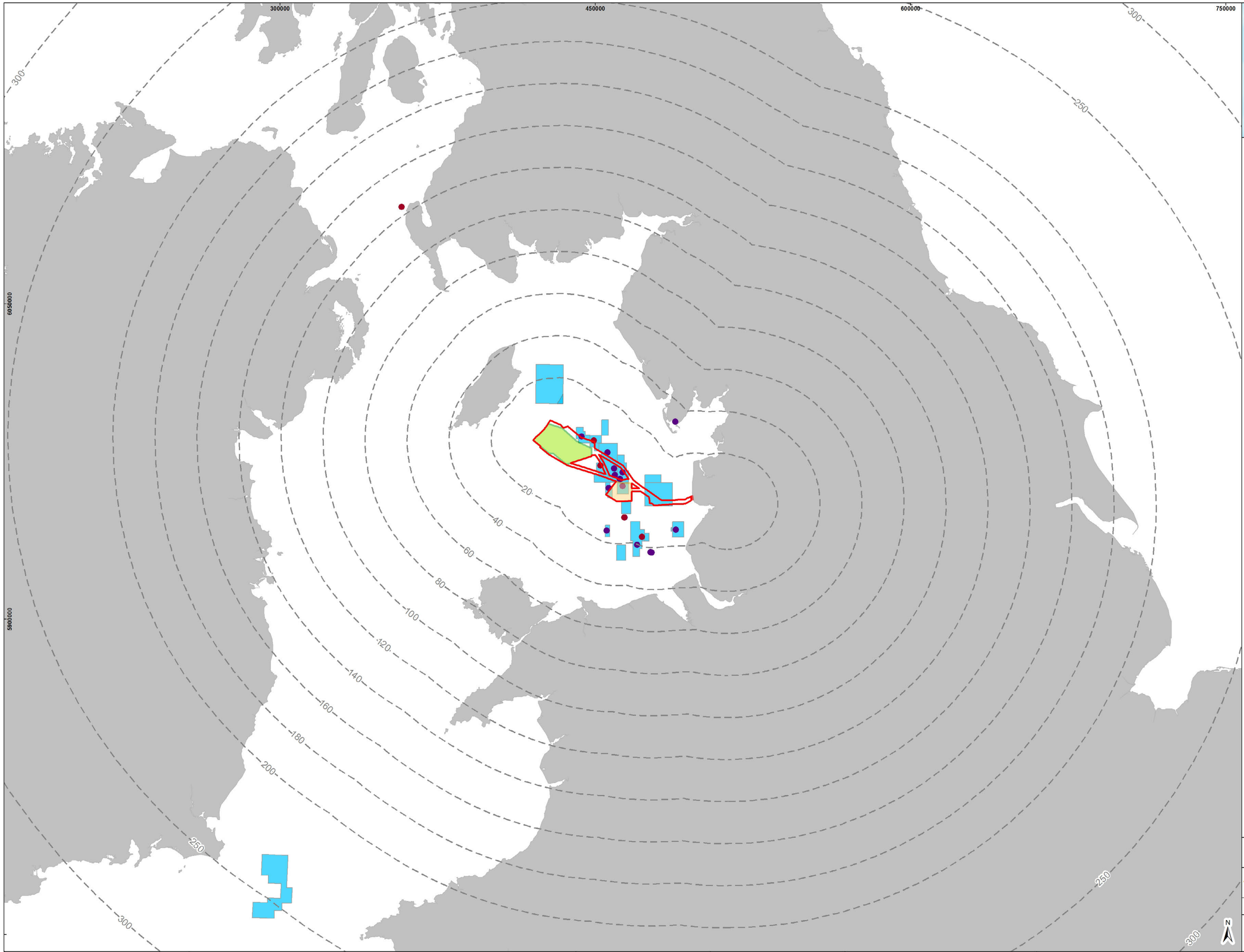
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Opening of Afon Dysynni channel for internal drain ditches and flood risk	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Construction, Deposit, Removal. Annual Tonnage N/A	131.8														Operational	Wales Marine Planning Portal (gov.wales)	d	f	f	a	f	f	f	d	d	d	a
Rearranging pontoons	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Construction and Deposit	53.3														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	a	a	d	d	d	a
Seasonal deposit and removal of floating pontoons	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Construction and Removal	120.4														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	d	d	a	a	d	d	d	a
Trial seaweed farm	Other Works	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Trial seaweed farm. Is the the first community owned Seaweed and Shellfish farm in Wales.	239.1														Operational	Wales Marine Planning Portal (gov.wales)	d	d	d	a	f	f	f	d	d	d	a
X5306: Altcar	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	MOD prohibited and restricted danger area- Altcar	21.6														Operational	Oceanwise	d	e	e	d	d	e	a	d	d	d	a
X5402: ARDGLASS	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military Firing range off Northern Ireland	71.9														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5403: PEEL	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Air General, HM Ships, Submarine Exercises	43.8														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5406	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Mine Disposal	117.0														Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a

Table A.10: Offshore Cumulative Effects Matrix - Other Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
X5406: JUNIPER ROCK	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Mine Disposal	117.0															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5407: MAGEE	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military Firing range off Northern Ireland	96.4															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5408: BEAUFORT	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Air General, HM Ships, Submarine Exercises	85.2															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5525: BALLANTRAE	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Air General, HM Ships, Submarine Exercises	85.2															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5526: CORSEWALL	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military activity area for Air General, HM Ships, Submarine Exercises	125.3															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
X5527: MAIDEN	Other Works	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Military Firing range off Northern Ireland	128.7															Operational	Oceanwise	d	d	d	d	d	d	d	d	d	d	a
Isle of Man Crogga Licence: 112/25	Other Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Block reference 112/25. Within Isle of Man territorial waters. 266 km2 offshore the northeast coast of the Isle of Man. To drill an appraisal well.	7.7															Construction	https://www.energy-pedia.com/news/general/crogga-to-drill-the-crogga-independence-appraisal-well-(112-25a-2)-on-the-crogga-gas-field-in-the-east-irish-sea-in-2023--190255	d	c	c	d	d	d	d	d	d	d	d



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Sub-Surface Infrastructure
- Surface Infrastructure
- Current Licences

MORECAMBE

Partners in UK offshore wind

Figure A.17

Drawing Number:

MC000037-CEA-013-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
OIL AND GAS PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

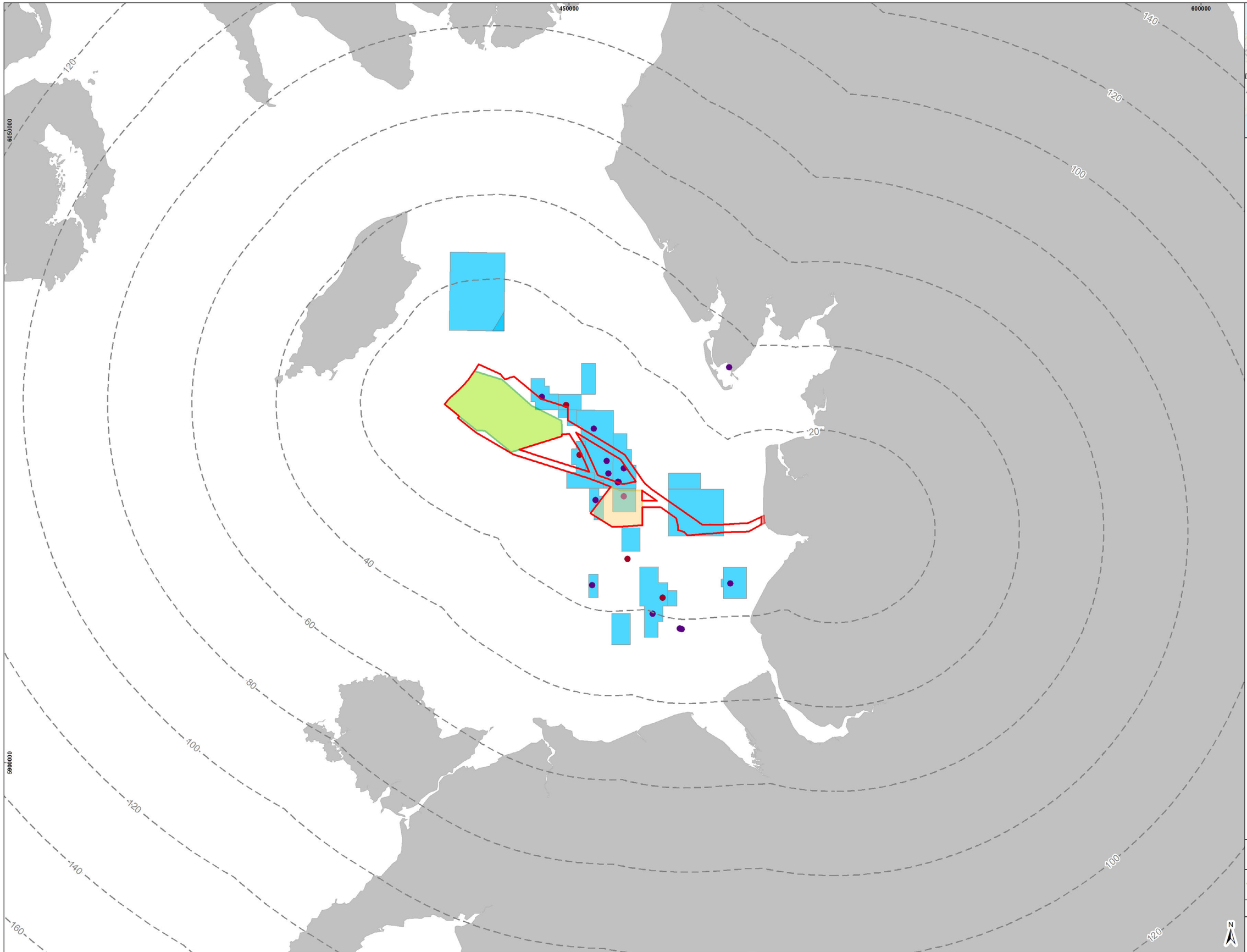
0 10 20 nm
0 25 50 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,600,000

Data Sources: Client, NSTA

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Sub-Surface Infrastructure
- Surface Infrastructure
- Current Licences

MORECAMBE

Figure A.18

Drawing Number:
MC000037-CEA-014-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
OIL AND GAS PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 5 10 nm
0 10 20 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:800,000

Data Sources: Client, NSTA

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

300000

450000

6050000

5900000

160

140

120

100

80

60

200

180

20

40

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Other Works
- Other Works (Updated post submission)
- Oil And Gas Licences
- Practice and Exercise Areas (PEXA)
- Other Works (Updated post submission August 2025)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW Partners in UK offshore wind | bp | RPS A TETRA TECH COMPANY

Figure A.19

Drawing Number:

MC000037-CEA-021-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
OTHER WORKS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

0 2.5 5 10 15 nm
0 5 10 20 30 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,000,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

450000

80

60

40

20

100

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Other Works
- Other Works (Updated post submission)
- Other Works (Updated post submission August 2025)
- Oil And Gas Licences
- Practice and Exercise Areas (PEXA)

N

MORECAMBE

Figure A.20

Drawing Number:
MC000037-CEA-022-01

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** OTHER WORKS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)	0 2.5 5 nm 0 5 10 km	**Geodetic Information:** Datum: ETRS 1989 Projection: ETRS 1989 UTM Zone 30N Scale@379mmx231mm: 1:500,000	**Data Sources:** Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

Table A.11: Offshore Cumulative Effects Matrix - Radar - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Belfast International Airport NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	149.4															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Belfast NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	149.3															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Blackpool NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	0.0															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Blackpool St Anne's NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	0.0															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Clee Hill NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	149.4															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Clee Hill NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	149.4															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
East Midlands NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower Airspace Radar Service in the east Midlands	138.6															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a
Great Dunn Fell NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	104.3															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a

Table A.11: Offshore Cumulative Effects Matrix - Radar - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Great Dunn Fell NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	104.3															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Leeming NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower Airspace Radar ServiceIn Leeming, south of Newcastle	100.1															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a
Liverpool John Lennon NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	45.1															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Lowther Hill NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	143.6															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Lowther Hill NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	143.6															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Manchester NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	52.9															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Manchester NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	54.1															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Newcastle NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower Airspace Radar Service in Newcastle	158.3															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a

Table A.11: Offshore Cumulative Effects Matrix - Radar - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

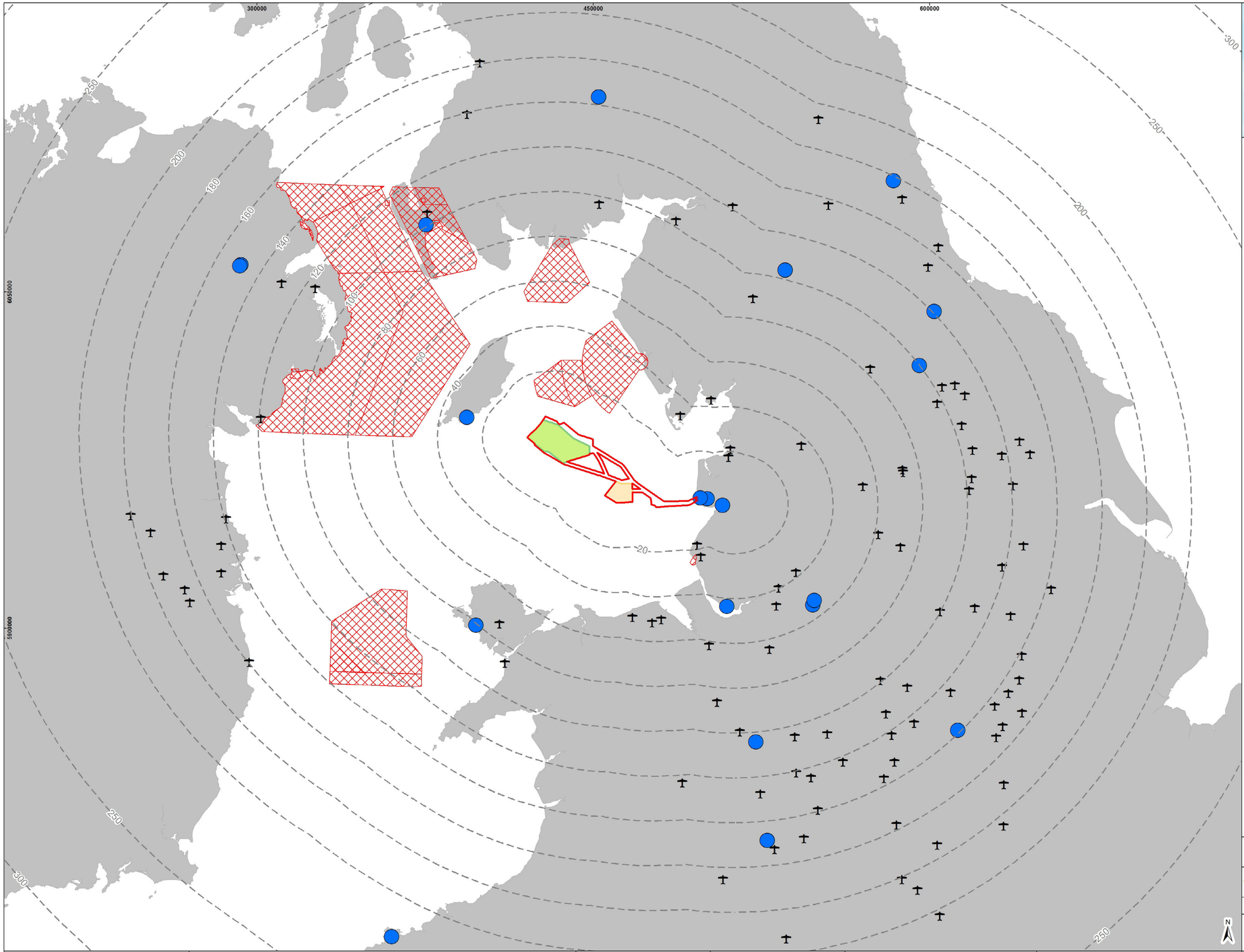
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
RAF Valley NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	81.6															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Ronaldsway Isle of Man NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	28.5															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Shawbury NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower Airspace Radar Service in Shawbury	105.2															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a
Strumble NATS Secondary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Secondary Surveillance Radar	218.0															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Teeside NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower Airspace Radar Service at Teeside	120.9															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a
Valley NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Low airpsace radar on the west coast of Anglesey	81.6															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a
Warton Aerodrome NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	2.0															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a
Warton NATS Lower Airspace Radar Service	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Lower airspace radar service near Blackpool	2.0															Operational	NATS https://nats-uk.ead-it.com/cms-nats/export/sites/default/en/Publications/AIP/Current-AIRAC/graphics/278278.pdf	d	d	d	d	d	d	d	d	d	d	a

Table A.11: Offshore Cumulative Effects Matrix - Radar - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
West Freugh NATS Primary Surveillance Radar	Radar	Tier 1	Low – there is a lack of robust data and information and/or data quality is out with the Applicants control	Primary Surveillance Radar	100.7															Operational	NATS https://www.nats.aero/services-products/catalogue/n/wind-farms-self-assessment-maps/	d	d	d	d	d	d	d	d	d	d	a



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Radar Site
- Airfield
- Practice and Exercise Areas

MORECAMBE

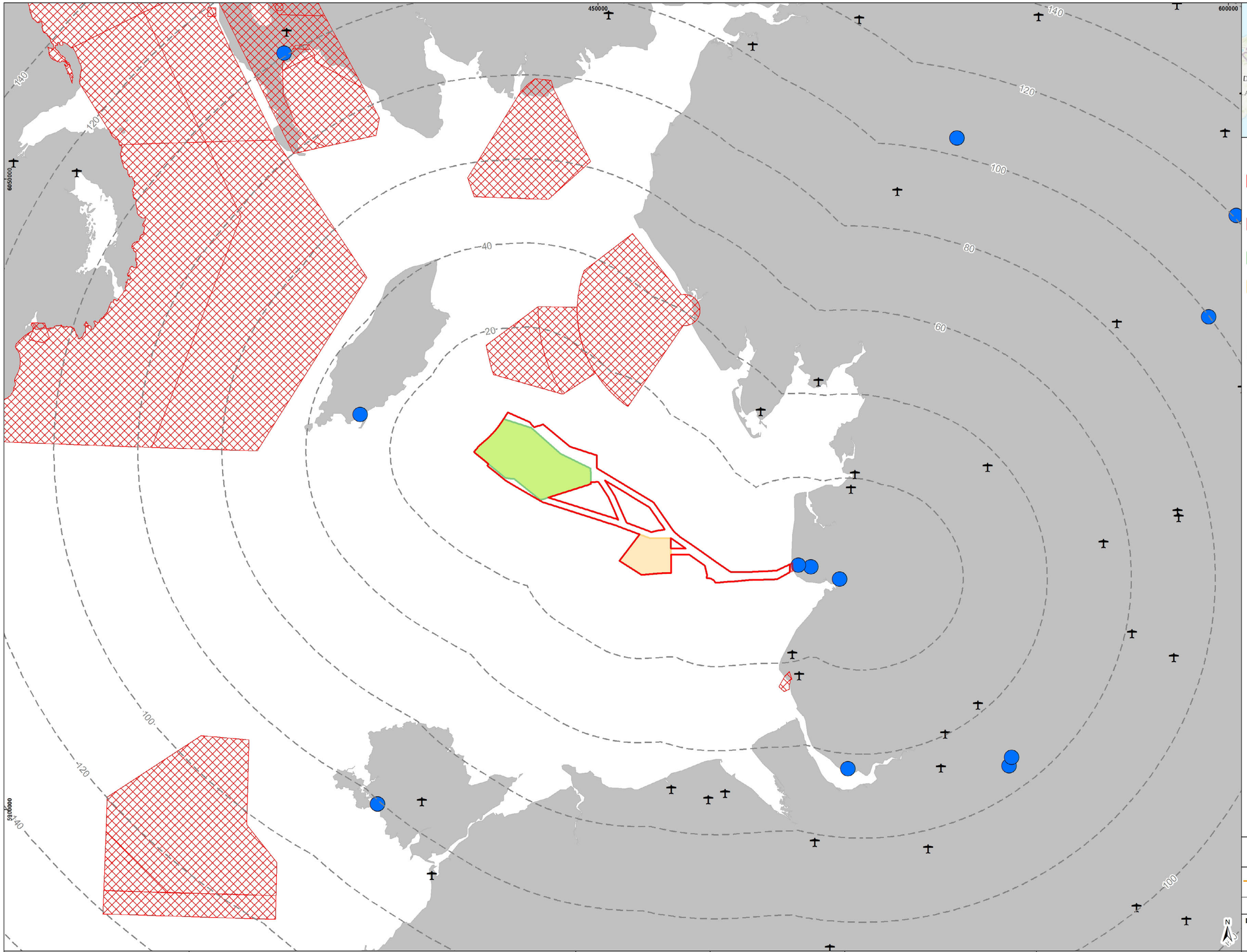
Figure A.21

Drawing Number:
MC000037-CEA-015-01

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** MILITARY, AVIATION AND RADAR PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA	0 10 20 nm 0 20 40 km	**Geodetic Information:** Datum: ETRS 1989 Projection: ETRS 1989 UTM Zone 30N Scale@379mmx231mm: 1:1,500,000	**Data Sources:** Client, NATS

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM



Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** MILITARY, AVIATION AND RADAR PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)	0 5 10 nm 0 10 20 km	**Geodetic Information:** Datum: ETRS 1989 Projection: ETRS 1989 UTM Zone 30N Scale@379mmx231mm: 1:800,000	**Data Sources:** Client, NATS	**Service Layer Credits:** Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	09/05/25	Initial Issue	MJ	BM
01	25/08/25	Deadline 5	MJ	BM

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | rps
Partners in UK offshore wind

Figure A.22

Drawing Number:
MC000037-CEA-016-01

Table A.12: Offshore Cumulative Effects Matrix - Remedial Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Clearance of Seawater Intake at BAE Systems (Barrow)	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1) Clearance of silt from the vicinity of the intakes up to 14,000m3 2) Perform an intake pipe clean to remove up to 4,000m3 of silt from within the intakes; 3) Clearing out the wet well of up to 2,000m3 of silt;	30.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2019/00229	d	d	d	a	d	a	a	d	d	d	a
Duddon Estuary pipeline remediation works	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Remediation works for a section of exposed gas pipeline crossing the Duddon Estuary. Deposit of frond mattress,	39.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00275	d	f	f	f	f	f	f	d	d	d	a
Foxfield Water Main Reinstatement	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The works are required to reinstate salt marshes within the tidal extent which have been damaged during bursts of a water main that ran through the site.	44.9															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2018/00119	d	f	f	f	f	f	f	d	d	d	a
Heysham Harbour and Approaches Maintenance Disposal License	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Maintenance dredging up to 356,714m3 sand and 235,058 silt in Heysham harbour. Dredging of 293,764m3 in Heysham approach. Disposal of dredged material	25.8															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00183	d	d	d	d	d	a	a	d	d	d	a
Isle of Man Interconnector Cable - Cable Protection Remedial Works	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The installation of flexible filter units, comprising of three bags at two separate locations, but up to a maximum of eight at a cable crossing. Two original concrete mattresses used for cable protection will be removed.	0.0															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00201/2	c	c	a	d	c	a	a	a	d	d	a
Isle of Man to UK Interconnector Cable - Maintenance and Repair	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Placement of additional armouring or protection whilst carrying out contingency repair and maintenance works on the IOM interconnector.	0.0															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00211	c	c	a	d	c	a	a	a	d	d	a

Table A.12: Offshore Cumulative Effects Matrix - Remedial Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Liverpool South Dock Wall Repairs	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The Liverpool south dock wall (River Walk) runs adjacent to the Albert dock complex, over a period of time voids have developed on the seaward side of the main retaining dock wall. This project aims to repoint and fill these voids with new stone to help support the remainder of the wall avoiding major costly works in the near future.	37.3														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00258	d	f	f	d	f	f	f	d	d	d	a
Marker buoy placement: Ormonde Dropped Object	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Following a dropped object incident at Ormonde OWF, Vattenfall / Ormonde Energy Ltd propose to deploy up to 4 marker buoys to mark the area until such a time as salvage can be arranged.	20.5														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2021/00466	d	f	f	d	f	f	f	d	d	d	a
Middleton Wastewater Treatment Works Long Sea Outfall - Maintenance	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Dredging of up to 600tonnes using a multi cat type vessel which will employ either hydrainer suction pumping or air-lancing to re-suspend the sand material in the water column.	27.1														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2013/00360/1	d	f	f	a	f	f	f	d	d	d	a
RNLI North Division - Regional Licence for Low Impact Maintenance Works	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1. Maintenance to Moorings 2. Maintenance to Pontoon Berths (and associated pilings, link-spans, quay walls and approach structures) 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps 5. Maintenance Activities associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging	32.7														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00202	c	c	d	a	d	a	a	d	d	d	a

Table A.12: Offshore Cumulative Effects Matrix - Remedial Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result										
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
RNLI North Division - Regional Licence for Low Impact Maintenance Works	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1. Maintenance to Moorings 2. Maintenance to Pontoon Berths (and associated pilings, link-spans, quay walls and approach structures) 3. Minor beach re-profiling works 4. Maintenance to Lifeboat Station Boathouses, slipways & launch ramps 5. Maintenance Activities associated with safety of lifeboat launch and recovery 6. Maintenance to beach lifeguard units 7. Navigational Dredging	14.5														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2017/00202	c	c	d	a	d	a	a	d	d	d	a
Rock armour maintenance work at Caldy Golf Club	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Supply and lay new geotextile membrane, Import and place approximately 1550t of 3-5t rock armour pieces, Import and place approximately 600t of 150mm to 300mm bedstone, Re-pack existing rock as required, Remove rocks that have migrated seaward and replace in the revetment,	42.8														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2014/00055	d	d	f	d	f	f	f	d	d	d	a
Routine maintenance, inspection and testing at Heysham 2 power station	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	Coarse screen removal, cleaning and reinstallation and the cooling water intake. Stop log gate installation and removal, Drumscreen forebay dewatering and cleaning, Drumscreen maintenance, inspection and testing. Marine outfall Sea plug installation and removal	27.9														Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2016/00281/1	d	d	d	a	d	a	a	d	d	d	a

Table A.12: Offshore Cumulative Effects Matrix - Remedial Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

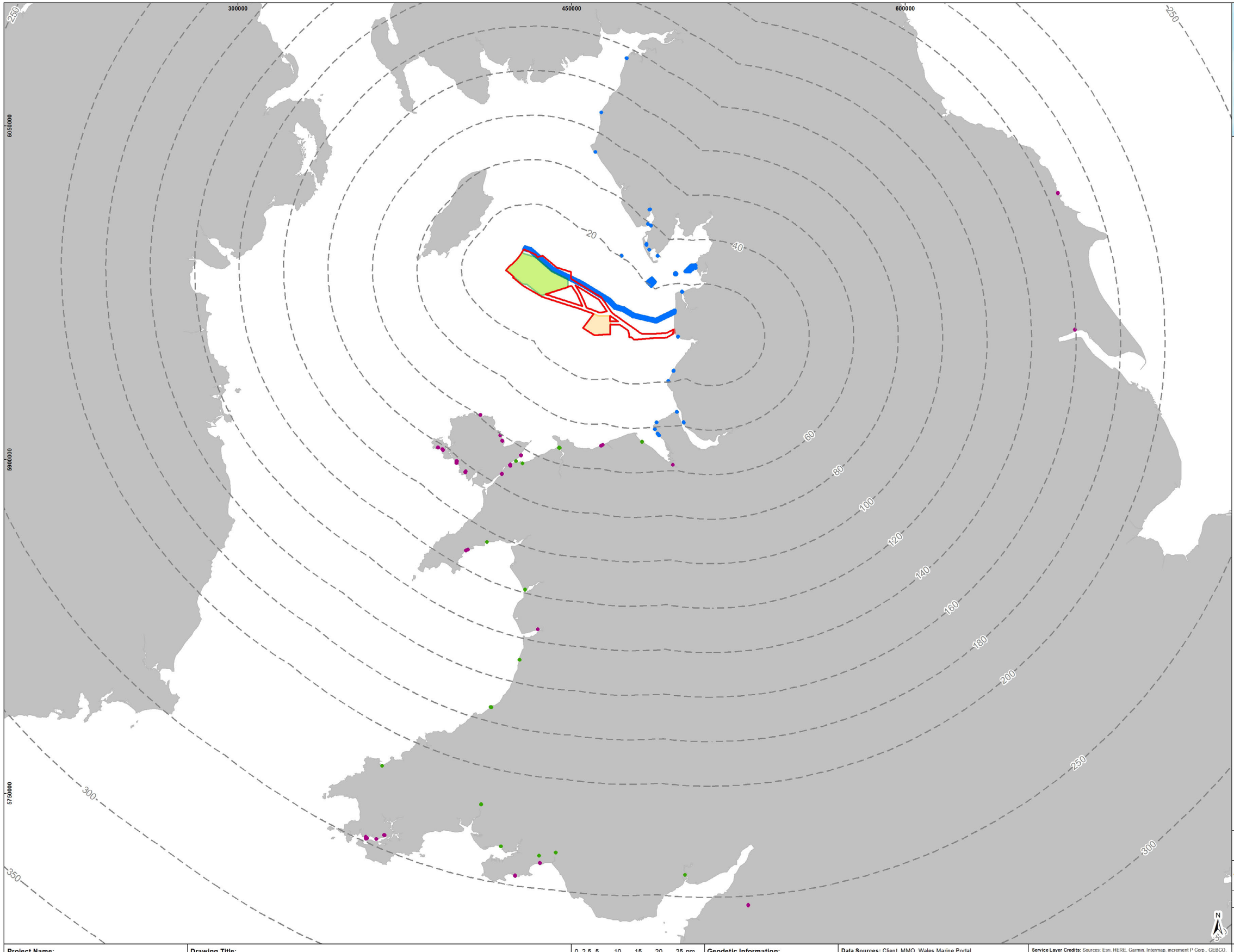
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Routine Marine Structure Maintenance Work	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	1. Cooling water intake and coarse screen removal and cleaning. 2. Desilting of the drumscreen chambers. 3. Fitting and removal of stop log gates. 4. Removal of residual debris from the drumscreen chambers once they are dewatered. 5. Diving activities to inspect coarse screen runners and replace sacrificial anodes. 6. Fitting and removal of the Armfield gates	28.4																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2015/00024/2	d	f	f	a	f	f	f	d	d	d	a
Walney Channel Sewer Maintenance	Remedial Works	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	The sewer in the Walney Channel, Barrow suffers from ingress and we are proposing to carry out minor maintenance works to remove the existing manhole covers, carry out CCTV to confirm the condition of the sewer and then replace the covers including any concrete repairs on a like for like basis as required.	31.1																Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00141	d	d	d	d	f	f	f	d	d	d	a
Barmouth Viaduct Gardens	Remedial Works	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The scheme is located on the eastern side of Barmouth, Gwynedd, directly adjacent to the railway viaduct on the lower reaches of the Mawddach Estuary. Consists of repair of sea wall, erect floodgate and insall new drainage network.	117.3																Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Barmouth Viaduct Gardens	Remedial Works	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	The scheme is located on the eastern side of Barmouth, Gwynedd, directly adjacent to the railway viaduct on the lower reaches of the Mawddach Estuary. Consists of repair of sea wall, erect floodgate and insall new drainage network.	118.5																Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d

Table A.12: Offshore Cumulative Effects Matrix - Remedial Works - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets													Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055				Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Lower Town Fishguard Slipway Repair	Remedial Works	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Renewal of slipway toe to existing slipway. Work to be carried out on neap tides which don't reach location of work. Remove soft silt material to form solid bed – approx. 2cu/m and Shutter area to receive concrete, pour and finish concrete. Work to be completed within 3 days.	215.8															Completed	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=CML2345&sortBy=Relevance&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date	d	d	d	d	d	d	d	d	d	d	d



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Remedial Works
- Remedial Works (Updated post submission)
- Remedial Works (Updated post submission August 2025)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS
Partners in UK offshore wind | A TETRA TECH COMPANY

Figure A.23

Drawing Number:
MC000037-CEA-023-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
REMEDIAL WORKS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

0 2.5 5 10 15 20 25 nm
0 5 10 20 30 40 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,500,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

450000

5960000

60

40

20

40

60

80

100

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Remedial Works
- Remedial Works (Updated post submission)
- Remedial Works (Updated post submission August 2025)

MORECAMBE

cobra | FLOTATION ENERGY

EnBW Partners in UK offshore wind | bp | RPS A TETRA TECH COMPANY

Figure A.24

Drawing Number:

MC000037-CEA-024-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
REMEDIAL WORKS, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 2.5 5 nm
0 5 10 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:500,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

Table A.13: Offshore Cumulative Effects Matrix - Site Investigation - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets												Status of Project/Plan	Data source	Offshore Infrastructure - Screening result											
						2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055			Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
bp and EnBW Round 4 Offshore Wind Farm Deep Geotechnical Survey	Site Investigation	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	A deep geotechnical survey of the bidding areas (named Morgan and Mona), which will include boreholes and deep Piezo Cone Penetrometer Tests (PCPTs) in the Irish Sea, in both English and Welsh waters.	5.2															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2022/00022	f	f	f	f	f	f	f	d	d	d	a
Irish Sea South Met Mast and Geotechnical survey	Site Investigation	Tier 1	High - Third party project details published in the public domain and confirmed as being 'accurate' .	However design will include a foundation with TP and working platform with either a meteorological mast or Lidar wind measurement device installed on top of the working platform.	27.4															Operational	https://marinelicensing.marinemanagement.org.uk/mmofox5/fox/live/MMO_PUBLIC_REGISTER/view-case?case_ref=MLA/2011/00309/2	d	f	f	f	f	f	f	d	d	d	a
MaresConnect Interconnector - Surveys	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	MaresConnect Interconnector Seabed Survey, which will consist of geophysical, geotechnical and environmental surveys operating between March 2024 and December 2025.	40.3															Operational	https://publicregister.naturalresources.wales/Search/Results?searchTerm=Mares%20Interconnector&sortBy=Relevance&pageNumber=2	d	d	d	c	d	d	d	d	d	d	d
Awel y Môr Offshore Windfarm GI	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Part of the onshore campaign includes 3 boreholes and 3 CPTs within the intertidal region of the AyM export cable corridor (below MHWS). propose to collect the boreholes in the intertidal area by accessing them from onshore and using light cable percussion drilling methodologies as part of the onshore ground investigation works.	28.9															Completed	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
RAF Pembrey Tidal Flap Investigation Works	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	A detailed survey of a tidal flap valve at RAP Pembrey Burry Port, Dyfed.	231.2															Completed	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d

Table A.13: Offshore Cumulative Effects Matrix - Site Investigation - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Aberystwyth Coastal Defence Scheme (CDS) - Investigations	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Site investigations will take place on the promenade and on the beach. The trial pitting and boreholes on the promenade will be above high water (and are therefore not subject to a marine licence). However, hand dug sampling (with a bucket and spade) on the beach and inspections of sea wall foundations will take place in the dry during low tide. The investigations will also involve nonintrusive bathymetric and geophysical surveys by boat, using sensor equipment.	152.2																Completed	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Pembroke Dock Ground Investigation and Environmental Surveys	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Milford Haven Port Authority are looking to complete investigatory boreholes, vibrocores, intertidal core and subtidal grab samples within the Pembroke Dock area to inform planned future works within the Pembroke Port area.	244.6																Completed	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Port Talbot Inner Dock Sampling	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	ABPmer will be conducting surface sediment sampling in the Port Talbot Inner Dock. A hand deployed Van Veen grab sampler will be used to obtain a small sample for contaminant analysis.	241.0																Completed	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=RML2368&sortBy=Relevance&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date	d	d	d	d	d	d	d	d	d	d	d

Table A.13: Offshore Cumulative Effects Matrix - Site Investigation - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

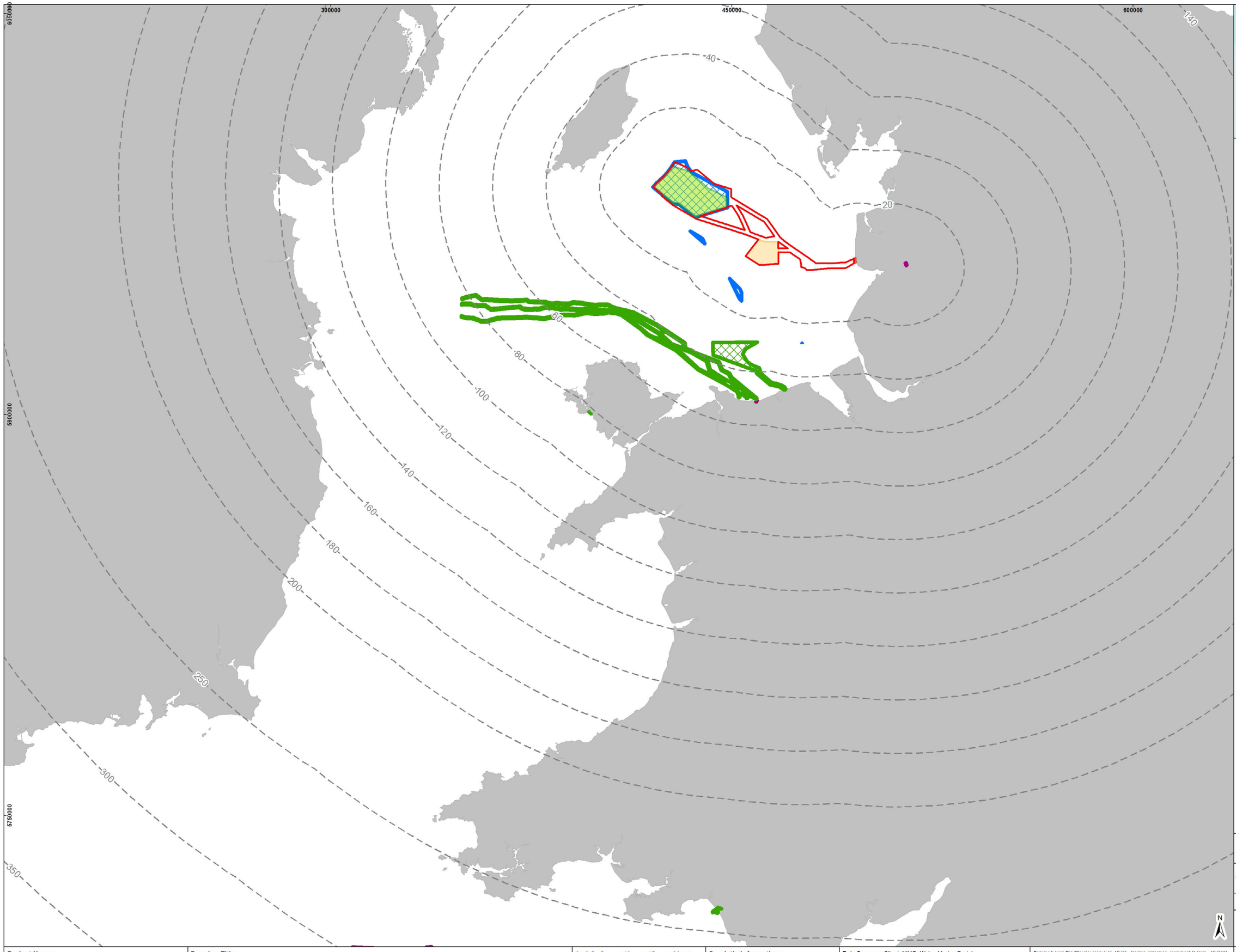
Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Newbridge, Port Talbot Ground Investigation	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Natural Resources Wales are developing a fish passage improvement scheme on the tidal section of the River Afan in Port Talbot. The project is looking to improve passage over a weir structure, that is impassable to fish at midlow tide. As part of the design of the project, we need to undertake some ground investigation. This application is to cover the investigation works.	240.7															Operational	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Pembroke Power Station Environmental Monitoring	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Subtidal benthic grab sampling in Milford Haven and Pennar Gut as part of the with environmental monitoring regime agreed with NRW in the areas surrounding Pembroke Power Station	245.9															Completed	https://publicregister.naturalresources.	d	d	d	d	d	d	d	d	d	d	d
Marine Survey & Site Investigation Works SOBR1	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	McMahon Design and Management Ltd is working to identify the best cable route to support the proposed installation of a new subsea fibre optic cable system, SOBR1, which will link Ireland to the United Kingdom. The site investigation works will be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques.	99.9															Completed	https://publicregister.naturalresources.	d	d	f	f	d	d	d	d	d	d	d

Table A.13: Offshore Cumulative Effects Matrix - Site Investigation - Spatial and Temporal

	Consenting/Pre-Construction
	Construction
	Operation and Maintenance
	Decommissioning

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operation

Project, plan or activity name	Type	Tier 1/2/3	Data confidence assessment	Capacity / Scale / Description	Distance from Morgan and Morecambe Offshore Windfarms Transmission Assets	Temporal overlap with the Transmission Assets: 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2035-2055	Status of Project/Plan	Data source	Offshore Infrastructure - Screening result: Physical Processes	Benthic Ecology	Fish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Aviation and radar	Socio economics
Marine Survey & Site Investigation Works SOBR2	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	McMahon Design and Management Ltd is working to identify the best cable route to support the proposed installation of a new subsea fibre optic cable system, SOBR2, which will link Ireland to the United Kingdom. The site investigation works will be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques.	58.9																Completed	https://publicregister.naturalresources.	d	d	f	f	d	d	d	d	d	d	d
Marine Survey & Site Investigation Works Tuskar	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	McMahon Design and Management Ltd (MDM) is working to identify a cable route to support the proposed installation of a new subsea telecoms cable system, Tuskar, which will link Ireland to the United Kingdom, from a landfall at Kilmore Quay, County Wexford to a landfall at Newgale beach, in Pembrokeshire, southwest Wales.The site investigation works will be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques.	234.6																Completed	https://publicregister.naturalresources.	d	d	d	f	d	d	d	d	d	d	d
Port Talbot Marine Ground Investigation Works	Site Investigation	Tier 1	High – Data has been obtained from the developer's website or a consenting authority's portal	Marine Ground Investigations (GI) at Port Talbot comprising boreholes, Van Veen grabs, and vibrocores. Works take place in the harbour, within the inner dock and at the dock entrance in the Afon Afan.	240.8																Operational	https://publicregister.naturalresources.wales/Search/Results?SearchTerm=RML2420&sortBy=Date&filters%5BLocation%5D=&filters%5BLocalAuthority%5D=&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date&SortRelated=Date	d	d	d	d	d	d	d	d	d	d	d



LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Site Investigation
- Site Investigation (Updated post submission)
- Site Investigation (Updated post submission August 2025)

MORECAMBE
cobra | FLOTATION ENERGY

EnBW | bp | RPS
Partners in UK offshore wind
A TETRA TECH COMPANY

Figure A.25

Drawing Number:
MC000037-CEA-025-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
SITE INVESTIGATION, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA

0 2.5 5 10 15 20 nm
0 5 10 20 30 40 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:1,250,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

450000

80

60

40

20

100

LEGEND

- Morgan and Morecambe Offshore Windfarms: Transmission Assets Order Limits – Offshore
- Morgan and Morecambe Offshore Windfarms: Intertidal Infrastructure Area
- Morgan Offshore Wind Project: Generation Assets
- Morecambe Offshore Windfarm: Generation Assets
- Site Investigation
- Site Investigation (Updated post submission)
- Site Investigation (Updated post submission August 2025)

N

MORECAMBE

cobra | FLOTATION ENERGY

EnBW | bp | RPS A TETRA TECH COMPANY

Partners in UK offshore wind

Figure A.26

Drawing Number:

MC000037-CEA-026-01

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
SITE INVESTIGATION, PROJECTS, PLANS AND ACTIVITIES CONSIDERED IN THE TRANSMISSION ASSETS CEA (EAST IRISH SEA)

0 2.5 5 nm
0 5 10 km

Geodetic Information:
Datum: ETRS 1989
Projection: ETRS 1989 UTM Zone 30N
Scale@379mmx231mm: 1:500,000

Data Sources: Client, MMO, Wales Marine Portal

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
00	16/05/25	Initial Issue	NG	BM
01	27/08/25	Deadline 5	MJ	BM

Appendix B: Onshore CEA long list and location map

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council18:256	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1177&Id1=20221214090907d5f59f9430d09dfb	1	Up to 280 dwellings, with associated infrastructure and open space	Tier 1	06/2018/0779: Screening report submitted, EIA not required. 06/2018/0885: Outline plannning application for access for up to 280 dwellings, with associated infrastructure and open space 06/2021/0349: Amendment to outline planning permission to amend the description of development. 06/2022/1177: Reserved matters application (apperance, landscaping, layout, scale) for the above. Outline planning application has been approved, reserved matters application has been submitted but not decided. The Reserved matters application is seeking approval for 280 dwellings (between 2-4 bed, terraced, semi-detached and detached and up to 3 storeys and 10 in height), SuDS, public open space and other landscaping.	0.28	18.94	16.36	0.28	5.02	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	e
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1035	2	Construction of new petrol station, jet wash, car parking, drive-thu restaurant following demolition of existing petrol station	Tier 1	The previous application (06/2017/0913) was for re-development of Lee gate Service Station with the addition of two detached drive thu A3 units. The small existing show will be extended to a larger new building, along with new fuel lines. Following permission being granted, another application was made which sought updates to the original application. This application (06/2020/1035) consitutes a revision to the permission, by instead replacing the whole petrol filling station currently present, a drive thu costa coffee, increased parking and jet washes. The proposed site areas are as follows: Petrol Filling Station: 372 m2, 5.5m high Canopy: 319 m2 Drive-thu Costa Coffee: 167 m2.	0.04	18.05	15.47	0.04	4.13	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	a	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0188	3	Construction of crossroads at junction of Kilnhouse Lane, Queensway and the proposed Heyhouses Bypass	Tier 1	This supports the other applications in the area for the provisioning of up to 1150 dwellings in Richmond Point (ref 08/0058), of which 89 have been built to date. A new M55 link road that will give access to the development is yet to be constructed, and this application seeks to provide an interim access arrangement, to allow further parcels of the Richmond Point site to be developed (beyond the current limit of 168 dwellings). This includes a signal controlled pedestrian crossing and an interim access road.	0.25	3.84	1.32	0.25	9.78	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0904	4	Installation of a solar PV farm with associated infrastructure and access	Tier 1	Installation of solar panels and associated infrastructure, approximately 25MWp. 40 year operating life, with a further 6 months to allow for decommissioning and reinstatement. EIA screening response 20/0502.	0.37	6.37	3.85	0.37	7.18	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0223	5	Construction of an agricultural building	Tier 1	Proposed agricultural building, 40x12 m footprint, 5.6m in height.	0.17	14.59	12.01	0.17	0.83	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	a	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0114	6	Formation of 12 new natural grass sports pitches	Tier 1	This site is part of the Blackpool Airport Enterprise zone, which includes a wide range of businesses. This application is for 12 grass sports pitches with a small portion designated as public open space. This application follows a withdrawn application ref 19/0316 for a mixed use development, including new highway junction, 90,000sq m industrial floorspace, 7,725sq m of leisure floorspace, a nursey, up to 323sq m of retail floorspace, up to 300sq m of cafe floorspace, up to 57 houses and associated electricity sub-station, parking, landscaping and infrastructure. Withdrawn 26/06/2020.	0.00	3.08	0.68	0.00	10.47	Operational	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0683	7	Erection of two Agricultural Buildings for Cattle Accommodation and Storage Purposes	Tier 1	Erection of two agricultural buildings. Cattle handling building, size 18.39m x 7.0m, 4.5m high and manure store, size 14.796m x 12.192m and 5.6m high.	0.03	17.90	15.32	0.03	3.98	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	a	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0552	8	Erection of twelve dwellings with associated access road, garages and parking spaces	Tier 1	Erection of twelve dwellings, including 3 6-bed and 9 5-bed dwellings. All are 2.5 storeys tall. This application follows from the previously approved application ref 18/0155, which sought permission for 12 4 bedroom homes. This was itself a reapplication of a lapsed approval.	0.04	12.69	10.11	0.04	1.02	Operational	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R5LBQYOTL0300	9	Siting of containerised battery energy storage units including electrical ancillary equipment on vacant land off Howick Cross Lane.	Tier 1	Siting of containerised battery energy storage units including electrical ancillary equipment on vacant land off Howick Cross Lane (up to 57MW of storage capacity). The scheme includes the formation of a new site vehicle entrance off Howick Cross Lane and the installation of 2.5m high galvanised palisade fencing and gates. Discharge of conditions 8 and 9 pursuant to permission 07/2022/00021/FUL for siting of containerised battery energy storage units including electrical ancillary equipment on vacant land off Howick Cross Lane. The scheme includes the formation of a new vehicle entrance off Howick Cross Lane and the installation of 2.5m high galvanised fencing and gates	0.00	20.47	17.93	0.00	6.73	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PA5P7DOT01C00	10	Gas fired electricity generating facility (GFEGF)	Tier 1	The proposed site intended to be developed for an energy facility comprises a gas fired electricity generation facility made up of eleven 4.5MW Gas Engine Casements with associated cooling fans, control buildings, switch gear, transformers, gas regulation compound, gas connection compound and a 132kV substation, access, fencing, internal roads, attenuation tanks and other ancillary infrastructure.	0.05	20.15	17.61	0.05	6.41	Under construction	Yes	Yes	c	c	c	c	c	c	d	c	c	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QPQYFPOTJ6A00	11	Penwortham storage limited: proposed battery storage facility	Tier 1	The Application seeks planning permission to install a BSF that can provide EFR (and associated frequency services) and deliver peak demand power of up to 49.99MW. The batteries will be housed within 13 single storey steel cabins, known as E-Houses which are 13.5m long, 5m wide and 3.8m high (4.6m high including the roof mounted air conditioning units), which house banks of lithium-ion batteries. There will also be 26 MV blocks which house the transformers and inverters. These are 7.8m long, 2.2m wide and 2.7m high. The 132kv substation and associated electrical infrastructure will have a maximum height of 6m. The Compound is protected with a 2.5 m high steel mesh fence and a 4m high acoustic fence to the south and west. 07/2022/00052/VAR: Variation/removal of conditions 2, 5, 12-14 of permission 07/2021/00252/FUL for development of a 49.99 MW Battery Storage Facility, with associated infrastructure and landscaping. 07/2021/00117/DIS: Discharge of conditions pursuant to planning permission 07/20172821/FUL - erection of battery storage facility with associated infrastructure CCTV and landscaping.	0.03	20.25	17.71	0.03	6.50	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	a	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PM514QOTLQG00	12	Outline Permission to erect a pair of semi-detached houses	Tier 1	The semi-detached houses will have a combined frontage of 12.5m, depth of 7.3m and a footprint of 45.6sq.m each (91.2sq.m in total). The ridge height will be similar to that of adjacent properties, i.e. approximately 8m.	0.10	19.72	17.20	0.10	6.08	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QSVUKIOT0AS00	14	Proposed barn for the storage of agricultural machinery	Tier 1	Proposed barn for the storage of agricultural machinery	0.38	18.57	16.09	0.38	5.21	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QUOQFGOTJQX00	15	Proposed replacement of existing timber frame barns	Tier 1	Proposed replacement of existing timber frame barns with 3 no: new steel frame buildings for the storage of agricultural machinery. The building would be 6.157m in height.	0.38	18.57	16.09	0.38	5.21	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	a	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PUGYDYOTJ3700	16	Demolition of existing property and erection of larger semi detached dwelling	Tier 1	Demolition of existing property and erection of larger semi detached dwelling with first floor balcony to rear. The maximum height of the development would be 7.4m to the ridge.	0.38	18.57	16.09	0.38	5.21	Operational	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=QO7K0JOTIYQ00	17	Erection of agricultural livestock building	Tier 1	The proposal is to construct a large agricultural building for the purposes of livestock housing and bale storage. The materials proposed for the construction of the agricultural building are as follows: - Concrete base (150mm thick). - Steel portal frame. - Concrete panel walls to 1.5m in height. - Yorkshire board cladding to the eaves. - UPVC rainwater goods and downspouts. - Fibre cement roof sheeting. The maximum height of the barn will be 6m to the ridge of the roof.	0.65	18.15	15.68	0.65	4.87	Operational	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QCQFRSOTHLF00	18	Erection of Agricultural building for housing / feeding of livestock	Tier 1	Erection of Agricultural building for housing / feeding of livestock	0.72	17.93	15.45	0.72	4.60	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QKED2YOTII400	19	Erection of new dairy complex	Tier 1	The proposal is for the erection of two buildings and the construction of an earth banked slurry store. the parlour building will be 27m x 72m on the north side of Grange Lane and will house the rotary parlour, collecting yard, handling area and associated facilities detailed on the plans. The main cow accommodation will be 25m x 120m and provide modern cubicle accommodation for the dairy herd. The slurry store is 40m x 100m with a storage capacity of 12,915m³ and will provide adequate storage. The maximum building height will be 9.4m.	1.18	17.48	15.01	1.18	4.29	Under construction	No	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/16/1025	20	Outline application for 550 dwellings, an associated local centre, public open space and landscaping	Tier 1	An outline planning application for 550 dwellings, an associated local centre (including use classes A1-A5), public open space, landscaping and associated infrastructure. All matters are reserved. Submitted in 2016, consultation closed in 2020 but the application is still pending. Exact details of the proposed building sizes and heights will be submitted in an approved matters application, but indicative elevations are: Garages 1 storey, housing 2-3 storeys, apartments 3-4 storeys and community elements and local centres 4 storeys. The northeast section of this proposal overlaps with the transmission assets boundary.	1.05	4.58	2.16	1.05	9.14	Pending	No	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0881	21	Outline application for up to 17 enterprise units with a maximum combined floorspace of 2,474sq m and three hangars	Tier 1	An outline planning application for SME industrial units and private hangarage. All matters except access are reserved, but current plans show 17 industrial units of up to 2,474sq m floor space, and 3 hangards for airport related uses, with a total floor space of 5,750sq m. 171 car parking spaces are also proposed. The SME units have proposed eave elevations of approximately 5.25m, with an unknown further height to the maximum roof height.	0.00	2.10	0.00	0.37	11.47	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0461	22	Outline application for up to 155 dwellings with open space, landscaping.	Tier 1	An outline planning application for a residential development of up to 155 dwellings with public open space, landscaping, SuDS and vehicular access point. All matters are reserved except for the access point so plans are indicative, but current plans show a range of house sizes, up to 2.5 storeys high. The south of the site is bound by consented development of 333 homes, which is currently under construction (17/0129). Total site area is 6.84ha, of which approximately 4.37ha will be developed.	0.24	10.86	8.31	0.24	2.99	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0267	23	Outline application for business, industrial and storage/warehousing uses	Tier 1	An outline planning application for a mixed-use development including for business, industrial and warehousing, with all matters reserved. The application site covers 13ha of land. It is located to the north, east and south of the consented 20/0014, which is for 12 grass sports pitches.	0.00	3.27	0.85	0.00	10.29	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/15/0400	24	The development of 882 dwellings, as a component of approved outline application for 1150 dwellings	Tier 1	An outline planning application has been granted for 1150 new houses, provision for a school site and 34ha of parkland. This was approved following a reopened public enquiry by the SoS in 2012. Following this, phase two development is for 882 dwellings (phase one is the 66 dwellings detailed below) with associated landscaping and infrastructure. Construction has begun, but cannot continue until sufficient access has been provided. Temporary access is being sought under planning application reference 22/0188, until the proposed M55 link road has been constructed. The total area of the 882 dwellings is 24.7ha. There will be 56% two and three-bedroom homes and 44% four and five-bedroom homes.	0.37	4.10	1.53	0.37	9.50	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	c	c	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0862	25	The development of 66 dwellings, as a component of approved outline application for 1150 dwellings	Tier 1	An outline planning application has been granted for 1150 new houses, provision for a school site and 34ha of parkland. This was approved following a reopened public enquiry by the SoS in 2012. Phase one of the development involved a reserved matters application for 110 (13/0257 a), which was not implemented. Instead, an application for 66 dwellings was approved, and has been constructed. Total site area is 64.8ha, of which 34ha is for open parkland, 30ha for housing and 1ha for the school use. The dwellings are a mixture of 3-5 bed dwellings, and are all detached. The implemented development to date is on the survey boundary edge, but consented development in application 15/0400 contains areas inside the boundary. The area now designated as parkland also lies within the site boundary.	0.07	3.84	1.26	0.07	9.73	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0455	26	Erection of stable block, storage barn and creation of outdoor manage	Tier 1	This application proposes to erect a purpose built stable block, in a traditional timber structure which would provide 3 individual stables, one tack room, one sheep pen, one under cover area for farrier/vet/storage and a feed store. Separate to the stable block there is a building to store machinery equipment and haylage made on the land ancillary to the equine activity at the site. The stables are a standard 3.6m square. The storage barn is 4m to ridge, and the stables are 2.2 metres high.	0.01	14.46	11.88	0.01	0.54	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0527	27	Erection of stable building for private use	Tier 1	The proposed stable building would be 3.6m in height	0.18	16.67	14.09	0.18	2.75	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0083	28	Erection of agricultural building for storage of hay and machinery	Tier 1	The proposed agricultural building would be used to house all the tractors, machinery, tools and equipment that is used on the farm and that is currently kept outside.	0.21	14.52	11.94	0.21	0.76	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0296	29	Resubmission of application 16/0524 for outline application for erection of 115 dwellings	Tier 1	Outline application for 115 dwellings with all matters reserved. The land to the south of the application site has approval for 1150 dwellings, known as the Kensington Development. Though designs are to be submitted in a subsequent reserved matters application, the development will consist of 2-4 bedroom apartments, terrace, semi-detached and detached houses.	0.01	3.64	1.08	0.01	9.91	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0261	30	Erection of agricultural storage building and associated hardstanding	Tier 1	The applicant is proposing to erect a building to roof over a silage clamp and muck store. Building elevation will be 8.65m to the ridge, and have a total footprint of 0.38ha. The building will be constructed with a steel portal frame with concrete panels up to 3.6m.	0.08	4.06	1.49	0.08	9.49	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0735	31	Demolition of existing farmhouse and 4 agricultural buildings to facilitate construction of replacement dwelling	Tier 1	Works include: Extension of domestic curtilage to rear, erection of wall and fence to form curtilage boundary, repair and partial rebuilding or agricultural buildings for use incidental to occupation of dwellings house, erection of access gate and construction of replacement dwelling. The dwelling will be 3.5 storeys tall.	0.45	9.43	6.85	0.45	4.24	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0359	32	erection of replacement industrial unit and formation of 8 car parking spaces	Tier 1	The proposed development involves the erection of 1 no. replacement industrial building and 8 no. allocated parking bays. The exiting building has an area of 223m2. The proposed building is to have a footprint of 239.76m2. The proposed building will be 4m to eaves and 5.074m to ridge. The surrounding site comprised 11 industrial units and extends to approximately 3.12acres.	0.05	15.80	13.23	0.05	1.97	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0487 https://pa.fylde.gov.uk/Planning/Display/11/0221	33	Application for approval of reserved matters of layout, scale, appearance, access and landscaping pursuant to planning permission 11/0221 relating to erection of 1 no. Public house including access works, parking facilities and landscaping treatment	Tier 1	MIXED-USE Reserved Matters Application For 1 No. Public House (Matters Of Layout, Scale, Appearance, Access And Landscaping Applied For), Including Access Works, Parking Facilities And Landscaping Treatment, Associated With The Outline Planning Application Ref: 11/0221. This Relates To A Development Of 1400 Residential Dwellings, 20 Ha Of Class B2 General Industrial / Class B8 Storage And Distribution, Primary School, 2 Local Neighbourhood Centres), Class A4 Drinking Establishment, Class D1 Health Centre, Class D1 Community Building, Vehicle Access Onto Preston New Road And Mythop Road With Associated Road Infrastructure, Car Parking, Public Open Space, Sports Pitches, Allotments, The Retention And Improvement Of Natural Habitats, Watercourse, Ponds, Reed Beds Hedgerows And Landscaping Features.	0.05	15.80	13.23	0.05	1.97	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0461	34	Full planning application for residential develpoment comprising: 1) demolition of all existing buildings and structures 2) construction of 350 no. Dwellings, 3) landscaping, 4) partial closure and realignment of cropper road, 5) new accesses from cropper road to include a link to cropper close and lea green drive	Tier 1	Demolition of existing buildings and structures 2) Residential development comprising 350 no. dwellings with associated works to include landscaping.	1.51	4.72	2.45	1.51	9.15	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0593	35	Demolition of existing structures and erection of a mixed-use development comprising: 1) a use class e foodstore (1804sqm gross internal area) with associated vehicular access, car parking, servicing area, electrical sub-station, and hard and soft landscaping, and, 2) 80 no. Use class b8 small storage / warehouse units with vehicular access, car parking and landscaping arrangements	Tier 1	Demolition of existing structures and erection of a mixed-use development comprising a Use Class E foodstore with vehicular access arrangements, car parking, servicing area, electrical sub-station, and hard and soft landscaping; and, a Use Class B8 small unit storage / warehouse park with vehicular access arrangements.	1.04	8.56	6.28	1.04	5.74	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0537	36	EXTENSION AND ALTERATION OF THE BUILDING: 1) FIRST FLOOR EXTENSION TO FORM 4 NO. OFFICES AND 3 NO. STORAGE AREAS, 2) RELOCATION OF EXTERNAL PLANT AND EQUIPMENT TO GROUND FLOOR OF REAR ELEVATION, 3) DOOR INSERTION TO GROUND FLOOR REAR ELEVATION.	Tier 1	One-storey vertical extension to create offices and storage for use of the ground floor business.	0.98	12.92	10.38	0.98	1.38	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0312	37	ERECTION OF BUILDING FOR THE MANUFACTURING AND ASSEMBLY OF AIR SOURCE HEAT PUMPS (USE CLASS B2) INCLUDING FORMATION OF ASSOCIATED PARKING AREA - PART RETROSPECTIVE APPLICATION	Tier 1	Proposed new production facility for air source heat pumps.	1.39	8.51	6.32	1.39	6.04	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0262	38	STOPPING UP OF HIGHWAY TO EASTERN END OF DOCK ROAD INCLUDING CONSTRUCTION OF NEW TURNING HEAD, ERECTION OF VEHICLE AND PEDESTRIAN ACCESS GATES, INSTALLATION OF ANPR CAMERA, FORMATION OF CAR PARK ON NORTH SIDE OF DOCK ROAD, ERECTION OF PERIMETER FENCING AND INTRODUCTION OF SOFT LANDSCAPING - PART RETROSPECTIVE APPLICATION	Tier 1	Proposed stopping up of Dock Road and new car parking on land to north of Dock Road.	1.39	8.51	6.32	1.39	6.04	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0194	39	CONSTRUCTION OF 8 NO. UNITS FOR USE IN CLASS E (G) (i)-(iii), CLASS B2 OR CLASS B8 WITH ASSOCIATED ACCESS AND CAR PARKING ARRANGEMENTS.	Tier 1	Erection of 8 B2/B8 units.	1.59	5.11	2.81	1.59	8.77	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0431	40	ERECTION OF SINGLE STOREY TERRACE OF 4 UNITS FOR STORAGE AND DISTRIBUTION (CLASS B8) OR LIGHT INDUSTRIAL (CLASS E (G)) PURPOSES INCLUDING ASSOCIATED PARKING AREA AND 2M HIGH GATE TO ACCESS POINT FOLLOWING DEMOLITION OF EXISTING BUILDINGS ON SITE	Tier 1	Erection of new commercial units for B2, B8 and E(g) use.	1.89	5.09	3.33	1.89	9.18	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0330	41	CHANGE OF USE AND CREATION OF TWO DATACENTRE CABINS UNDER USE CLASS B8 (STORAGE AND DISTRIBUTION), WITH PROVISION OF TWO GENERATORS, 2.4M SECURE MESH FENCE TO SITE PERIMETER AND VEHICULAR ACCESS FROM PLUMPTON CLOSE.	Tier 1	Change of use and creation of two datacentre cabins under Use Class B8 (Storage and Distribution), with associated fencing, access, and provision of two generators	1.88	5.30	3.04	1.88	8.70	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0645	42	DEMOLITION OF EXISTING ACCOMODATION BLOCK (BUILDING 12) AND CONSTRUCTION OF A 3 STOREY BLOCK OF 69 NO. SINGLE LIVING ACCOMMODATION UNITS (BEDROOM AND ENSUITE FACILITIES, WITH COMMUNAL KITCHEN, DINING AND LOUNGE ARRANGEMENTS), INCLUDING ROOF MOUNTED SOLAR PANELS, DETACHED BIN STORE, BIKE STORE, SHELTER, EXTERNAL PLANT BUILDING AND ASSOCIATED SOFT AND HARD LANDSCAPING.	Tier 1	Demolition of Building 12 and development of a block of Single Living Accommodation to be used for purposes within use Class C2a, ancillary buildings, landscaping and associated works on existing car park.	5.86	9.91	7.85	5.86	7.35	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0151	43	DEMOLITION OF EXISTING DWELLING AND ERECTION OF THREE STOREY BUILDING INCORPORATING 8 TWO-BED FLATS AND 1 ONE-BED FLAT WITH ASSOCIATED PARKING, BIN STORE AND LANDSCAPING	Tier 1	The proposed development involves the demolition of an existing building, and the replacement with a three storey building with associated parking, bin store and landscaping.	1.59	3.29	1.85	1.59	10.81	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0148	44	UPGRADE OF EXISTING TELECOMMUNICATIONS BASE STATION COMPRISING REMOVAL OF EXISTING 12 METRE HIGH MONOPOLE AND INSTALLATION OF REPLACEMENT 17.5 METRE HIGH MONOPOLE SUPPORTING 6 ANTENNA ON AN OPEN HEADFRAME, INTERNAL WORKS TO EXISTING GROUND-BASED CABINETS AND ANCILLARY DEVELOPMENT THERETO	Tier 1	The proposed upgrade of an existing base station consisting of the removal of the 12m monopole and installation of a 17.5m monopole supporting 6 no antenna on an open headframe with internal works to the existing ground-based cabinets and ancillary development thereto.	0.24	1.84	0.24	0.86	11.83	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	e
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1114	45	ERECTION OF TERRACE OF 5NO SINGLE STOREY UNITS FOR CLASS E(G)(III) (LIGHT INDUSTRIAL) USE & CLASS B8 (STORAGE AND DISTRIBUTION) USE WITH ACCESS OFF HOLLY CLOSE AND PARKING	Tier 1	Proposed development to provide five industrial units and associated car parking	1.89	5.55	3.26	1.89	8.42	Operational	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1121	46	RESUBMISSION OF APPLICATION 21/0685 FOR| CHANGE OF USE OF BUILDING FROM RETAIL (USE CLASS E(A)) AND OFFICES (USE CLASS E(G)(I)) TO A MIXED USE COMPRISING A SPA (USE CLASS SUI GENERIS) AT BASEMENT LEVEL; A RESTAURANT AND BAR (USE CLASSES E(B) AND SUI GENERIS) AT GROUND FLOOR; MEDICAL TREATMENT AND MASSAGE ROOMS (USE CLASSES E(E) AND SUI GENERIS) AT FIRST FLOOR; A FOUR SUITE HOTEL (USE CLASS C1) AT SECOND FLOOR; AND ROOF TOP BAR (USE CLASS SUI GENERIS) AT THIRD FLOOR, INLCUDING THE FOLLOWING EXTERNAL ALTERATIONS: 1) INSTALLATION OF GLAZED ENCLOSURE AND THIRD FLOOR EXTENSION TO CORNER TURRET; 2) REPLACEMENT OF EXISITNG HIPPED ROOF WITH GLAZED FLAT ROOF AND CURVED CANOPY TO ROOF TOP BAR; 3) ALTERATIONS TO EXISTING GROUND FLOOR EXTENSION, SHOP FRONT AND CANOPY TO CREATE NEW ENTRANCES; 4) FORMATION OF FIRST AND SECOND FLOOR BALCONIES TO SIDE ELEVATION; 5) REPLACEMENT OF FIRST FLOOR TIMBER WINDOWS ON FRONT, SIDE AND REAR ELEVATIONS WITH UPVC WINDOWS; 6) BLOCKING UP OF EXISTING WINDOWS AND PARTIAL OVERCLADDING OF EXTERNAL WALL TO REAR ELEVATION; 7) CONSTRUCTION OF ROOF-LEVEL	Tier 1	Change of use to mixed-use development	1.17	2.42	1.17	1.23	11.52	Under construction	Yes	yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1078	47	ERECTION OF THREE STOREY BUILDING PROVIDING 16 NO. X 1 BED RESIDENTIAL FLATS FOLLOWING DEMOLITION OF EXISTING BUILDINGS	Tier 1	This application seeks to gain approval for the demolition of 5 existing buildings and replaced with a total no. 16 1-bed residential units, with internal kitchen, living, and en-suite facilities, along with a landscaped garden area to the rear. The entirety of site area will be utilised for the development	1.14	12.37	9.90	1.14	1.60	Pending	Yes	Yes	d	d	c	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0906	48	CONSTRUCTION OF 10 NO. UNITS FOR USE IN CLASS E (G) (i)-(iii), CLASS B2 OR CLASS B8 WITH ASSOCIATED ACCESS AND CAR PARKING ARRANGEMENTS	Tier 1	The construction of ten Business units (E, B2 & B8) in a two block terrace with a central access road, parking for 39 vehicles and a hammerhead turning facility for delivery vehicles.	1.47	5.07	2.75	1.47	8.75	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0770	49	RESIDENTIAL DEVELOPMENT OF 38 DWELLINGS WITH ASSOCIATED INFRASTRUCTURE	Tier 1	Erection of 38 no. dwellings. It includes an apartment style, short terrace building of 1 and 2 bedroom units and other 2, 3 and 4 bedroom semi and detached dwellings.	7.13	14.32	12.24	7.13	7.67	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0281	50	CHANGE OF USE OF LAND TO CREATE A WOODLAND MEMORIAL AND BURIAL GROUND WITH ASSOCIATED VEHICLE ACCESS, INTERNAL ACCESS TRACK, AND LANDSCAPING	Tier 1	Change of use of land to create a Woodland and Memorial Burial Ground	0.24	8.48	5.91	0.24	5.19	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0535	51	ERECTION OF INDUSTRIAL BUILDING FOR MIXED USE WITHIN CLASSES E (G) (BUSINESS), B2 (GENERAL INDUSTRY) AND/OR B8 (STORAGE OR DISTRIBUTION) INCLUDING ALTERATIONS TO CONFIGURATION OF EXISTING ACCESS ROAD AND VEHICLE PARKING AREA	Tier 1	Proposed Construction of Detached New Industrial Building for Business Use Class B1, B2 & B8. To Include Alterations to Existing Access Track Routing and Parking Areas. The building would have a height to ridge of 8.2m.	2.97	11.20	8.82	2.97	3.46	Withdrawn	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0785	52	ERECTION OF 62 AFFORDABLE DWELLINGS WITH VEHICULAR ACCESS FROM CROPPER ROAD, ASSOCIATED INTERNAL ESTATE ROAD, FLOOD ATTENUATION AREA AND POTENTIAL PEDESTRIAN /CYCLE LINKS	Tier 1	Erection of 65 affordable dwellings with vehicular access from Cropper Road and pedestrian/cycle links	1.29	4.80	2.47	1.29	8.97	Withdrawn	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0752	53	ERECTION OF A TWO STOREY 66-BED RESIDENTIAL CARE HOME FOR OLDER PEOPLE (USE CLASS C2) WITH ASSOCIATED PARKING, LANDSCAPING AND COMMUNAL FACILITIES	Tier 1	Erection of a 66-bed care home for older people (Use Class C2) with associated access, landscaping and parking	1.80	12.19	9.78	1.80	2.32	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0712	54	ERECTION OF SPLIT LEVEL 3-5 STOREY BLOCK OF 29 APARTMENTS WITH ASSOCIATED CAR PARKING, LANDSCAPING AND COMMUNAL FACILITIES INCLUDING FORMATION OF NEW ACCESSES OFF LIGHTBURNE AVENUE	Tier 1	Erection of new build 3/4/5 storey apartment development comprising twenty nine (29no) units with associated communal and ancillary spaces, car parking provision, amended vehicle and pedestrian access points and detached single storey bin store and bike store building	2.02	3.19	2.15	2.02	11.19	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0620	55	HYBRID PLANNING APPLICATION COMPRISING: 1) FULL PLANNING APPLICATION FOR CONSTRUCTION OF SIGNAL-CONTROLLED JUNCTION TO FLEETWOOD ROAD TO NORTH OF STADIUM WITH CONNECTING SPINE ROAD AND ASSOCIATED ROAD INFRASTRUCTURE, CONSTRUCTION OF NORTH STAND AT STADIUM, AND FORMATION OF CAR PARKING AREA. 2) OUTLINE APPLICATION (ALL MATTERS RESERVED) FOR ERECTION OF BUILDING TO HOUSE INDOOR COMMUNITY SPORTS PITCH ADJACENT CORONATION WAY, AND RESIDENTIAL DEVELOPMENT OF UP TO 99 DWELLINGS TO NORTH OF NEW JUNCTION	Tier 1	Hybrid planning application for development of second phase of the Mill Farm Sports Village, comprising of: 1.Full planning application for new signal-controlled junction, spine road and associated road infrastructure; new north-stand for AFC Fylde; new car parking arrangements. 2.Outline application (all matters reserved) for new building to house indoor community sports pitch; residential development of up to 99 dwellings.	3.00	11.76	9.40	3.00	3.53	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0651	56	ERECTION OF BUILDINGS TO PROVIDE 28 STABLES WITH ASSOCIATED STORAGE AND WELFARE FACILITIES, CHANGE OF USE OF LAND TO PROVIDE CAR PARKING AND EXTENSION TO OUTDOOR HORSE EXERCISE ARENA WITH ASSOCIATED FLOODLIGHTING IN CONNECTION WITH FORMATION OF COMMERCIAL LIVERY BUSINESS - RETROSPECTIVE APPLICATION	Tier 1	This application seeks consent for the retention of buildings containing 28 livery stables, tack storage area, a kitchen and wc area and an extended sand paddock which have been largely undertaken on site.	8.15	11.53	9.68	8.15	9.04	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0630	57	CONSTRUCTION OF 120 SPACE CAR PARK WITH ASSOCIATED ACCESS, FENCING, DRAINAGE AND LIGHTING	Tier 1	The construction of additional car parking facilities for Olympic Court Business Park, providing 120 additional car spaces with space for Motorbikes and bicycles. Access to the overspill car park is directly from the Olympic Court development.	1.71	5.13	2.85	1.71	8.81	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0602	58	ERECTION OF BUILDING TO HOUSE GENERATOR ASSOCIATED WITH REPLACEMENT RADAR TOWER, AND ERECTION OF 3M HIGH FENCE AROUND RADAR TOWER SITE	Tier 1	Construction of a new generator enclosure and security fenceline	1.48	11.83	9.38	1.48	2.75	Operational	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0472	59	ERECTION OF 40 DWELLINGS (INCLUDING 2 AFFORDABLE HOMES) AND ASSOCIATED INTERNAL ESTATE ROAD, ON-SITE OPEN SPACE, FLOOD ATTENUATION AREA, PUMPING STATION, LANDSCAPING AND OTHER WORKS FOLLOWING DEMOLITION OF EXISTING BUNGALOW	Tier 1	Redevelopment of site including demolition of existing structures, erection of 40 houses (including 2 affordable homes) and associated internal estate road, on site open space, flood attenuation area, pumping station, landscaping and external works	1.92	4.66	2.49	1.92	9.43	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0480	60	PHASED REDEVELOPMENT OF SITE TO A HOLIDAY CARAVAN PARK INCLUDING: 1) REMOVAL OF EXISTING LODGES/CHALETS/BUILDINGS; 2) CONSTRUCTION OF 35 BASES EACH TO CONTAIN A STATIC CARAVAN; 3) RECONFIGURATION OF INTERNAL ACCESS ROAD; AND 4) PROVISION OF PARKING SPACES FOR EACH CARAVAN	Tier 1	Phased redevelopment of site to a holiday caravan park including removal of existing units, construction of 35 bases, reconfiguration of internal access road and provision of parking spaces for each caravan. It is both the opinion of Highways England, LCC Highways and that of professional officers in accordance with SCP's technical note, that given the scale and nature of the development no unacceptable impacts would be imposed on highways safety. Relates to 20/0542	8.73	11.40	9.69	8.73	10.35	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0316	61	INSTALLATION OF A 20 METRE HIGH ELECTRONIC COMMUNICATIONS MAST INCLUDING THREE ANTENNAS TO PROVIDE FASTER WIFI INTERNET ACCESS FOR THE LOCAL RURAL COMMUNITY	Tier 1	Installation of a 20M mast to provide faster WiFi internet access for the local rural community. The mast will be installed in private land 150M away from a public highway.	2.43	16.97	14.52	2.43	3.70	Operational	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0109	62	TEMPORARY (5 YEARS) PLANNING PERMISSION FOR THE ERECTION OF 15M HIGH COLUMN TO HOUSE 2.7M LONG RADAR BLADE, CAMERA AND WEATHER SENSORS WITH ASSOCIATED BASE AND POWER SUPPLY CONNECTIONS	Tier 1	2743mm diameter radar, camera and weather GRS sensors mounted on a 15m CCTV style column on a 2mx2mx1m deep concrete base with a power supply.	2.92	4.85	3.55	2.92	9.98	Operational	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0851	63	ERECTION OF NEW STORAGE BUILDING AND SUB-STATION.	Tier 1	Construction of a new Store building and modular Sub-station for new transformer, HV and LV switchgear.	0.67	12.67	10.11	0.67	0.90	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0883	64	ERECTION OF TEN AFFORDABLE DWELLINGS AND ASSOCIATED WORKS, TO REPLACE FIVE MARKET DWELLINGS PREVIOUSLY APPROVED UNDER APPLICATION REF. 19/0802.	Tier 1	Erection of ten affordable dwellings and associated works, to replace five market dwellings previously approved under application ref. 19/0802	4.08	9.01	6.74	4.08	6.04	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0884	65	ERECTION OF AGRICULTURAL LIVESTOCK BUILDING (SOUTHERN BUILDING FORMING PHASE 1)	Tier 1	erection of one new agricultural livestock building. Phase 1 of a 2 phase plan. The building would have a ridge height of up to 6.3m.	4.42	15.37	13.05	4.42	4.87	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0874	66	ERECTION OF AGRICULTURAL LIVESTOCK BUILDING (NORTHERN BUILDING FORMING PHASE 2)	Tier 1	erection of one new agricultural livestock building. Phase 2 of a 2 phase plan - Phase 1 was app ref. 20/884	4.42	15.37	13.05	4.42	4.87	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0713	67	RETROSPECTIVE APPLICATION FOR ERECTION OF TWO NEW AGRICULTURAL BUILDINGS AND A SLURRY TANK FOLLOWING DEMOLITION OF EXISTING BUILDINGS	Tier 1	Erection of two new agricultural buildings and a slurry tank (following demolition of existing)	1.14	6.15	4.01	1.14	7.96	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0677	68	CONSTRUCTION OF A 3 G FOOTBALL / RUGBY PITCH AND PROVISION OF A GRASS RUGBY PITCH AND TRAINING AREA ALONGSIDE AN ANCILLARY CHANGING / SPECTATOR BUILDING OF 675 SQM GIA, RECONFIGURATION AND EXTENSION TO EXISTING CAR PARK, PROVISION OF SPECTATOR HARDSTANDING AREAS AND NEW LANDSCAPING AND FENCING WITH JUNCTION WORKS TO THE EXISTING ACCESS ROAD AND THE CREATION OF A NEW FOOTWAY AND CYCLEWAY TO LINK FACILITIES TO COMMON EDGE ROAD	Tier 1	Construction of a 3 G football / rugby pitch and provision of a grass rugby pitch and training area alongside an ancillary changing spectator building of 675 sqm GIA, reconfiguration and extension to existing car park, provision of spectator hardstanding areas and new landscaping and fencing with junction works to the existing access road, Division Lane and the creation of a new footway and cycleway to link facilities to Common Edge Road	0.05	3.01	0.60	0.05	10.54	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0573	69	ERECTION OF SIX INDUSTRIAL UNITS PROVIDING A TOTAL OF 428 SQUARE METRES OF FLOORSPACE FOR LIGHT INDUSTRIAL (CLASS B1C)) USES INCLUDING FORMATION OF ASSOCIATED ACCESS AND PARKING AREAS AND PROVISION OF LANDSCAPING	Tier 1	Erection of Light Industrial (Class B1) units. The proposal also includes for the landscaping of the boundary between the backs of the units and the adjoining dwellings to the west.	1.37	8.49	6.30	1.37	6.05	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0587	70	ERECTION OF THREE STOREY BUILDING PROVIDING 7 FLATS FOR AFFORDABLE (FIRST HOME) ACCOMODATION WITH ACCESS FROM BACK GLEN ELDON STREET. LANDSCAPING / PUBLIC OPEN SPACE AREA	Tier 1	Erection of a building containing seven one bedroom apartments in a two and a half storey building (with associated car parking) and area for public works/open space.	1.03	2.50	1.04	1.03	11.37	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters									
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0541	71	1) ERECTION OF NEW AGRICULTURAL BUILDING FOR UNDERCOVER STORAGE OF MIDDEN INCLUDING INSTALLATION OF ASSOCIATED CONCRETE APRON AND UNDERGROUND EFFLUENT COLLECTION TANK; AND 2) EXTENSION TO REAR OF EXISTING AGRICULTURAL BUILDING TO CREATE CANOPY OVER EXISTING CATTLE HANDING/FEED YARD	Tier 1	erection of two agricultural buildings, one for undercover storage of midden, and one for a roof overt a cattle handling/feed yard. The buildings would have a ridge height of up to 7m, and a footprint of 12.1m x 22.8m.	8.38	12.51	10.61	8.38	8.93	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0399	72	ERECTION OF A SINGLE STOREY BUILDING FOR USE AS FARM EDUCATIONAL CENTRE AND CAFE WITH ASSOCIATED CAR PARKING AND LANDSCAPING	Tier 1	The erection of a single storey building to create an educational centre and farm café. The building would have a footprint of 24m x 20m, with a ridge height of 4.4m.	0.59	5.85	3.43	0.59	7.74	Pending	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0788	73	ERECTION OF ONE ADDITIONAL DWELLING AND ASSOCIATED EXTERNAL ALTERATIONS TO EXISTING DWELLING	Tier 1	Additional dwelling	0.69	3.60	1.50	0.69	10.16	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0776	74	ERECTION OF DETACHED TWO STOREY DWELLING	Tier 1	Erection of a single dwelling	0.21	4.61	2.19	0.21	8.94	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0753	75	ERECTION OF BUILDING FOR STORAGE OF AGRICULTURAL CHEMICALS AND FUELS	Tier 1	agricultural storage building for agricultural chemicals and fuels. Building would have a footprint of 6mx16.7m, with a height of 3.2m.	6.21	11.87	9.76	6.21	6.76	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0564	76	ERECTION OF AGRICULTURAL BUILDING, RENEWAL OF CONCRETE TO FARM YARD AND EXTENSION OF FARM YARD, AND CONSTRUCTION OF CONCRETE TRACK OVER FIELD TO REAR	Tier 1	Proposed agricultural building to roof over a cattle gathering area and proposed renewal of concreting in the farmyard and farm track. The building would have a footprint of 18.3m x 24.5m, and a height of 6.821m.	1.98	5.86	3.58	1.98	8.20	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0737	77	RETROSPECTIVE APPLICATION FOR ERECTION OF BUILDING TO BE USED FOR LIGHT INDUSTRIAL PURPOSES IN CLASS E (g) (iii) - (RECONSTRUCTION OF AGRICULTURAL BUILDING APPROVED FOR CONVERSION TO LIGHT INDUSTRIAL USE UNDER PLANNING PERMISSION 19/0782)	Tier 1	Replacement commercial building (Application to regularise works completed in relation to application 19/0782). Building would have a height of 5.5m.	0.07	5.43	2.85	0.07	8.16	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0713	78	RETROSPECTIVE APPLICATION FOR ERECTION OF TWO NEW AGRICULTURAL BUILDINGS AND A SLURRY TANK FOLLOWING DEMOLITION OF EXISTING BUILDINGS	Tier 1	Erection of two new agricultural buildings and a slurry tank (following demolition of existing).	1.14	6.15	4.01	1.14	7.96	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0678	79	ERECTION OF TIMBER FRAMED ANIMAL SHELTER / STORE	Tier 1	ERECTION OF TIMBER FRAMED ANIMAL SHELTER / STORE	0.10	12.78	10.20	0.10	0.95	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0551	80	ERECTION OF STABLE BLOCK FOR PRIVATE EQUESTRIAN USE (RETROSPECTIVE)	Tier 1	This application is to retain a purpose-built stable block, in a traditional timber structure which provides two individual stables. Surface water drainage will discharge into the existing field drain network. Manure from the stables will be stored at the site on a concrete base for use as fertilizer on grassland and removed from site by a local farmer .	1.65	4.51	2.29	1.65	9.44	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0863	81	DEMOLITION OF EXISTING DWELLINGHOUSE AND ERECTION OF TWO STOREY BUILDING COMPRISING A BOATHOUSE WITH CAFE AT GROUND FLOOR AND THREE-BED HOLIDAY APARTMENT AT FIRST FLOOR, INCLUDING CONSTRUCTION OF DECKED LAKESIDE JETTY, ADDITIONAL CAR PARKING AREAS WITH ASSOCIATED ACCESS ROAD, LAUNCH RAMP FOR BOATS AND EXTERNAL STEPPED AND RAMPED PEDESTRIAN ACCESSES	Tier 1	The proposal is for the existing Windrush Farm House to be demolished and replacement Boat House to be constructed on the Lower Ground Floor accessed from the lake and 3 bed luxury apartment at the Ground Floor accessed from the rear.	1.21	11.51	8.96	1.21	2.04	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0572	82	ERECTION OF TWO STOREY BUILDING TO REAR FOLLOWING DEMOLITION OF EXISTING GARAGE TO PROVIDE CARPORT WITH RESIDENTIAL ANNEX ABOVE	Tier 1	Demolition of existing garage and the erection of two storey building.	1.88	7.81	5.82	1.88	6.98	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0481	83	CONSTRUCTION OF WATER TREATMENT TANK ASSOCIATED WITH POTATO PRODUCTION PROCESS ON SITE. TANK HAS HEIGHT OF 7M AND DIAMETER OF 6.8M WITH ITS BASE 1M BELOW GROUND ON CONCRETE BASE IN A BUNDED HOLLOW	Tier 1	Siting of a partly below ground water treatment tank and removal of existing banking and the creation of a yard area.	5.05	10.66	8.42	5.05	5.57	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0514	84	ERECTION OF BUILDING FOR STORAGE AND DISTRIBUTION USE (CLASS B8) OVER AN EXISTING DIS-USED SILAGE CLAMP STRUCTURE AND HARDSTANDING AREA	Tier 1	Proposed three span storage building to be constructed over an existing dis-used silage clamp structure and an open hardstanding area.	3.72	7.14	5.08	3.72	8.24	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0363	85	DEMOLITION OF EXISTING RESTAURANT AND ERECTION OF 8 DWELLINGS	Tier 1	Demolition of existing restaurant and erection of 8 nr 2 storey detached dwellings	6.99	14.26	12.16	6.99	7.53	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0415	86	INSTALLATION OF NEW SHOP FRONT AND ADDITIONAL ENTRANCE DOOR TO GROUND FLOOR, PROVISION OF 1.1M HIGH WALL WITH RAILINGS TO FORECOURT, CREATION OF TWO FLATS (ONE AT FIRST FLOOR AND ONE AT SECOND FLOOR), ERECTION OF REPLACEMENT SINGLE STOREY REAR EXTENSION; AND EXTERNAL ALTERATIONS TO REAR ELEVATION INCLUDING INSERTION OF NEW WINDOW AND DOOR OPENINGS, REMOVAL OF EXTERNAL STAIRCASE, OVER RENDERING OF EXTERNAL WALL AND INSERTION OF ROLLER SHUTTER DOOR IN BOUNDARY WALL	Tier 1	EXTERNAL ALTERATIONS TO SHOP FRONT AND REAR ELEVATIONS INC NEW BLACK ALUMINIUM WINDOWS AND K REND TO REAR ELEVATIONS, REPLACEMENT EXTENSION TO REAR AND ALTERATION FROM 1 DUPLEX FLAT TO 3 SELF CONTAINED FLATS	1.05	2.68	1.16	1.05	11.21	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0404	87	ERECTION OF 2.5 STOREY DETACHED DWELLING WITH ATTACHED SINGLE STOREY SWIMMING POOL ANNEX AND DETACHED GARAGE / OUTBUILDING IN WALLED GARDEN WITH NEW ACCESS DRIVEWAYS FROM WATCHWOOD DRIVE AND ASSOCIATED LANDSCAPING	Tier 1	Erection of a dwelling and garaging, re-instatement/repair of the wall and walled garden and vehicular access to same.	1.14	6.15	4.01	1.14	7.96	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0356	88	DEMOLITION OF EXISTING SINGLE STOREY STORAGE UNIT AND CONSTRUCTION OF REPLACEMENT THREE STOREY BUILDING WITH SINGLE STOREY OUTRIGGER TO REAR TO BE USED AS A STORE (USE CLASS B8) AT THE GROUND FLOOR WITH OFFICES (USE CLASS B1) AT FIRST AND SECOND FLOOR LEVELS - PART RETROSPECTIVE APPLICATION	Tier 1	Construction of 3 Storey Building to Create a Workshop and offices	0.72	3.04	1.14	0.72	10.74	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0413	89	ERECTION OF TWO STOREY DETACHED DWELLING	Tier 1	New single dwelling. Building would have a ridge height of 7.885m.	0.07	10.54	7.99	0.07	3.30	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0361	90	ERECTION OF ONE DETACHED DWELLING	Tier 1	Erection of one detached dwelling.	1.24	13.95	11.52	1.24	1.71	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0316	91	MIXED USE DEVELOPMENT INVOLVING: 1) CHANGE OF USE OF THE PUBLIC OFFICES BUILDING (292-294 CLIFTON DRIVE SOUTH) FROM OFFICE USE (CLASS B1) TO RETAIL (CLASS A1) WITH ANCILLARY CAFE (CLASS A3) INCLUDING DECKING AREA TO REAR, ELEVATIONAL CHANGES TO THIS BUILDING, AND DEMOLITION OF OUTBUILDING TO REAR; 2) DEMOLITION OF FORMER COUNCIL OFFICE BUILDING (288-290 CLIFTON DRIVE SOUTH) AND ERECTION OF 4 STOREY BUILDING PROVIDING 23 No. ONE AND TWO BEDROOM APARTMENTS; AND 3) ALTERATIONS TO EXISTING VEHICULAR ACCESS TO THE SITE, CAR PARKING AND LANDSCAPING	Tier 1	A mixed use development involving restoration and remodelling of the former Listed Public Offices building (292-294 Clifton Drive South), changing use from office to retail. Further former Council Office building at 288-290 Clifton Drive South will be demolished and replaced with a new residential apartment scheme of 23no. one and two bedroom apartments. Alterations to the existing vehicular access to the site are proposed as part of the works along with associated landscaping and car parking.	1.34	2.45	1.34	1.50	11.61	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0315	92	RESIDENTIAL DEVELOPMENT OF 37 DWELLINGS COMPRISING 100% AFFORDABLE HOUSING WITH ASSOCIATED INFRASTRUCTURE	Tier 1	Erection of 39 no. dwellings, parking, landscaping and all other associated works	0.31	14.68	12.11	0.31	0.94	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0300	93	CONSTRUCTION OF A SINGLE STOREY 46 BED ACCOMMODATION BLOCK AND ASSOCIATED HARD AND SOFT LANDSCAPING	Tier 1	The proposed construction of a single storey 46 bed accommodation block and associated hard and soft landscaping. Proposed ridge height of 5.356m.	0.67	12.67	10.11	0.67	0.90	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0281	94	REPLACEMENT OF EXISTING BUNGALOW WITH TWO STOREY DWELLING AND REPLACEMENT OF FORMER OUTBUILDING WITH SINGLE STOREY RESIDENTIAL ANNEX - PART RETROSPECTIVE APPLICATION	Tier 1	Planning Permission for a replacement dwelling and retrospective planning permission for an associated residential annex	5.68	11.84	9.68	5.68	6.23	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0272	95	ERECTION OF AGRICULTURAL BUILDING TO ACCOMMODATE A MOBILE GRAIN DRYER	Tier 1	Erection of an agricultural building, with a footprint of 12.2m x 12.2m and a height of 9.504m to the ridge.	2.97	11.20	8.82	2.97	3.46	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0245	96	CHANGE OF USE AND EXTENSION OF EXISTING BUILDING TO PROVIDE 9 APARTMENTS INCLUDING SPLIT-LEVEL TWO/THREE STOREY REAR EXTENSION, ALTERATIONS TO SHOP FRONT, CONSTRUCTION OF REAR DORMER AND PROVISION OF OFF-STREET PARKING	Tier 1	Two Storey Rear Extension and Change of Use of Premises to Create 9 Two Bedroom Permanent Self Contained Apartments	2.32	5.09	3.53	2.32	9.42	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0192	97	ERECTION OF TWO STOREY BUILDING TO PROVIDE VIRTUAL FILM PRODUCTION STUDIO FACILITY, SINGLE STOREY LINK TO EXISTING BUILDING, AND FORMATION OF CAR PARKING AND TURNING AREA FOLLOWING DEMOLITION OF 4 NO. EXISTING AGRICULTURAL BUILDINGS	Tier 1	Demolition of four existing agricultural buildings and proposed construction of a new build office linking to the existing offices and virtual film production studio building to include car parking, landscaping and improved vehicular access	1.93	8.65	6.19	1.93	4.96	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0230	98	ERECTION OF TWO STOREY DWELLING WITH BALCONY TO FRONT AS REPLACEMENT FOR EXISTING DWELLING, ALTERATIONS TO EXISTING GARAGE, AND EXTENSION OF GARDEN AREA TO FRONT TO INCORPORATE EXISTING FOOTWAY WITH 1.8m HIGH WALL / ALUMINIUM PANEL FENCE TO FRONT BOUNDARY	Tier 1	Demolition of existing dwelling and erection of new 2 storey dwelling including alterations to existing garage and landscaping	2.17	6.09	4.38	2.17	8.55	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0161	99	ERECTION OF RURAL WORKER DWELLING (REVISED SCALE, SITING AND DESIGN OF DWELLING APPROVED UNDER UNIMPLEMENTED PLANNING PERMISSION 15/0507)	Tier 1	full application for changes to design & siting of approved key worker dwelling (revision of 15/0507). Erection of a rural worker dwelling.	4.11	12.73	10.44	4.11	4.66	Pending	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0169	100	ERECTION OF 3 DWELLINGS WITH ASSOCIATED ACCESS, PARKING & LANDSCAPING	Tier 1	Application for residential development of up to 9 dwellings. It will include construction of a junction onto Beech Road. Access road would have a carriageway width of 4.8m and 2m wide footways on either side of the road at the entry to site.	6.98	14.01	11.92	6.98	7.53	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0183	101	RESIDENTIAL DEVELOPMENT OF 28 AFFORDABLE DWELLINGS COMPRISING 22 HOUSES AND 6 APARTMENTS WITH ASSOCIATED INFRASTRUCTURE	Tier 1	Erection of 22 no. affordable dwellings and 6 no. affordable apartments with associated car parking and landscaping, and access from Bowden Lane.	0.84	3.90	1.77	0.84	9.90	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0122	102	ERECTION OF DETACHED TWO STOREY DWELLING	Tier 1	New dwelling house	0.36	10.79	8.25	0.36	3.14	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0199	103	ERECTION OF NEW STEEL FRAMED STORAGE BUILDING TO ACCOMMODATE MACHINERY AND TACK ROOM FOLLOWING DEMOLITION OF EXISTING OUTBUILDINGS	Tier 1	Demolition of existing outbuildings and construction of new steel framed storage building to house machinery, tack etc	0.05	14.83	12.26	0.05	1.01	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0121	104	ERECTION OF AGRICULTURAL STORAGE BUILDING AND FORMATION OF EXTENDED HARD STANDING AREA	Tier 1	Erection of Agricultural Storage Building, Extension of Hard Standing	0.01	6.20	3.62	0.01	7.38	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0170	105	REPLACEMENT OF EXISTING 20.0M LATTICE MAST WITH A 25.0M HIGH CAPACITY LATTICE MAST SUPPORTING 6 NO ANTENNA APERTURES, 4 NO DISHES. INSTALLATION OF GROUND-BASED EQUIPMENT CABINETS AND ANCILLARY DEVELOPMENT.	Tier 1	The replacement of an existing 20.0m lattice mast with a 25.0m high capacity lattice mast supporting 6 no antenna apertures, 4 no dishes together with the installation of ground-based equipment cabinets and ancillary development thereto.	1.84	11.86	9.44	1.84	2.31	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0108	106	DEMOLITION OF EXISITNG BUILDINGS AND ERECTION OF REPLACEMENT DWELLING WITH DETACHED GARAGE	Tier 1	Demolition of an existing dwelling and outbuildings on the site and the creation of a new residential property and separate garage.	1.18	4.51	2.26	1.18	9.29	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0136	107	ERECTION OF A RADAR TOWER AND RADOME (TOTAL HEIGHT 30.85M ABOVE GROUND LEVEL) TO REPLACE EXISTING RADAR TOWER AND RADOME (32.5M ABOVE GROUND LEVEL) WITH ASSOCIATED INFRASTRUCTURE INCLUDING CONTROL ROOM AND SECURITY FENCE	Tier 1	Erection of a new radar tower and room module following demolition of the existing.	1.46	11.81	9.35	1.46	2.75	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0089	108	ERECTION OF ONE TWO-STOREY DWELLING WITH DETACHED DOUBLE GARAGE INCLUDING FORMATION OF OFF-STREET PARKING FOR EXISTING AND PROPOSED DWELLINGS	Tier 1	Erection of 1No two storey dwelling house	1.01	3.71	1.80	1.01	10.15	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0057	109	RESIDENTIAL DEVELOPMENT OF 14 DWELLINGS WITH ASSOCIATED INFRASTRUCTURE TO FORM AN EXTENSION OF THE 350 DWELLING DEVELOPMENT PROPOSED BY APPLICATION 20/0042	Tier 1	Full application for the erection of 14 dwellings	0.89	11.64	9.12	0.89	2.50	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0071	110	ERECTION OF SEVEN DETACHED DWELLINGS WITH NEW ACCESS ROAD OFF MAINS LANE INCLUDING CREATION OF NEW ACCESS FOR NO. 29 MAINS LANE VIA PROPOSED CUL-DE-SAC (RESUBMISSION OF APPLICATION 18/0872)	Tier 1	Erection Of Seven Detached Dwellings With New Access Road Off Mains Lane Including the Creation of New Access For No. 29 Mains Lane (Resubmission of application ref: 18/0872)	8.58	11.13	9.43	8.58	10.44	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0028	111	ERECTION OF TWO STOREY BUILDING TO PROVIDE DWELLING WITH INTEGRAL GARAGE TO REPLACE EXISTING STORAGE BUILDING AND YARD AREA	Tier 1	Erection of new dwelling in place of existing sheds and parking spaces. Provision of under croft parking and accommodation above. The building will be formed from two pitches wings with a central terrace at first floor. Its scale will reflect the existing buildings and the pitched form sits within the landscape of rooftops to the rear of buildings adjacent to the site.	2.16	7.11	5.21	2.16	7.62	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/1027	112	ERECTION OF REPLACEMENT AGRICULTURAL BUILDING	Tier 1	To replace old dilapidated existing sheep and workshop/machinery buildings with one new structure built over the top of them, and then remove the old buildings underneath. The new building is equivalent to the size of the original except for being approximately 1.2m higher. The new building measures 45' x 40' with a 30' x 15' lean to.	1.24	13.95	11.52	1.24	1.71	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0014	113	ERECTION OF NEW DETACHED DWELLING AND GARAGE	Tier 1	Erection of detached house and off street car parking, accessed from North Warton Street (Revision to extant approval 17/0028)	1.85	7.72	5.73	1.85	7.03	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/1012	114	ERECTION OF BUILDING TO ACCOMMODATE NITROGEN PRODUCTION AND STORAGE FACILITY	Tier 1	Proposed Nitrogen facility	1.01	16.50	13.95	1.01	2.82	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/1037	115	ERECTION OF 7 NO. TWO STOREY RESIDENTIAL DWELLINGS	Tier 1	The application is for the erection of eight, two storey dwellings. These houses are 4/5 bedroom properties that are intended for re-sale. The dwellings are to be detached houses with five of the plots having detached garages. The proposal is to include the construction of a new access road. The plot area is 2233m2 and the total floor area is 1480m2.	2.47	10.72	8.29	2.47	3.13	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters									
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0998	116	ERECTION OF TWO DETACHED DWELLINGHOUSES WITH INTEGRAL GARAGING FOLLOWING DEMOLITION OF EXISTING DWELLING	Tier 1	Erection of two detached dwellinghouses with integral garaging (following demolition of existing dwelling)	1.19	4.75	2.48	1.19	9.07	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0925	117	ERECTION OF SWITCHING STATION CONTROL BUILDING INCLUDING CONSTRUCTION OF NEW ACCESS ROAD AND VEHICLE PARKING/TURNING AREA	Tier 1	Energy / Infrastructure: Full planning permission for the erection of a switching station control building housing switchgear and employee facilities; an access road that branches north from the existing access road into Peel Substation; an access gate; and an area of hardstanding for parking of maintenance vehicles when required. The Proposed Development is required in order for the essential operation of a replacement 132kV substation.	0.88	5.78	3.38	0.88	7.86	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0936	118	DEMOLITION OF LEAN TO STORAGE BUILDING AND ERECTION OF REPLACEMENT BUILDING. TO THE RETAINED BARN - NEW REPLACEMENT BARN DOORS, NEW WHITE UPVC WINDOWS TO FIRST FLOOR, REMOVAL OF FIRST FLOOR SIDE BARN DOOR AND ITS REPLACEMENT WITH WHITE UPVC WINDOW (TO GABLE END OF RETAINED BARN).	Tier 1	Replacement of lean-to storage building with new; and changes to window and door openings to the former brick barn building.	1.90	5.06	3.30	1.90	9.20	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0921	119	ERECTION OF A DETACHED DWELLING HOUSE WITH FIRST FLOOR BALCONY TO REAR ELEVATION	Tier 1	Proposed 3 bed detached dwelling and associated works	0.51	13.83	11.27	0.51	0.89	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0927	120	CONSTRUCTION OF BUILDING TO PROVIDE THREE BUSINESS UNITS (CLASS B1, B2 OR B8) WITH NEW ACCESS ROAD AND ASSOCIATED PARKING AND SERVICE YARD	Tier 1	A development of two attached (B1 B2 B8) Business Units with new access road and associated parking and service yard	1.47	5.07	2.75	1.47	8.75	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0780	121	CONSTRUCTION OF FOUR NO. CLASS B2/B8 UNITS	Tier 1	Block of four industrial units with private parking in a secured area, in keeping with the surrounding developments.	1.65	5.05	2.77	1.65	8.86	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0544	122	ERECTION OF 6 BUILDINGS FOR EMPLOYMENT USE IN CLASS E (g) FOLLOWING DEMOLITION OF EXISTING BUILDINGS	Tier 1	Demolition of 8 Timber Frame Agricultural Buildings and their replacement with 4 new build light industrial buildings to provide light industrial use space	0.00	5.94	3.36	0.00	7.67	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0883	123	RECTION OF TEN AFFORDABLE DWELLINGS AND ASSOCIATED WORKS, TO REPLACE FIVE MARKET DWELLINGS PREVIOUSLY APPROVED UNDER APPLICATION REF. 19/0802.	Tier 1	Erection of ten affordable dwellings and associated works, to replace five market dwellings previously approved under application ref. 19/0802.	4.08	9.01	6.74	4.08	6.04	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0642	124	ERECTION OF A TWO STOREY C2 CARE VILLAGE WITH 205 BEDROOMS, COMMUNAL LOUNGE AND DINING AREAS, RESIDENTS LIBRARY, CINEMA ROOM AND SALON. PROVISION OF 58 CAR PARKING SPACES WITH NEW VEHICULAR AND PEDESTRIAN ACCESS. ASSOCIATED LANDSCAPING AND OUTDOOR RECREATIONAL AREAS.	Tier 1	Erection of a two storey C2 Care Village with part use of basement and loft space to sections of the proposal, plus layout of car parking with new vehicular and pedestrian access and associated landscaping.	0.72	4.30	1.82	0.72	9.36	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0690	125	ERECTION OF 21 DWELLINGS WITH ASSOCIATED CAR PARKING, OPEN SPACE AND VEHICULAR ACCESS.	Tier 1	The erection of 25 dwellings with associated car parking, open space and vehicular access from North View Fold	1.96	10.05	7.56	1.96	3.59	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0640	126	ERECTION OF 27 No. 2 BEDROOM APARTMENTS IN TWO X THREE STOREY BLOCKS FOLLOWING DEMOLITION OF EXISTING PUB BUILDING, AND CONVERSION OF EXISTING GROUND FLOOR NURSERY INTO 3 No. APARTMENTS. REVISION TO SITE ACCESS ARRANGEMENTS, PARKING AND LANDSCAPING	Tier 1	Proposal to demolish redundant Public House and erect 27no 2 bedroomed apartments on the Eastern sector of the site. The new residential development will be divided from the existing commercial units via a tree lined landscape strip.	1.89	6.25	4.39	1.89	8.25	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0568	127	ERECTION OF A BUILDING TO BE USED AS A CABLE LANDING STATION FOR A FIBRE OPTIC TELECOMUNICATIONS CABLE AND ERECTION OF 2.4M HIGH GREEN MESH FENCING AND GATES - RESUBMISSION OF APPLICATION 19/0382	Tier 1	The erection of a building to be used as a Cable Landing Station for a submarine fibre optic telecoms cable. (Resubmission of application reference: 19/0382)	0.00	1.99	0.00	0.76	11.68	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0541	128	ERECTION OF 26 AFFORDABLE DWELLINGS WITH NEW ACCESS FROM LYTHAM ROAD	Tier 1	The scheme will provide 13no. affordable houses, and 13no. affordable flats, for affordable rent and shared ownership, along with associated infrastructure.	0.99	12.30	9.78	0.99	1.96	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0100	129	HYBRID PLANNING APPLICATION COMPRISING: (1) FULL APPLICATION FOR REFURBISHMENT OF DALMENY HOTEL FACADE FACING SOUTH PROMENADE; AND (2) OUTLINE APPLICATION (INCLUDING ACCESS, LAYOUT, APPEARANCE AND SCALE) FOR ERECTION OF A BLOCK OF 48 APARTMENTS (USE CLASS C3) WITH ASSOCIATED CAR PARKING FOLLOWING DEMOLITION OF EXISTING BUILDINGS AT NOS. 272-280 CLIFTON DRIVE SOUTH	Tier 1	Full permission for refurbishment of Dalmeny Hotel façade facing South Promenade; Outline planning permission (access, layout, appearance and scale) for erection of a block of 48 apartments (Use Class C3) and associated car parking following demolition of existing buildings at nos. 272-280 Clifton Drive South	1.46	2.56	1.46	1.55	11.54	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0486	130	RESIDENTIAL DEVELOPMENT OF FIVE DWELLINGS WITH ASSOCIATED INFRASTRUCTURE (INCLUDING FOUL WATER TREATMENT PLANTS AND ATTENUATION POND) FOLLOWING DEMOLITION OF EXISTING BUNGALOW AND ALL OTHER BUILDINGS - RESUBMISSION OF APPLICATION 19/0205	Tier 1	Erection of 5 Dwellings subsequent to the demolition of existing bungalow, detached garage and other site buildings	0.50	14.25	11.70	0.50	0.59	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0465	131	ERECTION OF FOUR DWELLINGS WITH DETACHED GARAGES AND ASSOCIATED INFRASTRUCTURE INCLUDING MODIFICATIONS TO EXISTING ACCESS FROM GARSTANG ROAD - RESUBMISSION OF APPLICATION 18/0358	Tier 1	Full planning application for the Erection of 4 dwellings adapted for disability access and carers. The total floor-space of the proposed dwellings including the individual detached garages is 346 square metres	8.45	10.99	9.29	8.45	10.39	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0420	132	ERECTION OF TWO STOREY HOUSE WITH SUB GROUND LEVEL GARAGE,WORKSHOP & STORE AS REPLACEMENT FOR EXISTING BUNGALOW	Tier 1	Erection of two / part three storey dwelling together with associated access off Moss Side Lane	1.43	9.60	7.05	1.43	3.95	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0292	133	ERECTION OF 5 INDUSTRIAL / STORAGE UNITS (CLASS B1/B8) AS EXTENSION TO EXISTING TERRACE OF UNITS	Tier 1	Proposed extension to industrial unit to form 5 units	0.70	7.89	5.31	0.70	5.75	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0318	134	MIXED USE TOURISM & LEISURE DEVELOPMENT INVOLVING A 9-HOLE GOLF COURSE, SITING OF 495 HOLIDAY LODGES, ERECTION OF 4 STOREY HOTEL BUILDING PROVIDING 102 BEDROOMS, ERECTION OF TWO STOREY BUILDING PROVIDING POOL AND LEISURE FACILITIES, GREEN-KEEPER BUILDINGS, AND ASSOCIATED OPEN SPACE / BIODIVERSITY AREA	Tier 1	The change of use of land to the east and west of Windy Harbour Road for the creation of a golf course and the siting of 495 holiday lodges and open space together with operational development. Full permission for the erection of detached green-keeper buildings, leisure building, hotel and operational development, including a biodiversity area.	9.13	12.53	10.72	9.13	9.67	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0343	135	ERECTION OF SIX SELF BUILD DETACHED DWELLINGS	Tier 1	Erection of six self-build homes, landscaping and all other associated works.	1.65	10.46	7.93	1.65	3.12	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0284	136	RESIDENTIAL DEVELOPMENT OF 57 DWELLINGS WITH ASSOCIATED LANDSCAPING AND INFRASTRUCTURE INCLUDING COMPENSATORY FLOOD STORAGE AREA AND ROAD LINK TOWARDS CROPPER ROAD	Tier 1	Residential development of 142no. plots with associated landscaping and infrastructure	1.14	4.56	2.21	1.14	9.17	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0123	137	ERECTION OF 3 NO DETACHED DWELLINGS WITH ASSOCIATED GARAGES, ACCESS, EXTENSION TO PEDESTRIAN FOOTWAY, ERECTION OF DOUBLE GARAGE FOR FARMHOUSE AND REINSTATEMENT OF FORMER FARMYARD AREA TO GRASSLAND	Tier 1	Application for erection of 3no. detached dwellings with new access to 3no. single garages and a double garage for Gorst Farm House and parking to rear. (East of planning approval 16/0576)	6.62	14.51	12.38	6.62	7.15	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0248	138	DEMOLITION OF EXISTING DWELLING AND ERECTION OF A FIVE STOREY BUILDING TO PROVIDE 18 APARTMENTS INCLUDING ASSOCIATED LANDSCAPING AND CAR PARKING	Tier 1	Demolition of dwelling and erection of five storey building to provide 18 no. apartments with landscaping and car parking.	2.51	5.07	3.58	2.51	9.55	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0912	139	DEMOLITION OF EXISTING THREE STOREY BUILDING (NOS. 90-104 KILNHOUSE LANE) AND ERECTION OF A MIXED USE FOUR STOREY BUILDING COMPRISING THREE RETAIL UNITS (USE CLASS A1) WITH A COMBINED GROSS INTERNAL FLOOR AREA OF 721 SQM TO THE GROUND FLOOR AND 33 APARTMENTS (USE CLASS C3) TO THE FIRST, SECOND AND THIRD FLOORS INCLUDING ASSOCIATED CAR PARKING, LANDSCAPING AND ACCESS VIA KILNHOUSE LANE AND BLACKPOOL ROAD NORTH	Tier 1	construction of a new 4 storey building to provide one retail unit at ground floor level (class A1) and 19 no. 1 and 2 bed apartments (Class C3) on first second and third floor, with associated car parking, landscaping and access via Kilnhouse Lane and Blackpool Road North.	0.01	3.15	0.59	0.01	10.44	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0205	140	RESIDENTIAL DEVELOPMENT OF SIX DETACHED DWELLINGS WITH ASSOCIATED INFRASTRUCTURE (INCLUDING FOUL WATER TREATMENT PLANTS) FOLLOWING DEMOLITION OF EXISTING BUNGALOW AND ALL OTHER BUILDINGS	Tier 1	Erection of Six Dwellings subsequent to the demolition of an existing bungalow and detached garage and other site buildings.	0.50	14.25	11.70	0.50	0.59	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0167	141	ERECTION OF 12 NO. COMMERCIAL UNITS (B1/B8 USE), ENLARGEMENT OF HARDSTANDING AREA TO PROVIDE PARKING FOLLOWING DEMOLITION OF EXISTING BUILDING	Tier 1	Erection of 12no. commercial units (B1/B8 use) following demolition of existing building.	0.87	8.56	6.22	0.87	5.65	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0140	142	ERECTION OF 31 NO. AFFORDABLE DWELLINGS TOGETHER WITH ACCESS ROAD	Tier 1	Proposed Development of 32no. Affordable Dwellings.	1.58	4.79	2.53	1.58	9.11	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0033	143	ERECTION OF A DETACHED LIGHT INDUSTRIAL BUILDING TO BE USED AS A LABORATORY FOR THE TESTING OF VEHICLE PARTS (USE CLASS B1(C))	Tier 1	Construction of a new Light Workshop and Testing Area for TISS Ltd.	0.18	2.18	0.18	0.52	11.44	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0489	144	RE-PLAN OF 37 DWELLINGS APPROVED PURSUANT TO PLANNING PERMISSIONS 12/0635 & 15/0700 AND RESERVED MATTERS APPROVAL 15/0308 AND ERECTION OF 17 ADDITIONAL DWELLINGS TO INCREASE THE TOTAL NUMBER ACROSS THE SITE TO 197	Tier 1	Re-plan of 37 dwellings approved by 15/0308, plus an additional 17 dwellings.	2.53	10.87	8.44	2.53	3.04	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0516	145	ERECTION OF 8NO. B1/B2/B8 UNITS	Tier 1	erection of 8no. B1/B2/B8 units.	1.59	5.11	2.81	1.59	8.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0469	146	PROPOSED DEVELOPMENT OF TWO DETACHED BUILDINGS TO PROVIDE SIX INDUSTRIAL UNITS AND CAR PARKING (USE CLASSES B1, B2 AND B8)	Tier 1	Proposed Development of Six Detached Buildings and Car Parking (Use classes B1, B2 and B8)	1.95	5.73	3.45	1.95	8.30	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0211	147	ERECTION OF THREE TIMBER HOLIDAY LODGES WITH ASSOCIATED VEHICLE PARKING AND TURNING AREAS, BIN STORE AND LANDSCAPING, INCLUDING UPGRADING OF VEHICLE ACCESS OFF MEDLAR LANE	Tier 1	Change of use of part of existing field for siting 3 No. timber holiday lodges including associated car parking area, upgraded entrance point and additional tree and hedge planting	4.05	12.72	10.43	4.05	4.60	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0467	148	ERECTION OF TWO STOREY MODULAR OFFICE (CLASS B1) BUILDING NEAR 439 BUILDING	Tier 1	Erection of a new, two-storey modular building	1.48	11.83	9.38	1.48	2.75	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0392	149	CONSTRUCTION OF 40.590m NEW HIGH FREQUENCY TRANSMITTER MAST AND ANCILLARY EQUIPMENT	Tier 1	This planning application is for the construction of a new high frequency transmitter (mast) forming part of the Defence High Frequency Communications Service located within the established operational asset at RNAS In skip. The new tower will enable transformational improvements in Defence Infrastructure. Prior to 2003, the site was operated by the Royal Navy and currently hosts four 600 feet high aerials and several co-located groups of smaller aerials.	5.48	16.03	13.75	5.48	5.93	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0300	150	CHANGE OF USE OF AGRICULTURAL LAND TO ALLOW EXTERNAL STORAGE OF UP TO 108 CARAVANS INCLUDING CREATION OF ASSOCIATED HARDSTANDING SURFACE AND FORMATION OF 2M HIGH EARTH BUND TO SOUTHERN AND WESTERN BOUNDARIES - RETROSPECTIVE APPLICATION	Tier 1	Change of use of agricultural land to storage of caravans, on open area.	6.76	10.47	8.50	6.76	8.07	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0153	151	DETACHED TWO STOREY DWELLING WITH INTEGRAL GARAGE.	Tier 1	Construction of a detached, two storey, four bedroom dwelling with integral garage.	0.28	13.45	10.94	0.28	0.81	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0179	152	RESUBMISSION OF APPLICATION 17/0557 FOR EXPANSION OF LIVERY AND HORSE BREEDING FACILITY INCLUDING CONSTRUCTION OF OUTDOOR MANEGE, CONVERSION OF EXISTING STABLES/INDOOR MANEGE TO STABLES AND TACK BARN, CONVERSION OF EXISTING BARN TO EQUESTRIAN SALES, ARTIFICIAL INSEMINATION AREA AND STORE, ERECTION OF EQUIPMENT STORE, INSTALLATION OF HORSE WALKER, INSTALLATION OF NEW TURNOUT PADDOCK, INSTALLATION OF COLUMNS FOR LIGHTING AND CCTV, RECONFIGURATION AND EXTENSION OF PARKING AREA, DEMOLITION OF SINGLE STOREY BUILDING ADJACENT TO THE ACCESS, NEW WALL AND GATE AT ACCESS POINT, BOUNDARY TREATMENTS AND NEW GATED ACCESS BETWEEN EQUESTRIAN FACILITY FARM BUILDINGS - (PART RETROSPECTIVE).	Tier 1	Construction of outdoor manège, installation of horse exerciser, conversion of existing stables/indoor manège to stables and tack barn, conversion of existing barn to equestrian sales, artificial insemination area and store, erection of equipment store, installation of new turnout paddock, installation of columns for lighting and CCTV, reconfiguration and extension of parking area, demolition of single storey building adjacent to the access, new wall and gate at access point, boundary treatments and new gated access between equestrian facility farm buildings	3.48	17.74	15.34	3.48	4.71	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0061	153	ERECTION OF ONE DETACHED TWO STOREY DWELLING HOUSE FOR RURAL WORKER IN ASSOCIATION WITH EXISTING EQUESTRIAN BUSINESS	Tier 1	Proposed detached residential property for the use of the business owner.	3.47	7.21	5.09	3.47	7.92	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0068	154	ERECTION OF AGRICULTURAL BUILDING TO HOUSE CATTLE.	Tier 1	New agricultural building on existing farmland, to house cattle. There would be a ridge heigh of 7m.	6.76	10.47	8.50	6.76	8.07	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0050	155	ERECTION OF TWO STOREY DETACHED DWELLING AND DOUBLE GARAGE IN REAR GARDEN TO EXISTING DWELLING	Tier 1	PROPOSED DETACHED DWELLING TO REAR GARDEN	0.97	9.96	7.39	0.97	3.59	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0043	156	ERECTION OF 11 RESIDENTIAL DWELLINGS WITH ASSOCIATED ACCESS, PARKING, GARDENS, LANDSCAPING AND FENCING.	Tier 1	11no residential dwellings together with associated access, parking, garages, gardens, landscaping and means of enclosure.	0.26	13.02	10.44	0.26	0.59	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0012	157	ERECTION OF THREE NO STABLE BLOCK WITH TACK ROOM AND MENAGE	Tier 1	Erection of three stable block and tack room, and menage	8.85	11.94	10.16	8.85	9.81	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1064	158	ERECTION OF DETACHED TWO STOREY DWELLINGHOUSE FOR USE AS A RURAL WORKERS DWELLING INCLUDING FORMATION OF ACCESS TRACK FROM MOSS LANE AND EXTERNAL PARKING AREA.	Tier 1	Full planning application for the erection of a farm workers dwelling. There would be a ridge height of 6.496m	2.66	15.48	13.09	2.66	3.06	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1038	159	ERECTION OF 9 AFFORDABLE DWELLINGS FOLLOWING DEMOLITION OF EXISTING BUILDING.	Tier 1	Erection of 9 affordable dwellings following demolition of existing building.	1.52	12.08	9.64	1.52	1.99	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1006	160	ERECTION OF ONE THREE STOREY BUILDING (NO.6 UNITS) AND ONE TWO STOREY BUILDING (NO.4 UNITS) PROVIDING A TOTAL OF 10 FLATS, WITH ACCESS FROM BACK GLEN ELDON STREET AND ST ANNES ROAD EAST WITH PARKING AND LANDSCAPING	Tier 1	Residential development to provide 10 one-bedroom apartments and 1 two bedroom apartment, plus new site access, car parking and landscaping. The ridge height would be up to 20.735m.	1.04	2.51	1.06	1.04	11.36	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0968	161	ERECTION OF 3 DETACHED RESIDENTIAL DWELLINGS	Tier 1	erection of 3 detached dwellings	1.27	13.63	11.13	1.27	1.66	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1013	162	ERECTION OF AN AGRICULTURAL STORAGE BUILDING	Tier 1	Erection of a straw shed. Footprint of 24.4m x 50.3m, with a height of 9.2m.	5.56	10.10	7.95	5.56	6.47	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1012	163	ERECTION OF REPLACEMENT AGRICULTURAL STORAGE BUILDING.	Tier 1	Erection of a replace general purpose agricultural storage building. The building would have a footprint of 24.4m x 55m, with a height of 10.6m.	5.56	10.10	7.95	5.56	6.47	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0997	164	ERECTION OF SIX x TWO STOREY DWELLINGS IN TWO TERRACES WITH ASSOCIATED CAR PARKING.	Tier 1	Erection of six new two storey terraced dwellings within two blocks and associated car parking.	1.22	8.14	5.95	1.22	6.29	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0845	165	APPLICATION UNDER S106A OF THE TOWN AND COUNTRY PLANNING ACT TO MODIFY AN EXTANT PLANNING OBLIGATION RELATING TO PLANNING PERMISSIONS 08/0058, 17/0861, 17/0862, 18/0544 AND 18/0546	Tier 1	APPLICATION FOR RESIDENTIAL DEVELOPMENT COMPRISING OF 66 NO. DETACHED DWELLINGS AND GARAGES.	0.07	3.69	1.11	0.07	9.89	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0857	166	ERECTION OF 2 NO DETACHED TWO STOREY DWELLINGS AND GARAGES FOLLOWING DEMOLITION OF EXISTING DWELLING	Tier 1	Demolition of existing dwelling and construction of 2 new detached two storey dwellings and garages	0.37	3.90	1.47	0.37	9.78	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0879	167	ERECTION OF TWO STOREY DETACHED DWELLING FOR RURAL WORKER ASSOCIATED WITH KENNELS. EXISTING RESIDENTIAL ACCOMMODATION TO BE PART DEMOLISHED WITH THE RETAINED BUILDING USED FOR DOG GROOMING BUSINESS.	Tier 1	Planning Application for an essential workers dwelling to replace existing residential accommodation and retention of part of existing building for dog grooming	2.26	6.73	4.44	2.26	7.49	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0822	168	FORMATION OF GAS POWERED GRID SUPPORT PLANT AND BATTERY STORAGE FACILITY (GENERATING CAPACITY OF UP TO 20MW) WITH 18 ENGINES AND ASSOCIATED BATTERIES, TRANSFORMERS AND STORE WITHIN A COMPOUND FORMED BY A 4M HIGH TIMBER ACCOUSTIC BARRIER AND A 2.4M HIGH GREEN MESH FENCE	Tier 1	Gas powered grid support plant and a battery storage facility with a generating capacity of up to 20MW and all associated ancillary works.	0.87	5.93	3.53	0.87	7.71	Refused	Yes	Yes	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0816	169	ERECTION OF 7NO. COMMERCIAL UNITS (B1/B8 USE) AND ENLARGEMENT OF HARDSTANDING AREA FOLLOWING DEMOLITION OF EXISTING BUILDING	Tier 1	Erection of 7no. commercial units (B1/B8 use) and enlargement of hardstanding area following demolition of existing building	0.89	8.52	6.20	0.89	5.71	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0818	170	ERECTION OF AGRICULTURAL BUILDING FOR USE AS GRAIN STORE WITH ASSOCIATED ACCESS TRACK AND RETROSPECTIVE APPLICATION FOR ALTERATIONS OF GROUND LEVELS TO PROVIDE LEVEL AREA FOR BUILDING	Tier 1	Erection of an agricultural for the storage of grain. The building would have a footprint of 42m x 36m, and a height of 11.85m.	3.76	10.77	8.42	3.76	4.25	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0807	171	ERECTION OF TWO STOREY DWELLING WITH BALCONIES TO REAR AND DETACHED DOUBLE GARAGE TO SIDE	Tier 1	One proposed dwelling	8.91	10.93	9.34	8.91	11.28	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0765	172	ERECTION OF TWO DETACHED DWELLINGS WITH GARAGES (SHOWN AS PLOT 4 AND 5 ON ILLUSTRATIVE LAYOUT APPROVED UNDER OUTLINE PLANNING PERMISSION 13/0526)	Tier 1	The application proposes the construction of detached dwellings with garages. The proposed houses will have two and a half storeys and five bedrooms. The development will be accessed directly from Lytham Road and will have ample parking facilities in the form of garages and driveways. The design of the dwellings are in keeping with the surrounding area, which is made up of individually styled houses, being built of a facing brick with some stone features and concrete tile roof and with architectural design features common with good quality housing schemes.	1.05	12.02	9.52	1.05	2.29	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0738	173	DEVELOPMENT OF SPECIALIST ACCOMMODATION FOR THE ELDERLY CONSISTING OF 65 APARTMENTS WITH CARE, COMMUNAL FACILITIES, PARKING AND ASSOCIATED PRIVATE AMENITY SPACE	Tier 1	Development of Specialist Accommodation for the Elderly consisting of apartments with care, communal facilities, parking and associated private amenity space	1.77	7.69	5.67	1.77	7.00	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0683	174	ERECTION OF DETACHED DWELLING WITH 1.8m HIGH WALL AND GATES TO FRONT	Tier 1	Full planning application for detached dwelling with car parking	8.45	11.19	9.46	8.45	10.13	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0684	175	ERECTION OF FOUR DETACHED DWELLINGS AND GARAGES FOLLOWING DEMOLITION OF EXISTING TWO DWELLINGS	Tier 1	Erection of four detached dwellings and garaging following demolition of existing two dwellings	2.35	10.93	8.48	2.35	2.90	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0665	176	ERECTION OF 10.NO AFFORDABLE RESIDENTIAL DWELLINGS FOLLOWING DEMOLITION OF EXISTING CHURCH ROAD COMMUNITY CENTRE	Tier 1	Demolition of the existing Church Road Community Centre to provide 10.no affordable residential units.	0.74	3.16	1.22	0.74	10.61	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0567	177	CONSTRUCTION OF A 4 STOREY BUILDING TO PROVIDE ONE RETAIL UNIT AT GROUND FLOOR LEVEL (CLASS A1) AND 19 NO. 1 AND 2 BED APARTMENTS (CLASS C3) ON FIRST SECOND AND THIRD FLOOR, WITH ASSOCIATED CAR PARKING, LANDSCAPING AND ACCESS VIA KILNHOUSE LANE AND BLACKPOOL ROAD NORTH.	Tier 1	Mixed use development: Construction of a new 4 storey building to provide one retail unit at ground floor level (class A1) and 19 no. 1 and 2 bed apartments (Class C3) on first second and third floor, with associated car parking, landscaping and access via Kilnhouse Lane and Blackpool Road North.	0.01	3.15	0.59	0.01	10.44	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0580	178	NEW 4 BED DETACHED DWELLING INCLUDING FRONT GATE POSTS AND NEW REAR BOUNDARY	Tier 1	NEW 4 BED DETACHED DWELLING INCLUDING FRONT GATE POSTS AND NEW REAR BOUNDARY. The building would have a height of up to 9.7m	1.91	7.33	5.35	1.91	7.33	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0535	179	PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING WITH 4 NO.UNITS WITH USE OF CLASS B1 AND B8.	Tier 1	New industrial unit. The design of the proposed unit will be in keeping with the existing industrial units on the site with a steel portal frame with trapezoidal cladding to the roof and walls, the colour will be to match the existing units.	0.70	7.89	5.31	0.70	5.75	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0561	180	ERECTION OF DETACHED TWO STOREY DWELLING HOUSE WITH INTEGRAL DOUBLE GARAGE.	Tier 1	Erection of a detached two storey dwelling house with integral double garage.	9.13	15.46	13.51	9.13	9.67	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0168	181	VARIATION OF CONDITION 2 OF PLANNING PERMISSION 16/0645 TO VARY THE APPROVED PLANS TO ALLOW FOR SUBSTITUTION OF APPROVED HOUSE TYPES ACROSS THE SITE	Tier 1	Demolition of an existing agricultural outbuilding and erection of 50 dwellings set in attractive landscaping with associated car parking; an adoptable pumping station; a sub-station and new access from Beech Road Previous applications: - 16/0645: ERECTION OF 50 DWELLINGS TO BE ACCESSED FROM BEECH ROAD WITH ASSOCIATED LANDSCAPING, PARKING, PUMPING STATION AND ELECTRICITY SUB-STATION FOLLOWING DEMOLITION OF EXISTING AGRICULTURAL BUILDING - 17/0536: ERECTION OF 50 DWELLINGS TO BE ACCESSED FROM BEECH ROAD WITH ASSOCIATED LANDSCAPING, PARKING, PUMPING STATION AND ELECTRICITY SUB-STATION FOLLOWING DEMOLITION OF EXISTING AGRICULTURAL BUILDING (Re-submission)	6.97	13.94	11.85	6.97	7.51	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0435	182	RESUBMISSION OF APPLICATION 16/0413 FOR ERECTION OF 12 DWELLINGS WITH ASSOCIATED ACCESS FROM MYTHOP ROAD	Tier 1	Demolition of the existing garden centre and associated buildings, and its replacement with a new residential development consisting of 12 houses with garages.	1.39	7.63	5.50	1.39	6.81	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0615	183	OUTLINE APPLICATION FOR THE ERECTION OF 2 NO. DWELLINGS (ACCESS, LAYOUT, AND LANDSCAPING APPLIED FOR ONLY), INCLUDING DEMOLITION OF EXISTING BUILDINGS ON THE SITE.	Tier 1	The development includes one single storey 2 bedroom bungalow and one 3 bedroom 2 storey detached dwelling. The proposed development would comprise of the removal of the agricultural building and concrete hard-standings, clearance of dense vegetation comprising of small shrubs and trees not worthy of retention	0.61	8.40	5.82	0.61	5.20	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0784	184	OUTLINE APPLICATION FOR THE ERECTION OF 1 NO. TWO STOREY DWELLINGHOUSE TO REAR WITH ACCESS, LAYOUT, APPEARANCE AND SCALE APPLIED FOR	Tier 1	Outline application for the erection of one dwellinghouse to the rear.	0.43	3.21	0.99	0.43	10.48	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0346	185	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING PUBLIC HOUSE AND ERECTION OF FOUR DWELLINGS COMPRISING TWO HOUSES AND TWO APARTMENTS (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Residential development, two 3 bedroom houses and two 2 bedroom apartments. Apartments and Houses - Up to 8m ridge height.	0.47	2.53	0.60	0.47	11.18	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0667	186	OUTLINE APPLICATION WITH LAYOUT, ACCESS AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED FOR ERECTION OF ONE DWELLING WITHIN REAR GARDEN	Tier 1	erection of proposed dwelling on land at 44 Albany Road	1.67	4.94	3.05	1.67	9.17	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0382	187	OUTLINE APPLICATION FOR ERECTION OF ONE DWELLING IN SIDE GARDEN OF NO. 235 STAINING ROAD INCLUDING MODIFICATION OF EXISTING ACCESS TO NO. 235 AND FORMATION OF ADDITIONAL ACCESS FOR NEW DWELLING ONTO STAINING ROAD AND CONSTRUCTION OF GARAGES FOR EXISTING AND PROPOSED DWELLINGS (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Erection of a new dwelling on land at 235 Staining Road, with associated parking and garage, and new garage erected for existing dwelling.	5.03	6.88	5.16	5.03	10.03	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0142	188	OUTLINE APPLICATION FOR ERECTION OF TWO DWELLINGS (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Construction of a pair of 3-bedroomed semi-detached houses.	0.18	3.25	0.68	0.18	10.30	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1110	189	OUTLINE APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 30 DWELLINGS (USE CLASS C3) FOLLOWING DEMOLITION OF EXISTING STRUCTURES, REMOVAL OF EXISTING HARD SURFACES AND REMOVAL OF ALL OTHER BUILDINGS, TOGETHER WITH ASSOCIATED INFRASTRUCTURE FOR ROADS AND FOOTWAYS AND THE CONSTRUCTION OF NATURAL HABITAT AREAS AND FORMAL PLAY SPACE (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	This Outline Application seeks permission for residential development with all Matters to be Reserved except for Access.	1.27	9.94	7.57	1.27	4.45	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0036	190	OUTLINE APPLICATION WITH ALL MATTERS RESERVED FOR THE ERECTION OF ONE DWELLING - RESUBMISSION OF APPLICATION 20/0735	Tier 1	Erection of a single dwelling	8.81	11.03	9.39	8.81	10.99	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0484	191	PLANNING APPLICATION FOR APPROVAL OF RESERVED MATTERS (APPEARANCE, LANDSCAPE, LAYOUT AND SCALE) PURSUANT TO OUTLINE PLANNING PERMISSION 21/0755 (SINGLE DWELLING).	Tier 1	APPLICATION FOR THE ERECTION OF 1 NO. DETACHED DWELLING AND GARAGE	1.42	5.25	2.90	1.42	8.52	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0811	192	OUTLINE APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 52 DWELLINGS INCLUDING ASSOCIATED INFRASTRUCTURE FOLLOWING DEMOLITION AND REMOVAL OF EXISTING DWELLING, STABLES AND PADDOCKS (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Residential development on land at Roseacre, Wildings Lane, Lytham St Anne's, with access from Wildings Lane for approval and all other matters reserved.	0.71	4.24	1.81	0.71	9.46	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0435	193	OUTLINE APPLICATION FOR THE ERECTION OF ONE AGRICULTURAL WORKERS DWELLING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH APPEARANCE AND LANDSCAPING RESERVED)	Tier 1	Erection of an agricultural workers dwelling. The dwelling will be a modest detached house offering accommodation over two stories and briefly comprising kitchen/diner, lounge, downstairs shower/washing facilities, 3/4 bedrooms (master bedroom en-suite) and family bathroom. The dwelling will incorporate a modest garden and car parking area.	1.22	7.21	5.00	1.22	6.99	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0424	194	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING SYNAGOGUE AND ERECTION OF REPLACEMENT SINGLE STOREY SYNAGOGUE, THREE STOREY BLOCK OF 9 APARTMENTS AND CAR PARK (ACCESS, LAYOUT, APPEARANCE AND SCALE APPLIED FOR, ALL OTHER MATTERS RESERVED)	Tier 1	Construction of two new buildings. The smaller to accommodate the new Synagogue facilities and the larger to be a residential development of ten, two and three bedroom apartments. Access to be retained from Orchard Road with new car parking layout for visitors and residents along with store to the rear of the site.	1.46	2.61	1.47	1.46	11.45	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0594	195	OUTLINE APPLICATION FOR ERECTION OF ONE DWELLING FOR A RURAL WORKER (ACCESS APPLIED FOR ALL OTHER MATTERS RESERVED)	Tier 1	Outline application for 1no agricultural worker dwelling, with access applied for through existing farm complex.	4.22	11.90	9.62	4.22	4.76	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0453	196	OUTLINE APPLICATION FOR THE ERECTION OF 1NO. DETACHED DWELLING & DETACHED GARAGE (ACCESS, SCALE & LAYOUT APPLIED FOR WITH OTHER MATTERS RESERVED)	Tier 1	Construction of 2no Detached Dwellings with a ridge height of up to 8.4m.	1.12	9.97	7.41	1.12	3.58	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0835	197	OUTLINE APPLICATION FOR THE ERECTION OF 3 RESIDENTIAL DWELLINGS, AND A DETACHED GARAGE FOR EXISTING DWELLING (ACCESS AND LAYOUT APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline application for the demolition of outbuildings and erection of 7 residential units, comprising of 1 detached and 6 semi-detached dwellings, with access and site layout applied for and all other matters reserved.	2.56	10.67	8.25	2.56	3.22	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0735	198	OUTLINE APPLICATION WITH ALL MATTERS RESERVED FOR THE ERECTION OF ONE DWELLING	Tier 1	Erection of a single dwelling	8.81	11.03	9.39	8.81	10.99	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0846	199	OUTLINE APPLICATION WITH ALL MATTERS RESERVED FOR A RESIDENTIAL DEVELOPMENT OF UP TO 4 DWELLINGS	Tier 1	Outline planning permission is sought for the erection of up to 4no. dwellings. All matters are reserved for future approval namely: access, layout, scale, appearance and landscaping.	7.34	10.76	8.87	7.34	8.69	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0688	200	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING DWELLING AND ERECTION OF A BLOCK OF 9 APARTMENTS (ACCESS, LANDSCAPING, LAYOUT AND SCALE APPLIED FOR WITH APPEARANCE RESERVED)	Tier 1	Proposal includes the demolition of the existing single dwelling. Erection of a new building containing 9 apartments.	0.11	3.30	0.72	0.11	10.26	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0478	201	OUTLINE APPLICATION FOR THE ERECTION OF ONE DETACHED DWELLING (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Erection of a single dwelling	7.02	14.38	12.28	7.02	7.56	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0113	202	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING DWELLING AND ERECTION OF TWO STOREY BLOCK OF FOUR APARTMENTS (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR WITH LANDSCAPING RESERVED) - RESUBMISSION OF APPLICATION 18/0861	Tier 1	Resubmission of application 18/0861 - Outline application for demolition of existing dwelling and erection of block of four apartments (Access, Appearance, Layout and Scale)	0.74	3.28	1.28	0.74	10.48	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	d	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0994	203	OUTLINE APPLICATION FOR THE ERECTION OF UP TO TWO DWELLINGS FOR USE AS HOLIDAY COTTAGES (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Erection of two dwellings for holiday purposes. It is envisaged that the dwellings would be 1.5 to 1.75 storeys in height and the design would be traditional in character and proportions. The dwellings would have a ridge height of 8m.	4.91	11.57	9.34	4.91	5.45	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0887	204	RESUBMISSION OF APPLICATION 19/0887 FOR DORMER EXTENSION TO FRONT AND REAR	Tier 1	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING BUILDINGS AND A RESIDENTIAL DEVELOPMENT OF UP TO 51 DWELLINGS WITH ASSOCIATED INFRASTRUCTURE	1.74	12.27	9.87	1.74	2.26	Pending	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0990	205	OUTLINE APPLICATION FOR ERECTION OF 4 X 2 STOREY DWELLINGS IN TWO PAIRS OF SEMI-DETACHED DWELLINGS (LAYOUT AND SCALE APPLIED FOR WITH OTHER MATTERS RESERVED) FOLLOWING DEMOLITION OF EXISTING CARPET SHOP BUILDING	Tier 1	Erection of up to 4 dwellings following demolition of existing shop	0.56	12.89	10.39	0.56	1.06	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0094	206	OUTLINE APPLICATION FOR THE ERECTION OF FOUR DWELLINGS (ACCESS, SCALE, APPEARANCE AND LAYOUT APPLIED FOR WITH ALL OTHER MATTERS RESERVED) FOLLOWING REMOVAL OF EXISTING BUILDINGS	Tier 1	Erection of 4 dwellings.	1.96	7.43	5.48	1.96	7.29	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0807	207	OUTLINE APPLICATION (ALL MATTERS RESERVED) FOR THE ERECTION OF ONE DWELLINGHOUSE	Tier 1	Erection of one dwelling house. This is a reapplication of Planning Ref 16/0087	1.24	13.95	11.52	1.24	1.71	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0687	208	OUTLINE APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 25 DWELLINGS INCLUDING ASSOCIATED INFRASTRUCTURE (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED) - RESUBMISSION OF APPLICATION 18/0036	Tier 1	This planning application seeks consent for up to 30 dwellings. The development could include potentially 10 different house types ranging from 2 bedroom properties to 4 bedroom family homes, some of which are likely to include either integral or detached garages.	0.35	16.37	13.79	0.35	2.52	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0426	209	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING DWELLING AND ERECTION OF FOUR DWELLINGS (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Proposed development would be four dwellings	0.46	10.86	8.33	0.46	3.10	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0533	210	OUTLINE APPLICATION FOR THE ERECTION OF 6 NO. DWELLINGS (ACCESS APPLIED FOR ALL OTHER MATTERS RESERVED)	Tier 1	Outline planning application proposing the erection of up to six self-build homes with all matters reserved except for access	3.50	11.89	9.56	3.50	4.04	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0481	211	OUTLINE APPLICATION FOR THE ERECTION OF TWO DWELLINGS (ACCESS APPLIED FOR ALL OTHER MATTERS RESERVED) FOLLOWING DEMOLITION OF EXISTING COMMERCIAL BUILDINGS	Tier 1	Outline application for two dwellings (access applied for - as existing) following demolition of existing commercial buildings	1.91	5.03	3.28	1.91	9.23	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0402	212	OUTLINE APPLICATION FOR THE ERECTION OF 2 NO. DETACHED DWELLINGS (ACCESS, LAYOUT AND SCALE APPLIED ALL OTHER MATTERS RESERVED)	Tier 1	Proposed erection of two dwellings. The proposed dwellings are to be two storeys high to the eaves and are to have ridge heights which correspond with the existing neighbouring dwellings (7.5m)	7.35	14.31	12.24	7.35	7.90	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0645	213	APPLICATION FOR APPROVAL OF RESERVED MATTERS OF APPEARANCE AND LANDSCAPING PURSUANT TO OUTLINE PLANNING PERMISSION 19/0300 FOR A RESIDENTIAL DEVELOPMENT OF FOUR DWELLINGS	Tier 1	Residential development of four properties. The scale of the proposed housing units are in-keeping with two storey surrounding houses.	5.54	15.26	13.28	5.54	6.10	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0279	214	OUTLINE APPLICATION WITH ALL MATTERS RESERVED FOR THE ERECTION OF AN AGRICULTURAL WORKERS DWELLING TO SERVE THE EXISTING POULTRY FARM	Tier 1	Outline application for the erection of an agricultural workers dwelling to serve the existing poultry farm	2.97	11.20	8.82	2.97	3.46	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0006	215	OUTLINE APPLICATION WITH ALL MATTERS RESERVED FOR THE ERECTION OF CLASS A1 RETAIL FOODSTORE	Tier 1	Outline planning application for the erection of a Class A1 Retail Foodstore comprising 1,022 sq. m at ground floor and 465 sq. m at mezzanine level. The existing car park will be reconfigured to provide a total of 92 car parking spaces to the front and side of the building. New landscaping and planting will be placed around the perimeter of the Site.	1.04	8.56	6.28	1.04	5.74	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0861	216	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING DWELLING AND ERECTION OF BLOCK OF FIVE APARTMENTS (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR WITH LANDSCAPING RESERVED)	Tier 1	Demolition of existing dwelling and erection of 5 apartments	0.74	3.28	1.28	0.74	10.48	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0919	217	OUTLINE APPLICATION FOR THE ERECTION OF 2 NO TWO STOREY DWELLINGS. (ALL OTHER MATTERS RESERVED) TO REAR OF EXISTING DWELLING	Tier 1	Development of two, two storey properties to the rear of the addressed site.	1.10	10.97	8.52	1.10	3.40	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0864	218	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING BUILDINGS (WILLOW FARM AND WILLOW COTTAGE) AND ERECTION OF THREE DETACHED DWELLINGS (ACCESS, LAYOUT AND SCALE APPLIED FOR ALL OTHER MATTERS RESERVED)	Tier 1	Erection of three dwellings following demolition of Willow Cottage and Willow Farm The buildings will be two-storeys and up to 8m in height.	3.46	11.71	9.37	3.46	4.00	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1116	219	APPLICATION TO DISCHARGE CONDITIONS 5 (MATERIALS) AND 6 (SCHEME FOR FOUL AND SURFACE WATER DISPOSAL) OF PLANNING PERMISSION 18/0840	Tier 1	Erection of a permanent rural worker's dwelling 21/1116 - Application to discharge conditions 21/0518 - Non material amendment 20/0589 - Application for approval of reserved matters 20/0590 - Non-material amendment 18/0840 - Outline application	1.12	14.81	12.30	1.12	1.38	Under construction	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0633	220	OUTLINE APPLICATION FOR UP TO 10 DWELLINGS WITH ACCESS OFF CROPPER ROAD (ALL OTHER MATTERS RESERVED)	Tier 1	Outline Application for up to 10 dwellings with an access off Cropper road	1.74	4.75	2.54	1.74	9.23	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0541	221	OUTLINE APPLICATION FOR ERECTION OF ONE DETACHED DWELLING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	The proposal involves the erection of a 1½ storey dwelling in the side garden of the existing dwelling at 37 Mains Lane.	8.60	11.11	9.42	8.60	10.52	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0700	222	OUTLINE APPLICATION FOR THREE DETACHED DWELLINGS & GARAGES, ACCESS, SCALE & LAYOUT APPLIED FOR ALL OTHER MATTERS RESERVED	Tier 1	Application for outline planning permission for the erection of 3no detached dwellings and garages with access applied for.	6.57	14.53	12.40	6.57	7.10	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0476	223	OUTLINE APPLICATION FOR ERECTION OF A TWO STOREY BUILDING PROVIDING TWO APARTMENTS (USE CLASS C3) WITH ASSOCIATED PARKING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline application for the erection of two dwellings. The scale of the buildings will not exceed two storeys and is in keeping with those properties which exist in Sydney Street.	1.03	2.79	1.21	1.03	11.09	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0461	224	OUTLINE APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 6 DWELLINGS (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline consent for the erection of up to 9 dwellings, with access from Beech Road	6.98	14.01	11.92	6.98	7.53	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters									
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0451	225	OUTLINE APPLICATION FOR RESIDENTIAL DEVELOPMENT: ERECTION OF A DETACHED DWELLING INCLUDING PARTIAL DEMOLITION OF EXISTING STABLE BLOCK AND PARTIAL RETENTION FOR ANCILLARY DOMESTIC USE IN ASSOCIATION WITH PROPOSED DWELLING(ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline application for residential development of a detached dwelling, following partial demolition of existing stable block.	0.40	8.74	6.16	0.40	4.87	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0145	226	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING BUILDINGS AND ERECTION OF UP TO 20 DWELLINGS AND A CLASS A1/B1 UNIT (ACCESS APPLIED ALL OTHER MATTERS RESERVED)	Tier 1	Proposed demolition of existing buildings and erection of up to 20 dwellings and a class B1/A1 unit (465sqm) with associated car parking and landscaping and access.	3.70	7.17	5.10	3.70	8.18	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0232	227	OUTLINE APPLICATION FOR THE ERECTION OF AN OFFICE BLOCK WITH STORAGE ACCOMMODATION INCLUDING FORMATION OF ADDITIONAL PARKING AREAS (ACCESS AND LAYOUT APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Completion and re-use of developed land at the rear of existing office block with new office, storage accommodation and expanded car park	0.06	4.88	2.31	0.06	8.67	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0088	228	OUTLINE APPLICATION FOR RESIDENTIAL DEVELOPMENT OF UP TO FIVE DWELLINGS (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline application for 5 dwellings all matters reserved except for access off Mains Lane	8.84	11.43	9.73	8.84	10.54	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0215	229	APPLICATION FOR APPROVAL OF THE RESERVED MATTER OF APPEARANCE PURSUANT TO OUTLINE PLANNING PERMISSION 18/0215 FOR DEMOLITION OF EXISTING FARM BUILDINGS AND ERECTION OF 20 TIMBER HOLIDAY LODGES, FORMATION OF LEISURE LAKE AND CREATION OF ADDITIONAL CAR PARKING SPACES	Tier 1	DEMOLITION OF EXISTING FARM BUILDINGS AND ERECTION OF 20 TIMBER HOLIDAY LODGES, FORMATION OF LEISURE LAKE AND CREATION OF ADDITIONAL CAR PARKING SPACES	1.21	11.51	8.96	1.21	2.04	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0036	230	OUTLINE APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 69 DWELLINGS WITH ASSOCIATED OPEN SPACE AND INFRASTRUCTURE (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Outline planning application for the development of up to 100 no. dwellings with all matters reserved except for access	0.45	16.48	13.90	0.45	2.64	Refused	Yes	Yes	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1005	231	RESUBMISSION OF APPLICATION 16/0937 FOR OUTLINE APPLICATION FOR ERECTION OF 1 DETACHED DWELLING WITH ACCESS APPLIED FOR AND OTHER MATTERS RESERVED	Tier 1	Outline application for the erection of 1no. detached dwelling with access applied for.	7.32	14.25	12.19	7.32	7.87	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0991	232	RESUBMISSION OF APPLICATION 16/0969 FOR OUTLINE APPLICATION FOR THE ERECTION OF 14 DWELLINGS TOGETHER WITH THE PROVISION OF A CAR PARK AND PLAYING FIELD FOR SCHOOL, AND LAND FOR CHURCH (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	The development on this sustainable site will provide a range of market and affordable housing. The proposed works involve the erection of up to 14 homes, public open space, car park and associated infrastructure on Land off Church Road, Weeton, Preston, PR4 3WD.	3.93	9.00	6.71	3.93	5.83	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0735	233	OUTLINE APPLICATION FOR ERECTION OF AN AGRICULTURAL WORKERS DWELLING (ALL MATTERS RESERVED)	Tier 1	An agricultural worker's dwelling	0.67	11.56	8.98	0.67	2.02	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0779	234	OUTLINE APPLICATION FOR THE RESIDENTIAL DEVELOPMENT OF UPTO 350 DWELLINGS TOGETHER WITH ASSOCIATED WORKS AND INFRASTRUCTURE FOLLOWING DEMOLITION OF EXISTING BUILDINGS AND STRUCTURES (ACCESS FROM CROPPER ROAD AND SCHOOL ROAD A DETAILED MATTER AND ALL OTHER MATTERS RESERVED)	Tier 1	Proposed demolition of existing buildings and structures and residential development of 15.65ha of land together with associated works as part of a wider Masterplan for the Cropper Road West Local Plan Allocation (ref: HSS5)	1.51	4.72	2.45	1.51	9.15	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0876	235	APPLICATION FOR APPROVAL OF THE RESERVED MATTERS OF APPEARANCE, LANDSCAPING, LAYOUT AND SCALE PURSUANT TO OUTLINE PLANNING PERMISSION 16/0180 FOR A RESIDENTIAL DEVELOPMENT OF 50 DWELLINGS WITH ASSOCIATED INFRASTRUCTURE	Tier 1	Residential development of up to 50 dwellings and associated infrastructure (access applied for with all other matters reserved) at Land North of Mill Lane Outline Application - 16/0180	6.88	14.39	12.29	6.88	7.42	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0501	236	RESERVED MATTERS APPLICATION PURSUANT TO OUTLINE PLANNING PERMISSION 16/0050 SEEKING DETAILED PERMISSION FOR APPEARANCE AND LANDSCAPING OF THE DEVELOPMENT INVOLVING 1 DWELLING	Tier 1	Proposed four bedroom, 2 storey detached house.	1.84	11.56	9.07	1.84	2.19	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0324	237	APPLICATION TO DISCHARGE DETAILS ASSOCIATED WITH CONDITIONS TO OUTLINE PLANNING PERMISSION 16/0433 - CONDITION 5 (PROPOSED LEVELS), CONDITION 6 (ACCESS VISIBILITY SPLAYS), CONDITION 7 (DRAINAGE), CONDITION 9 (PRE-DEVELOPMENT BIRD SURVEY), CONDITION 10 (BIODIVERSITY ENHANCEMENT) AND CONDITION 11 (CONSTRUCTION MANAGEMENT)	Tier 1	Erection of three dwelling houses Outline Application - 16/0433 Reserved Matters - 20/0324 Application to discharge details - 20/0308	1.36	14.14	11.71	1.36	1.80	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0042	238	APPLICATION FOR APPROVAL OF THE RESERVED MATTERS OF APPEARANCE, LANDSCAPING, LAYOUT AND SCALE PURSUANT TO OUTLINE PLANNING PERMISSION 17/0851 FOR A RESIDENTIAL DEVELOPMENT OF 345 DWELLINGS AND ASSOCIATED INFRASTRUCTURE	Tier 1	The application is for 364 dwellings and associated works under the planning reference 17/0851. The development comprises two, three and four bedroom houses. The buildings would be two storeys.	0.71	11.86	9.32	0.71	2.22	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0926	239	NON MATERIAL AMENDMENT TO PLANNING PERMISSION 17/1050 TO REVISE THE PLAN REFERENCED IN CONDITION 5 AND SO REVISE THE DESIGN OF THE SITE ACCESS TO LYTHAM ROAD AND ASSOCIATED OFF-SITE HIGHWAY WORKS	Tier 1	Application for the layout, appearance, landscaping and scale of 96 no.residential dwellings and associated open space and infrastructure. 17/1050 - Outline Planning Application 19/0926 - Reserved Matters Application	0.97	10.75	8.30	0.97	3.54	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0815	240	APPLICATION FOR APPROVAL OF THE RESERVED MATTERS OF APPEARANCE, LANDSCAPING, LAYOUT AND SCALE PURSUANT TO OUTLINE PLANNING PERMISSION 15/0787 FOR A RESIDENTIAL DEVELOPMENT OF 146 DWELLINGS AND ASSOCIATED INFRASTRUCTURE	Tier 1	Development of approx. 160 residential dwellings 15/0787 - Outline Application 18/0096 - Non-Material Amendment 18/0095 - Variation of Condition 6 18/0352 - APPLICATION TO PARTIALLY DISCHARGE DETAILS ASSOCIATED WITH CONDITIONS ON PLANNING PERMISSION 15/0787 19/0856 - APPLICATION TO DISCHARGE CONDITIONS 6, 8, 9, and 15. 19/0815 - Reserved Matters 19/0945 - Application to discharge conditions 5 and 7. 20/0948 - Application to discharge condition 6. 22/0762 - Application to discharge condition 12.	0.88	3.78	1.75	0.88	10.03	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0644	241	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 16/0576 FOR THE APPEARANCE AND LANDSCAPING OF A DEVELOPMENT INVOLVING THE ERECTION OF TWO DWELLINGS	Tier 1	Outline application for erection of 2 no. dwellings and garages following demolition of existing barns with access, layout and scale applied for with other matters reserved.	6.62	14.50	12.37	6.62	7.16	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0360	242	APPLICATION FOR APPROVAL OF THE RESERVED MATTERS OF APPEARANCE, LANDSCAPING, LAYOUT AND SCALE PURSUANT TO OUTLINE PLANNING PERMISSION 16/0468 FOR THE ERECTION OF 3 DETACHED DWELLINGS WITH ASSOCIATED GARAGES	Tier 1	Outline planning application for three dwellings and garaging (access applied for with all other matters reserved)	5.00	7.11	5.33	5.00	9.65	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0724	243	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 16/1006 FOR THE SCALE, LAYOUT, APPEARANCE AND LANDSCAPING OF A RESIDENTIAL DEVELOPMENT COMPRISING NINE DETACHED DWELLINGS WITH ASSOCIATED OPEN SPACE AND WOODLAND PLANTING BUFFER	Tier 1	Reserved matters application for the development of up to 9 detached residential dwellings. The proposed development includes a woodland buffer for the south and west boundaries of the site, and an existing planting zone along the Mains Lane boundary. This planting zone extends to the eastern boundary to help reduce traffic noise.	9.19	10.88	9.36	9.19	11.85	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0876	244	DEMOLITION OF BUNGALOW AND ERECTION OF REPLACEMENT 2 STOREY DWELLING, INCLUDING EXTENSION OF EXISTING DRIVEWAY AREA TO FRONT.	Tier 1	Demolition of existing dwelling and construction of new two storey 4 bed dwelling	0.83	11.25	8.73	0.83	2.83	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0837	245	ERECTION OF DETACHED DWELLING AND ASSOCIATED WORKS, INCLUDING RECONFIGURED DRIVEWAY, FOLLOWING DEMOLITION OF EXISTING DWELLING	Tier 1	Demolition of existing dwelling, and construction of replacement dwelling and associated works.	1.14	6.95	4.71	1.14	7.15	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0852	246	HIGHWAY IMPROVEMENT WORKS TO COMMON EDGE ROAD, QUEENSWAY AND DIVISION LANE INCLUDING PROVISION OF ASSOCIATED DRAINAGE WORKS	Tier 1	Highways improvement works to Common Edge Road / Queensway and Division Lane alongside temporary drainage works	0.00	3.28	0.88	0.00	10.27	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore ecology and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0668	247	RESIDENTIAL DEVELOPMENT OF 4No. DWELLINGS FOLLOWING DEMOLITION AND REMOVAL OF ALL BUILDINGS AND STRUCTURES.	Tier 1	development to the rear of builders yard fronting onto Poplar Ave behind 62, 64 & 66 Marsden street Kirkham. demolition of brick store and removal of storage container, concrete sectional garage and shed with construction or a row of 5 2 bed dwellings and 2no with side drives. 1no new driveway formed 1 existing vehicular access to be utilised and 3 footpaths from existing footpath on Poplar Ave. New rear fencing dividing land and rear access formed with footpath onto green area with parish permission.	0.80	12.67	10.17	0.80	1.28	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0586	248	ERECTION OF TWO STOREY DWELLING WITHIN GARDEN GROUND TO SOUTH OF EXISTING DWELLING.	Tier 1	New 3 Bedroom 2 Storey House	2.26	6.18	4.49	2.26	8.53	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0394	249	ERECTION OF REPLACEMENT TRAINING TOWER AND ERECTION OF ALERTER MAST	Tier 1	Replacement of existing training tower with new training tower and erection of new alerted mast	2.43	11.86	9.47	2.43	2.94	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0595	250	ERECTION OF 3 DETACHED DWELLINGS WITH ASSOCIATED GARAGES, ACCESS, EXTENSION TO PEDESTRIAN FOOTWAY, ERECTION OF DOUBLE GARAGE FOR FARMHOUSE AND REINSTATEMENT OF FORMER FARMYARD AREA TO GRASSLAND (REVISION OF SCHEME GRANTED BY PLANNING PERMISSIONS 19/0123 AND 20/0059)	Tier 1	Erection of 3 No. dwellings (resubmission of extant approval 20/0059) to incorporate minor elevational modifications previously approved under approval reference 20/0652	6.57	14.53	12.40	6.57	7.10	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0525	251	RESIDENTIAL DEVELOPMENT OF FOUR DWELLINGS WITH ASSOCIATED INFRASTRUCTURE	Tier 1	The proposal is to replace granted outline planning ref 19/0300 with updated design details. This is for 4 residential dwellings with associated infrastructure. The scale of the proposed housing units are in-keeping with two storey surrounding houses.	1.29	14.18	11.74	1.29	1.74	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0534	252	REDEVELOPMENT OF DERBY ARMS PUBLIC HOUSE AND ITS SURROUNDINGS INCLUDING: 1) DEMOLITION OF REAR WING AND OTHER ELEMENTS OF PUB BUILDING, 2) CONVERSION AND CHANGE OF USE OF REMAINING ELEMENTS OF PUB BUILDING TO A COMMUNITY SHOP AT GROUND FLOOR WITH TWO 1 NO. BEDROOM APARTMENTS AT FIRST FLOOR, 3) ERECTION OF 6 DWELLINGS TO REAR AND SIDE FOLLOWING REMOVAL OF PARKING, LANDSCAPING AND OUTBUILDING	Tier 1	Commercial / Residential Change of use of a Grade II Listed Public House to a community shop with 2 bedroom apartments. Erection of 6 dwelling houses.	3.08	14.92	12.55	3.08	3.52	Pending	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0326	253	DEMOLITION OF EXISTING DWELLING AND CONSTRUCTION OF REPLACEMENT DWELLING, CLOSURE OF EXISTING ACCESS AND FORMATION OF NEW ACCESS (INCLUDING WALL AND GATES) TO RIBBY ROAD.	Tier 1	Construction of a new domestic dwelling following the demolition of an existing dwelling and the formation of a new vehicular access point to dwelling. Revisions to previous applications reference 19/0669 and 20/0610.	1.90	10.90	8.40	1.90	2.75	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0460	254	ERECTION OF PART SINGLE-STOREY AND PART TWO-STOREY DETACHED DWELLING, INCLUDING RESTORATION WORKS TO FORMER KITCHEN GARDEN WALLS, ASSOCIATED LANDSCAPING AND ACCESS ARRANGEMENTS, AND SOLAR PANELS TO EXISTING AGRICULTURAL BUILDING.	Tier 1	ERECTION OF A PART SINGLE-STOREY AND PART TWO-STOREY DETACHED DWELLING WITH ASSOCIATED LANDSCAPING AND DRIVEWAY ACCESS WORKS AND REPAIR/REINSTATEMENT WORKS TO FORMER KITCHEN GARDEN WALLS	1.14	6.14	4.01	1.14	7.96	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0415	255	EQUESTRIAN DEVELOPMENT COMPRISING: 1) ERECTION OF TWO BUILDINGS TO PROVIDE FOUR STABLES WITH ASSOCIATED TACK ROOM AND FEED/TOOL STORE; 2) CONSTRUCTION OF ALL-WEATHER HORSE EXERCISE ARENA INCLUDING ASSOCIATED LAND RE-GRADING WORKS AND ERECTION OF PERIMETER FENCING; 3) FORMATION OF HARDSTADNING ACCESS TRACK AND STABLE YARD; AND 4) INSTALLATION OF ASSOCIATED FENCING AND SOFT LANDSCAPING	Tier 1	The proposed development can be summarised as follows. • Construction of a stable yard consisting of two single storey timber stable blocks providing stabling for 4no. horses together with ancillary storage. • Construction of a 40m x 20m all-weather riding surface with timber post and rail perimeter fence. • Associated landscaping and external works.	1.68	15.19	12.71	1.68	1.99	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0384	256	TEMPORARY (UNTIL 31/12/2027) INSTALLATION OF 2 STOREY CLASSROOM BLOCK	Tier 1	Installation of 2 storey temporary classroom block	1.72	11.69	9.21	1.72	2.08	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0345	257	ERECTION OF TELEVISION GANTRY INCLUDING INSTALLATION OF ASSOCIATED EXTERNAL STAIRCASE AND SHELTER TO EAST STAND	Tier 1	Erection of a television gantry	2.79	11.84	9.46	2.79	3.32	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0073	258	NEW FOUL DRAINAGE SYSTEM TO BE INSTALLED TO THE NORTH AND SOUTH SIDES OF THE HALL MEETING ON THE EAST LAWN, INCLUDING PROVISION OF PACKAGE SEWAGE TREATMENT PLANT BENEATH THE EASTERN LAWN.	Tier 1	The proposed drainage works comprise of separating the foul drainage from the existing combined top water system into a discrete foul drainage system. Separate foul drainage pipework will be installed on the North and South sides of the Hall meeting on the East Lawn. The foul drainage will then be treated in a new efficient and much-improved package sewage treatment plant, that replaces the existing large septic tank. The surface water will continue to use the existing drainage system including the Victorian culvert. There are no proposed changes to the surface water drainage system.	1.53	6.13	4.14	1.53	8.16	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0377	259	ERECTION OF A VEHICLE AND MACHINERY STORAGE BUILDING FOR PRIVATE USE (RETROSPECTIVE APPLICATION)	Tier 1	Retrospective application for the erection of a Storage Building (for private use. The building applied for is a steel portal frame building with concrete floor and has an area of 192m2, being 10.68m wide, 17.98m in length with a ridge height of 6.5m and 5.2m to the eaves. It is a steel portal frame building with concrete floor and green profile sheeting.	0.93	16.63	14.06	0.93	2.90	Pending	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0147	260	ERECTION OF DETACHED BUILDING WITH INTERNAL PUBLIC SEATING AREA FOR HOT AND COLD FOOD SALES, PROVISION OF 4 PARKING SPACES, AND RETROSPECTIVE CONSENT FOR STORAGE LOCKERS LOCATED TO THE WEST ELEVATION OF EXISTING FORECOURT SALES BUILDING.	Tier 1	These proposals are all associated operations with the operation of a petrol filling station and involve constructing a Greggs Pod design building a new disabled parking bay along customer parking spaces to the east of the current sales building. The Greggs Pod building is to be 6.298m wide x 11.602m long	1.14	8.50	6.25	1.14	5.88	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0293	261	DEMOLITION OF EXISTING MIXED AGRICULTURAL/ DOMESTIC BUILDING AND ERECTION OF A REPLACEMENT MIXED AGRICULTURAL/DOMESTIC BUILDING.	Tier 1	ERECTION OF A NEW AGRICUTURAL/DOMESTIC BUILDING FOLLOWING DEMOLITION OF EXISTING DOMESTIC/AGRICULTURAL BUILDING	0.07	11.84	9.27	0.07	1.92	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0136	262	ERECTION OF STABLES FOR COMMERCIAL USE INCLUDING CONSTRUCTION OF ACCESS TRACK AND VEHICLE PARKING AREA	Tier 1	Erection of stables building for commercial use, construction of access tracvk and vehicle parking.	0.73	14.51	11.95	0.73	0.81	Operational	Yes	Yes	a	a	a	a	a	a	g	a	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0155	263	TWO AGRICULTURAL BUILDINGS AND EXTENDED HARD STANDING AREA.	Tier 1	Full planning application for 2 agricultural buildings and extended hard standing area.	s	6.12	3.54	0.05	7.46	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0169	264	THREE STOREY EXTENSION TO FORM A TWENTY THREE BEDROOM ANNEX TO REAR FOLLOWING DEMOLITION OF 70 MARSDEN STREET WITH WIDENED FOOTPATH TO MARSDEN STREET.	Tier 1	THREE STOREY EXTENSION TO FORM A TWENTY THREE BEDROOM ANNEX TO REAR FOLLOWING DEMOLITION OF 70 MARSDEN STREET WITH WIDENED FOOTPATH TO MARSDEN STREET THE APPLICATION IS A RENEWAL OF THE PERMISSION REF:18/0945 WHICH EXPIRED ON 13/02/2022	0.75	12.73	10.24	0.75	1.23	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0751	265	ERECTION OF THREE STOREY APARTMENT BUILDING CONSISTING OF 6 X 2 BED APARTMENTS WITH ASSOCIATED CAR PARKING	Tier 1	Proposed 3 storey apartment building consisting of 6x2 bed apartments	1.74	12.05	9.63	1.74	2.23	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1039	266	CREATION OF A TWO STOREY DWELLING TO REAR, WORKS TO INCLUDE 1) CONVERSION OF FIRST FLOOR AND PART OF GROUND FLOOR OF STORE, 2) ROOF RAISE EXTENSION AND CONVERSION OF GARAGE.	Tier 1	Proposed to increase the height and extend the rear of a garage and storage area to convert to a dwelling.	2.11	7.34	5.44	2.11	7.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1141	267	ERECTION OF DETACHED DWELLING AND DETACHED GARAGE/CARPORT FOLLOWING DEMOLITION OF EXISTING DWELLING AND OUTBUILDINGS, INCLUDING FORMATION OF HARDSTANDING AREA TO FRONT WITH SECOND VEHICLE ACCESS ONTO LANGTREE LANE	Tier 1	Demolition of existing dwelling and replacement with new dwelling	7.36	14.15	12.09	7.36	7.91	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1120	268	ERECTION OF 6 NO. DWELLINGS FOLLOWING DEMOLITION OF EXISTING DWELLING AND FARM BUILDINGS	Tier 1	Demolition of existing dwelling and commercial farm buildings. Construction of 6no. new dwellings.	1.12	12.27	9.77	1.12	1.50	Under construction	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/1075	269	DEMOLTION OF TWO BUNGALOWS AND ERECTION OF A RETAIL UNIT (CLASS E(A)) AND DRIVE THROUGH COFFEE SHOP, WITH ASSOCIATED DEVELOPMENT INCLUDING ACCESS FROM LYTHAM ROAD, CAR PARKING AND LANDSCAPING ARRANGEMENTS.	Tier 1	The application seeks approval for the erection of 2 drive-through restaurants (Starbucks and Greggs) with outdoor seating and associated parking. The development will include two single storey buildings with 29 proposed parking spaces (4 accessible, 4 Electric, and 8 cycle spaces).	1.03	12.29	9.77	1.03	2.00	Operational	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0965	270	ERECTION OF A VEHICLE STORAGE BUILDING.	Tier 1	Application for the erection of a vehicle storage building	0.89	8.45	6.14	0.89	5.79	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0748	271	1) CHANGE OF USE OF AGRICULTURAL LAND TO A MIXED USE OF AGRICULTURE, REMEMBRANCE WOOD AND WILDLIFE CENTRE WITH ASSOCIATED SUPPORTING DEVELOPMENT INCLUDING ACCESS TRACKS, NATURE TRAILS AND BIRD HIDES; 2) ERECTION OF A BUILDING TO PROVIDE WILDLIFE AND EDUCATION CENTRE WITH CAFÉ WITH ASSOCIATED CAR PARKING, REFUSE STORE AND OTHER SUPPORTING INFRASTRUCTURE AND LANDSCAPING 3) RETROSPECTIVE ERECTION OF POLYTUNNEL 4) RETROSPECTIVE ERECTION OF AGRICULTURAL BUILDING WITH MEZZANINE ELEMENT	Tier 1	1) Proposed change of use of land to mixed agricultural use with part of the site to be used as remembrance wood and wildlife centre with associated supporting development including tracks, nature trails and bird hides. 2) Erection of a building to provide wildlife and education centre with wellness and remembrance space, farm shop and cafe with car parking, refuse store and other supporting infrastructure and landscaping. The proposals indicate the creation of green nature trails across the site and erection of 9 bird hides, sited overlooking the existing and newly constructed wildlife ponds to allow people to view and enjoy the extensive wildlife that the applicant and Wildlife Trust hope to bring to the site.	1.61	10.52	7.99	1.61	3.05	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0299	272	ERECTION OF TWO STOREY DETACHED DWELLING TO PROVIDE RURAL WORKER ACCOMMODATION	Tier 1	The proposal is to construct a modest detached dwelling. The dwelling would be of a simple style and constructed in traditional materials. The building would have a ridge height of 7.6m.	1.02	4.31	1.96	1.02	9.37	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0792	273	DEMOLITION OF EXISTING BUNGALOW AND ERECTION OF REPLACEMENT TWO STOREY DWELLING TO BE OCCUPIED BY NO MORE THAN SIX RESIDENTS FORMING A SINGLE HOUSEHOLD WHERE CARE IS PROVIDED BY NON-RESIDENT CARERS (USE CLASS C3(B)) INCLUDING CONSTRUCTION OF DETACHED ANNEX IN REAR GARDEN FOR VISITORS	Tier 1	Replacement dormer bungalow for assisted living for two disabled people. With ridge height would be up to 6.665m.	4.92	7.10	5.30	4.92	9.56	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0863	274	ERECTION OF ONE DETACHED DWELLING AND DETACHED DOUBLE GARAGE INCLUDING FORMATION OF OFF-STREET PARKING FOR EXISTING AND PROPOSED DWELLINGS	Tier 1	Detached dwelling and garaging	1.01	3.71	1.80	1.01	10.15	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0822	275	ERECTION OF REPLACEMENT TWO STOREY DWELLING WITH ATTACHED GARAGE FOLLOWING DEMOLITION OF EXISTING BUNGALOW AND DETACHED GARAGE INCLUDING CONSTRUCTION OF FRONT BOUNDARY WALL AND GATES UP TO 1.4 METRES IN HEIGHT - RESUBMISSION OF APPLICATION 21/0445	Tier 1	The demolition of an existing house and garage. Replacement dwelling and garage following this, which would be up to 8.2m in height to the ridge.	1.37	14.34	11.90	1.37	1.80	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0744	276	ERECTION OF ONE DETACHED TWO STOREY DWELLING	Tier 1	New build 4 bed house	1.31	14.09	11.66	1.31	1.75	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0616	277	ERECTION OF REPLACEMENT DWELLING AND DETACHED GARAGE FOLLOWING DEMOLITION OF EXISTING DWELLING AND OUTBUILDINGS	Tier 1	Demolition of existing dwelling and replacement with new dwelling	7.36	14.15	12.09	7.36	7.91	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0615	278	ERECTION OF AGRICULTURAL STORAGE BUILDING	Tier 1	Agricultrural Equipment / Implement storage building The purpose of this proposal is to provide secure storage for agricultural equipment. The proposed building will be of a re-purposed Steel Portal Frame construction.	6.61	12.61	10.52	6.61	7.16	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0598	279	DEMOLITION OF EXISTING BUNGALOW AND ERECTION OF REPLACEMENT TWO STOREY DWELLING WITH DETACHED GARAGE INCLUDING RECONFIGURATION OF VEHICLE ACCESS FROM MOOR HALL LANE AND ASSOCIATED HARD AND SOFT LANDSCAPING	Tier 1	Proposed replacement dwelling due to fire damage. This would be a 2 storey building.	0.94	15.05	12.51	0.94	1.40	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0611	280	CHANGE OF USE OF AGRICULTURAL LAND AND BUILDINGS TO PROVIDE SHORT TERM HOLIDAY ACCOMMODATION DEVELOPMENT INCLUDING: 1) DEMOLITION, CONVERSION AND/OR EXTENSION OF EXISTING BUILDINGS TO PROVIDE FOUR HOLIDAY COTTAGES AND CAR PORT; 2) ERECTION OF REPLACEMENT DETACHED GARAGE FOR FARMHOUSE; 3) CREATION OF ADDITIONAL VEHICLE ACCESS FROM BROWNS LANE; 4) FORMATION OF ADDITIONAL CAR PARKING AREAS AND 5) PROVISION OF SOFT LANDSCAPING	Tier 1	The conversion and/or extension of existing buildings at farm to provide short-term holiday lets and parking area.	1.21	11.32	8.76	1.21	2.23	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0492	281	ERECTION OF REPLACEMENT DWELLING AND GARAGE OUTBUILDING FOLLOWING DEMOLITION OF EXISTING DWELLING AND OUTBUILDINGS	Tier 1	Demolition of existing dwelling and outbuildings and proposed replacement dwelling and garage outbuilding	0.63	8.91	6.33	0.63	4.67	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0269	282	RESIDENTIAL DEVELOPMENT OF FOUR DWELLINGS COMPRISING 100% AFFORDABLE HOUSING WITH ASSOCIATED INFRASTRUCTURE	Tier 1	The erection of 2no. pairs of semi detached houses to be retained in perpetuity as affordable rent homes for low income local needs	3.82	16.08	13.72	3.82	4.23	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0438	283	ERECTION OF REPLACEMENT AGRICULTURAL LIVESTOCK BUILDING, FOLLOWING DEMOLITION OF EXISTING BUILDING	Tier 1	ERECTION OF REPLACEMENT AGRICULTURAL LIVESTOCK BUILDING, FOLLOWING DEMOLITION OF EXISTING BUILDING. The building will measure 41.8m long x 28.3m wide, by 4.5m to eaves and 10.1m to ridge.	0.52	6.80	4.38	0.52	7.07	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0422	284	ERECTION OF FOUR STOREY BUILDING PROVIDING 9 NO. APARTMENTS FOLLOWING DEMOLITION OF EXISTING REST HOME BUILDING AND REAR OUTBUILDING WITH ASSOCIATED ACCESS AND PARKING AREAS TO FRONT AND REAR, AND LANDSCAPING	Tier 1	This application is for the demolition of the former Clovelly Rest Home, together with the rear outbuilding, and construction of 9no. apartments and associated landscaping, access and parking infrastructure.	2.38	5.06	3.53	2.38	9.47	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0379	285	ERECTION OF A TWO STOREY TEACHING/SUPPORT BUILDING AND A NEW SPORTS BUILDING TO REPLACE EXISTING EQUIVALENT BUILDINGS (TO BE DEMOLISHED ON COMPLETION OF REPLACEMENTS), RELOCATION OF CAR PARKING AREA TO NORTH EAST CORNER ADJACENT WORSLEY ROAD, RELOCATION OF TWO HARD-SURFACED PLAY COURTS TO A NEW CENTRAL COURTYARD WITH ADDITION OF SPORTS LIGHTING, AND ASSOCIATED LANDSCAPING WORKS	Tier 1	Part redevelopment of Lytham St Annes High School including: part demolition, the erection of a new 2 storey teaching building and a new sports building, the relocation of car parking, the relocation of 2 hard courts and addition of sports lighting, and associated landscaping	1.85	4.69	2.88	1.85	9.43	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0288	286	ERECTION OF TWO STOREY DETACHED DWELLING, WITH EXPOSED BASEMENT LEVEL TO REAR AND ASSOCIATED SOFT LANDSCAPING, FRONT BOUNDARY SLIDING GATE AND PARKING AREA. (RESUBMISSION OF 20/0413)	Tier 1	Development of one detached dwelling to replace approved detached dwelling application number 20/0413	0.07	10.54	7.99	0.07	3.30	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0233	287	ERECTION OF 1 NO. DETACHED DWELLINGHOUSE AND DETACHED GARAGE WITH ASSOCIATED ACCESS, DRIVEWAY AND LANDSCAPING.	Tier 1	Erection of 1 detached dwelling and detached garage with associated external works and landscaping. Total height of 8.679m (to ridge)	2.23	11.22	8.77	2.23	2.60	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0180	288	ERECTION OF AGRICULTURAL STORAGE BUILDING	Tier 1	An agricultural storage building with a ridge height of 7.39m.	2.46	8.21	5.82	2.46	5.65	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0155	289	ERECTION OF DETACHED TWO STOREY DWELLINGHOUSE WITH DETACHED DOUBLE GARAGE.	Tier 1	new, detached dwelling with a detached double garage.	1.84	10.23	7.73	1.84	3.39	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/21/0086	290	DEMOLITION OF EXISTING BUNGALOW AND ERECTION OF REPLACEMENT TWO STOREY DWELLING INCLUDING CONSTRUCTION OF REPLACEMENT FRONT BOUNDARY WALL AND GATES UP TO 1.8 METRES IN HEIGHT	Tier 1	ERECTION OF DETACHED DWELLINGHOUSE FOLLOWING DEMOLITION OF EXISTING DWELLING.	1.26	4.71	2.46	1.26	9.13	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0946	291	ERECTION OF TWO STOREY DETACHED DWELLING FOLLOWING DEMOLITION OF EXISTING DWELLING HOUSE	Tier 1	re-design of the existing bungalow to form a two-storey dwelling. The plot area is 945m2. The internal floor area is 407m2.	2.45	6.03	4.45	2.45	8.79	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/20/0917	292	ERECTION OF 2 STOREY DETACHED DWELLINGHOUSE AND ANNEX FOLLOWING DEMOLITION OF EXISTING DWELLING	Tier 1	ERECTION OF DETACHED DWELLINGHOUSE AND ANNEX FOLLOWING DEMOLITION OF EXISTING DWELLING	1.19	4.75	2.48	1.19	9.07	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/19/0863	293	DEMOLITION OF EXISTING DWELLINGHOUSE AND ERECTION OF TWO STOREY BUILDING COMPRISING A BOATHOUSE WITH CAFE AT GROUND FLOOR AND THREE-BED HOLIDAY APARTMENT AT FIRST FLOOR, INCLUDING CONSTRUCTION OF DECKED LAKESIDE JETTY, ADDITIONAL CAR PARKING AREAS WITH ASSOCIATED ACCESS ROAD, LAUNCH RAMP FOR BOATS AND EXTERNAL STEPPED AND RAMPED PEDESTRIAN ACCESSES	Tier 1	Mixed use - residential & commercial The proposal is for the existing Windrush Farm House to be demolished and replacement Boat House to be constructed on the Lower Ground Floor accessed from the lake and 3 bed luxury apartment at the Ground Floor accessed from the rear.	1.21	11.51	8.96	1.21	2.04	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0568	294	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 13/0674 FOR A RESIDENTIAL DEVELOPMENT OF 170 DWELLINGS AND ASSOCIATED INFRASTRUCTURE (ACCESS, APPEARANCE, LANDSCAPING, LAYOUT AND SCALE APPLIED FOR)	Tier 1	This application relates to an outline consent for up to 360 dwellings (Ref: 13/0674), which was approved by the Secretary of State in September 2015. A Reserved Matters application has already been submitted and approved (Ref: 17/0129) for the erection of 333 dwelling houses. Outline planning ref - 13/0674 This Reserved Matters application relates solely to the southern parcel where 170 new dwellings will be delivered, with the existing farmhouse retained.	0.40	10.83	8.30	0.40	3.11	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0418	295	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 15/0151 FOR THE APPEARANCE, LANDSCAPING AND LAYOUT OF ERECTION OF 4 BUILDINGS PROVIDING 1,400m2 OF LIGHT INDUSTRIAL ACCOMMODATION (CLASS B1C) FOLLOWING DEMOLITION OF EXISTING 8 TIMBER FRAME BUILDINGS	Tier 1	4 industrial units, which are up to 5.94m in height	0.07	5.43	2.85	0.07	8.16	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/18/0318	296	APPLICATION TO DISCHARGE CONDITION 10 (CONSTRUCTION METHOD STATEMENT) OF PLANNING PERMISSION 16/0180 - REVISION OF SCHEME APPROVED BY 20/0875	Tier 1	50 No. dwellings with associated landscaping and infrastructure. The proposed dwellings will be two storeys in height, and predominately detached and semidetached, maintaining the typical local character. 16/0180 - Outline Permission (EIA Screening was also submitted prior to this, concluding that it was not EIA development). 18/0180 - APPLICATION FOR APPROVAL OF RESERVED MATTERS 20/0876 - APPLICATION FOR APPROVAL OF THE RESERVED MATTERS 20/0875 - APPLICATION TO DISCHARGE CONDITIONS 22/0829 - APPLICATION TO DISCHARGE CONDITION	6.89	14.35	12.24	6.89	7.43	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/1046	297	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 16/0554 FOR THE ERECTION OF 50 DWELLINGS FOR APPEARANCE, LANDSCAPING, LAYOUT AND SCALE.	Tier 1	Up to 50 residential dwellings	0.60	14.62	12.05	0.60	0.90	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0957	298	APPLICATION FOR APPROVAL OF RESERVED MATTERS PURSUANT TO OUTLINE PLANNING PERMISSION 15/0547 FOR THE ERECTION OF 170 DWELLINGS FOR APPEARANCE, LANDSCAPING, LAYOUT AND SCALE.	Tier 1	the application proposals include the following: · Residential – 170 No. residential units. The units will be a mix of 1 to 5 bed dwellings, all of which shall be 2 storeys. · Landscaping / Open Space – Extensive areas of open space are to be provided in accordance with the outline consent Outline consent was 15/0547	0.32	13.73	11.22	0.32	0.77	Under construction	Yes	Yes	c	d	c	c	c	c	a	c	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0834	299	APPLICATION FOR APPROVAL OF RESERVED MATTERS OF APPEARANCE, LANDSCAPING, LAYOUT, SCALE FOR ERECTION OF 8 DWELLINGS PURSUANT TO OUTLINE PLANNING PERMISSION 16/0730	Tier 1	ERECTION OF 8 DWELLINGS Part of the proposed site is identified in the SHIIA (FR11)and is outlined for 12 dwellings in total. This is considered in total for the total amount of land owned by the applicant. This application is for a reduced area than that outlined in the SHIIA and is therefore for a reduced number of units i.e. 9.	0.91	13.42	10.88	0.91	1.16	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0644	300	OUTLINE APPLICATION FOR ERECTION OF SINGLE DWELLINGHOUSE AND GARAGE, ACCESS APPLIED FOR OFF MANOR DRIVE (ALL OTHER MATTERS RESERVED)	Tier 1	Erection of 1 residential dwelling	0.08	13.74	11.21	0.08	0.52	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0645	301	OUTLINE APPLICATION FOR THE ERECTION OF ONE DETACHED DWELLING WITH ACCESS VIA EXISTING ACCESS OFF BLACKPOOL ROAD (ALL OTHER MATTERS RESERVED)	Tier 1	Erection of 1 residential dwelling	0.20	13.93	11.40	0.20	0.57	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0623	302	OUTLINE APPLICATION FOR THE ERECTION OF 3 NO. DETACHED DWELLINGS (ACCESS APPLIED ALL OTHER MATTERS RESERVED)	Tier 1	Erection of 3 No. detached dwellings	6.57	14.53	12.40	6.57	7.10	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0595	303	OUTLINE APPLICATION FOR RESIDENTAL DEVELOPMENT OF 30 DWELLINGS INCLUDING 10 AFFORDABLE DWELLINGS (ACCESS AND LAYOUT APPLIED FOR AND OTHER MATTERS RESERVED)	Tier 1	OUTLINE planning application for 30 residential, including 10 affordable dwelling at Oak House Farm, Oak Lane, Newton, PR4 3RR. The site has been identified with emerging Fylde Local Plan to 2032: Revised Preferred Option for Housing Allocation	0.21	14.74	12.17	0.21	0.98	Pending	Yes	Yes	c	c	c	c	c	c	d	c	c	c	e
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0568	304	OUTLINE APPLICATION FOR THE DEVELOPMENT OF UP TO 190 DWELLINGS WITH ACCESS FROM WEETON ROAD AND ALL OTHER MATTERS RESERVED	Tier 1	The application seeks outline permission for the development of up to 190 residential dwellings	2.72	11.58	9.20	2.72	3.23	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0509	305	OUTLINE (ACCESS, LAYOUT AND LANDSCAPINGAPPLIED FOR) APPLICATION FOR THE DEMOLITION OF EXISTING BUILDINGS AND ERECTION OF 40NO TIMBER HOLIDAY LODGES SURROUNDING A NEW LEISURE LAKE WITH ASSOCIATED LEISURE FACILITIES, AND A 50 VEHICLE CAR PARK TO ACCOMMODATE NEW AND EXISTING STAFF MEMBERS.	Tier 1	Proposed 40 timber holiday lodges surrounding a new leisure lake with associated leisure facilities and new staff car park to accommodate 50 vehicles for new and existing staff members.	1.21	11.51	8.96	1.21	2.04	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0114	306	OUTLINE APPLICATION FOR ERECTION OF 10 NO. DWELLINGS FOLLOWING DEMOLITION OF EXISTING DWELLING (ACCESS, LAYOUT AND SCALE APPLIED FOR AND ALL OTHER MATTERS RESERVED)	Tier 1	Proposed housing development of 10 new houses and demolition of an existing building.	0.73	14.51	11.95	0.73	0.81	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0414	307	OUTLINE APPLICATION FOR ERECTION OF 1 DETACHED DWELLING AND DETACHED DOUBLE GARAGE WITH ACCESS AND LAYOUT APPLIED FOR AND OTHER MATTERS RESERVED	Tier 1	Erection of 1 no. detached two-storey dwelling and detached double garage including details of access and layout.	2.14	9.63	7.17	2.14	4.02	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0616	308	ERECTION OF EMPLOYMENT BUILDING PROVIDING A MIXTURE OF MANUFACTURING/ASSEMBLY (CLASS B2) AND STORAGE / DISTRIBUTION (CLASS B8), AND ANCILLARY OFFICES / SHOWROOM AREA, INCLUDING CAR PARKING AND LANDSCAPING AREAS	Tier 1	Full planning application for B2/B8 unit with ancillary offices and showroom. The building has a gross external floor area of 16,721m2. Gross internal floorspace will be provided across three levels (ground floor 16,524m2, first floor 1,965m2 and second floor 1,065m2). Has been submitted with DAS, TA, Travel Plan, AQ Assessment, Phase I habitat survey, Phase I Geo-environmental assessment, Phase II Ground Investigation Report, FRA, Arboricultural Imlications Assessment, Tree Protection Plan and Landscaping Plan.	3.05	11.95	9.59	3.05	3.58	Permitted	Yes	Yes	d	d	d	d	c	d	c	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0299	309	OUTLINE RESIDENTIAL APPLICATION (MATTERS APPLIED FOR - ACCESS, LAYOUT & SCALE) COMPRISING OF A 3 STOREY BUILDING FOR UP TO 38 APARTMENTS.	Tier 1	38 assisted flats and 33 car parking spaces. Flats would include: - 1 Bed Flats with footprint of 48.36m2 - 2 Bed flats with footprint of 72.54m2.	0.43	2.04	0.43	0.79	11.67	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	c	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0271	310	OUTLINE APPLICATION FOR TWO SEMI-DETACHED BUNGALOWS TO THE REAR OF EXISTING PROPERTY (ACCESS, SCALE & LAYOUT APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	Two semi detached bungalows at the rear of an existing property	1.68	13.36	10.89	1.68	2.02	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0247	311	OUTLINE APPLICATION FOR RESIDENTIAL DEVELOPMENT OF UP TO 50 DWELLINGS (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	outline planning permission for the proposed development of up to 100 dwellings (Use Class C3) with associated infrastructure, landscaping and public open space. Application included: - Planning Statement - TA - FRA - Tree Survey Report - ALC - Ecology Report	6.91	14.40	12.30	6.91	7.44	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0146	312	OUTLINE PLANNING APPLICATION FOR RESIDENTIAL DEVELOPMENT OF 48 DWELLINGS WITH ASSOCIATED LANDSCAPING AND OPEN SPACE WITH ACCESS APPLIED FOR AND ALL OTHER MATTERS RESERVED	Tier 1	RESIDENTIAL DEVELOPMENT OF 48 DWELLINGS WITH ASSOCIATED LANDSCAPING AND OPEN SPACE WITH ACCESS, which could comprise a mix of detached, semi-detached and terraced housing. Maximum of 2 storeys	1.73	9.50	6.98	1.73	4.06	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0145	313	OUTLINE APPLICATION FOR ERECTION OF AN AGRICULTURAL WORKERS DWELLING (ACCESS APPLIED FOR WITH OTHER MATTERS RESERVED)	Tier 1	one detached dwelling for an agricultural worker at the farm. This would be a two storey property of simple design. Total floor area (ground and first combined) are likely to be in the region of 130 square metres.	5.62	8.74	6.85	5.62	8.67	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0127	314	OUTLINE APPLICATION FOR THE ERECTION OF A SINGLE DWELLING WITH ALL MATTERS RESERVED	Tier 1	A single dwelling	6.80	13.55	11.46	6.80	7.34	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/17/0053	315	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING DWELLING AND GARAGE AND ERECTION OF REPLACEMENT DWELLING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH APPEARANCE & LANDSCAPING RESERVED MATTERS)	Tier 1	Demolition of existing dwelling and garage and erection of replacement dwelling	0.37	15.37	12.80	0.37	1.64	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/16/0992	316	OUTLINE APPLICATION WITH ALL MATTERS RESERVED EXCEPT FOR MEANS OF ACCESS FOR THE REDEVELOPMENT OF THE SITE AS A MIXED USE SCHEME	Tier 1	Outline planning application for mixed use leisure, care and residential development.	1.27	9.94	7.57	1.27	4.45	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PRHZ4PSDLW100	317	Reserved matters application (for matters relating to appearance, landscaping, layout and scale) following outline permission 17/00268/OULMAJ for the erection of 11 no. dwellings with associated car parking and landscaping	Tier 1	The site is approximately 1.0 acre (0.4047 hectares) in size. The proposal is for 11 units. Residential properties within the vicinity of the overall development are predominantly two storeys with several single storey and dormer bungalows, predominantly to the west of the site. The proposed new dwellings will be of a similar scale to those proposed on the recently approved schemes.	1.07	9.68	7.30	1.07	4.62	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=Q80GJMSDK0D00	318	Variation of conditions 02 and 21 on application 18/00860/FULMAJ - Which was for Erection of 66 dwellings with access from White Carr Lane, associated parking and landscaping	Tier 1	Full planning permission for the erection of 66no. dwellings with access from White Carr Lane, associated parking and landscaping. Residential properties within the vicinity of the site in general are predominantly two storey with a number of single storey and dormer bungalows, predominantly to the west of the site.	9.29	10.37	9.29	9.78	14.37	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PTGFASSDMLE00	319	Outline application with all matters reserved for the residential development of up to 47 dwellings	Tier 1	Outline Application. Up to 47 new dwellings. Application supported by: o Design and Access Statement o Planning Statement o Ecological Appraisal o Arboricultural Impact Assessment and Tree Survey o Flood Risk Assessment and Drainage Strategy o Transport Assessment/Travel plan o Acoustic Noise Assessment The accommodation proposed within the scheme is to be for family housing and apartments. The height of the houses is to be 2 storey throughout	8.75	9.79	8.75	9.28	14.26	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QL0UWUSDGRO00	320	Erection of 54 dwellings with associated infrastructure	Tier 1	The designs being submitted for approval will be two storeys in height in line with the surrounding character of the area. 54 new dwellings ranging from 2-4 bedroom properties. Application includes CMP, Noise Assessment, TA, FRA, etc.	8.93	9.99	8.93	9.44	14.25	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=P4GG16SD03X00	321	Erection of portal frame building for car boot sales	Tier 1	The proposal is to develop a modern portal frame building to host car boot events in bad weather, the building will also feature a café and butchers. The proposed extension will measure 40.8 metres by 37.1 metres. It will measure 4.1 metres to the eaves and 8.2 metres to the ridge.	9.45	10.61	9.45	9.86	14.02	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters									
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QVK960SDJT700	322	Reserved matters application (appearance and landscaping) for the erection of one detached dwelling (following outline application 20/00765/OUT)	Tier 1	5-bed two storey detached dwelling - Approximately 30m in length, 17m in width, with an eaves height of 9.4m.	8.52	9.88	8.52	8.75	12.54	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PQKIYGSDLJU00	323	Outline application for the erection of one detached dwelling	Tier 1	The proposal is an outline application for the erection of one detached dwelling with access applied for and all matters reserved for later approval. Two-storey.	7.79	8.97	7.79	8.23	13.20	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PL4JFLSDJM600	324	Proposed detached dwelling	Tier 1	The proposal is for the erection of a detached two-storey dwelling with access of Robins Lane. The dwelling would have a maximum foot print of 9.92m by 5.65m. It has a hipped roof with an eves height of 4.82 and a ridge height of 6.3m.	7.52	8.69	7.52	7.98	13.15	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PNMNNTSDKH600	325	Variation of condition 2 (plans) on planning application 18/00196/FUL	Tier 1	Erection of 1 no. two storey dwelling with integral garage. Variation of condition of the application - The height of the dwelling has been increased by 0.6m to 7.4m and has a hipped roof. The footprint has also changes with the maximum measurements now 16.6m deep and 10.3m wide.	7.88	9.07	7.88	8.31	13.22	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PTLGRKSD08S00	326	Outline application for the erection of up to 330 dwellings and associated infrastructure	Tier 1	Includes up to 330 dwellings. The scale and massing of the existing properties near to the site suggests that the proposed dwellings and apartments would be of 2 storey in height with pitched roofs Submitted the following: • Planning Application Form; • Site Location Plan; • Parameters Plan; • Illustrative Layout; • Design and Access Statement; • Ecological and Arboricultural Assessment; • Phase 1 Environmental Site Assessment; • Flood Risk Assessment and Drainage Strategy; • Transport Assessment; • Framework Travel Plan; • Air Quality Assessment; • Noise Impact Assessment	7.84	9.08	7.84	8.21	12.89	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PQTU6USD04M00	327	Screening opinion for proposed development of 186 dwellings including land reserved for a primary school and associated access, open space and landscaping	Tier 1	No documents available - 186 dwellings including land reserved for a primary school and associated access, open space and landscaping	8.14	9.41	8.14	8.47	12.88	EIA not required	Unknown	Unknown	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R8H2SYSD04M00	328	Hybrid planning application seeking detailed planning permission for the development of 202 dwellings including associated access, highway works, open space provision and landscaping and outline planning permission for the development of a two form entry primary school (all matters reserved)	Tier 1	Hybrid planning application that includes 202 dwellings, access, highway works, open space, landscaping and primary school.	8.14	9.41	8.14	8.47	12.88	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R9M5PASDG5A00	329	Reserved matters application relating to Appearance, Landscaping, Scale and Layout for the erection of 48 dwellings (following outline planning permission 17/00632/OUTMAJ)	Tier 1	Reserved matters approval for the erection of 48 residential dwellings following outline planning permission 17/00632/OUTMAJ. The proposed dwellings consist of 16 x 2bed units, 23 x 3 bed units and 9 x 4bed+ dwellings and comprise of detached, semi-detached and terraced properties. A mixture of 2.5 and 3-storey buildings.	8.11	9.47	8.11	8.34	12.38	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PQVK84SD04M00	332	Reserved matters application for layout, scale, landscaping and appearance of one detached dwelling and garage (following outline application 18/00032/OUT)	Tier 1	The new dwelling would have a maximum width of 18.8m and maximum depth of 13.3m. The eaves height of the dwelling would be 2.5m and ridge height of 8.2m. The detached garage would have a width of 7.1m and depth of 6.4m with an eaves height of 2.4m and ridge height of 4.8m.	8.47	10.17	8.63	8.47	11.43	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PUHF7GSDMZN00	334	Outline application for the erection of up to 3 residential dwellings (all matters reserved)	Tier 1	3 No. large residential detached dwellings, which are accessed off a shared access point onto Little Poulton Lane.	8.52	10.29	8.73	8.52	11.38	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PIN9KLSD01D00	335	Discharge of conditions 3 (materials), 7 (drainage), 8 (contamination), 9 (levels) and 12 (landscaping) - following from Planning App 18/00432/FUL (Erection of two dwellings with access).	Tier 1	Two detached dwellings of a two storey nature with detached garages located to the front of each plot. Plot 1 would have a maximum height of 7.7m to the ridge with two front gable projections and a small dormer window in the front roof slope. Max eaves height of 4.9m. Plot 2 would have a maximum height to the ridge of 8m with an eaves height of 3.8m.	8.30	10.04	8.48	8.30	11.30	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R6ZQOKSD05R00	336	Residential development comprising 516 dwellings (27 five-bed dwellings, 160 four-bed dwellings, 238 three-bed dwellings, 91 two-bed dwellings) including 30% affordable homes, landscaping and associated infrastructure	Tier 1	Residential development comprising 516 dwellings (27 five-bed dwellings, 160 four-bed dwellings, 238 three-bed dwellings, 91 two-bed dwellings) including 30% affordable homes, landscaping and associated infrastructure including two new access points off Garstang Road East and new footpaths (Variation of condition 2 (Approved Plans) on planning permission 15/00298/LMAJ)	8.31	10.25	8.66	8.31	11.06	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RLUW0RSD08S00	337	Proposed erection of 4 semi detached houses with associated detached garages following demolition of existing building	Tier 1	4 two-storey dwellings - Which would be 8.4m in height according to elevation plans. Also includes garages.	7.79	9.25	7.79	7.93	11.74	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=Q9A774SD04M00	338	Prior notification for the erection of an agricultural storage building	Tier 1	Proposed agricultural building which has a footprint of 18.43m by 12.56m, and a ridge height of 5.3m.	7.01	8.36	7.01	7.31	12.14	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PGZYMKSD04M00	339	Outline application for the erection of one detached dwelling with access applied for off Gezzert's Rise (all other matters reserved)	Tier 1	outline application for the erection of one detached dwelling with access	7.00	8.20	7.00	7.45	12.82	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PL4JFLSDJM600	340	Proposed detached dwelling (resubmission of planning application 18/00036/FUL)	Tier 1	The dwelling would have a maximum foot print of 9.92m by 5.65m. It has a hipped roof with an eves height of 4.82 and a ridge height of 6.3m.	7.62	8.79	7.62	8.07	13.18	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QTB5T0SDJ6B00	341	The erection of 4no detached dwellings	Tier 1	4 residential buildings - Rooftop height of 5.6m	7.48	8.66	7.48	7.92	13.04	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PPE4LNSDL4S00	342	Erection of two storey office building, glazed link extension to existing office and new ramp to warehouse	Tier 1	The proposal is for the erection of a two-storey flat roof extension 6m high. It has a foot print of 8m deep by 13.6m wide	7.79	9.84	8.20	7.79	10.69	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=OXAKLVSD04M00	343	Variation of conditions 2 (approved plans), 3 (walls, fences and gates), 4 (design, materials and appearance of engine housing/containers), 7 (parking and turning), 9 (surface water drainage scheme), 10 (noise limits), 11 (noise mitigation), 12, (stacks), 13 (remediation strategy) and 14 (landscaping scheme) of planning permission 17/00911/ful	Tier 1	The Proposed Development will generate up to 16 megawatts (MW) of electricity via gas engines providing supply security to the local electricity distribution network during times of peak demand. The site would contain: - Gas Engine Containers with Roof Mounted Radiator Units and Exhaust Stacks; - HV/LV Switch Room; - Controls Container; - Welfare Unit/Office; - Transformer Unit; - DNO Substation; - Gas Skid/Gas Kiosk; and - LV Transformer Unit Stacks rise up to 9m in height.	7.65	9.57	7.95	7.65	10.77	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=Q8RYUISD05R00	344	Reserved matters application relating to outline permission 18/00680/OULMAJ for the erection of 102 dwellings, applying for layout, landscaping, scale and appearance	Tier 1	102 no. residential dwellings. There will be 2.41 acres of public open space (POS) provided on the site. The dwellings proposed are to be a maximum of two-storeys in height and to be composed of materials that would be in keeping with the new developments to the west and the existing area. Also submitted noise assessment, DAS, FRA, Sustainable Drainage Report, etc.	7.59	9.44	7.83	7.59	10.82	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PIN4ILSD04M00	345	Reserved matters application (layout, landscaping, scale and appearance) for the erection of 106 dwellings (Use Class C3) following outline permission 16/00742/OUTMAJ	Tier 1	103 residential dwellings. Primarily 2-storey dwellings with a 3-storey feature element. Existing boundary vegetation retained for screening purposes. The heights of the properties range from circa 5m to 12m.	7.58	9.24	7.67	7.58	11.02	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PEA28OSD01D00	346	Erection of 31 dwellings (revised layout and house types from permissions 14/00607/OUTMAJ and 16/00444/RELMAJ (Plots 60-78, 97-101 and 104-110) including an additional 7 new dwellings	Tier 1	Erection of 31 dwellings (revised layout and house types from permissions 14/00607/OUTMAJ and 16/00444/RELMAJ (Plots 60-78, 97-101 and 104-110) including an additional 7 new dwellings	7.58	9.24	7.67	7.58	11.02	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	347	Reserved matters application for appearance, landscaping, layout and scale relating to outline planning permission 14/00607/OUTMAJ for the erection of 12 dwellings (substitution of house types from reserved matters permission 16/00444/REMMAJ)	Tier 1	Reserved matters for 12 dwellings to outline application ref 14/00607/OUTMAJ, which included up to 100 dwellings. Includes green spaces (green corridor along boundary and open spaces). Buildings predominantly 2 - 2.5 storey. Typical 2-storey homes are up to 11m in height, 9.4m width and 10.5m in length.	7.66	9.60	7.98	7.66	10.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=QTPZ5ISDJB100&activeTab=summary	348	Reserved matters application relating to layout, scale, appearance and landscaping for a residential development of 8 dwellings following the demolition of the adult learning centre following outline planning permission 18/00839/OUT	Tier 1	8 Dwellings and associated landscaping, etc. Plots 1-2: Semi-detached buildings (Footprint of 10.2m x 11.5m, and a height of 8.4m). Plots 3-4: Footprint of 11.8m x 9.2m, and height of 8.05m. Plots 5-8: All detached dwellings - Footprints of 12.1m x 9.3m, and a height of 8.65m.	7.56	9.09	7.56	7.63	11.29	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	349	Outline application for the demolition of existing house and garage and construction of one detached dwelling and a row of five town houses with access and layout applied for (all other matters reserved)	Tier 1	Includes 6 dwellings - 5 of which are up to 10.46m in height. Footprint of 9m x 5.4m. The other dwelling would be up to 9.33m in height.	7.66	9.60	7.98	7.66	10.77	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	350	Erection of 2 dwellings (resubmission of 19/00969/FUL)	Tier 1	Full planning application for two detached dwellings and aterations to an existing garage building. Up to 7.2m in height.	7.66	9.60	7.98	7.66	10.77	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=QJKW1NSDGB200&activeTab=summary	351	Reserved matters application (appearance, landscaping, layout and scale) for the erection of two dwellings (following outline application 17/01087/OUT)	Tier 1	Northern plot would include a detached two storey building, with a height of up to 7.5m. Southern plot would house a bungalow with a height of 5.8m.	6.38	7.93	6.38	6.47	10.99	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	352	Modification to the S106 legal agreement pursuant to 17/01154/FULMAJ in respect of affordable housing	Tier 1	Residential development consisting of 30 dwellings with access and landscaping. Two-storey properties. Submitted with pahse 1 surveys, transport statement, noise impact assessment, FRA, ecological survey, DAS, Air quality screening report, ALC, Crime impact statement.	7.66	9.60	7.98	7.66	10.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=P8RYNLSD03X00&activeTab=summary	353	Application for the erection of 2 detached dwellings with associated access and landscaping (following the demolition of existing buildings) (re-submission of 17/00220/FUL)	Tier 1	2 Detached dwellings comprising of a single storey bungalow to the northern boundary and a 2 storey detached cottage style dwelling towards the south. The bungalow measures approximately 15.5m x 15m x 3m to the eaves and 6.5m to the ridge and includes an integral garage which measures 6m x 5m and is located towards the rear. The proposed 2 storey cottage dwelling measures approximately 6m in height (4.5m to the eaves) x 14m in width x 11m in depth	6.34	8.16	6.50	6.34	10.33	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=PYFGVRSDGO100&activeTab=summary	354	Reserved matters application for layout, scale, appearance and landscaping for the erection of one detached dwelling (following outline permission 18/00210/OUT)	Tier 1	One dwelling (2 storey) - up to 16.25m in height	6.47	8.59	6.89	6.47	10.06	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	355	Reserved matters application (layout, appearance, scale, landscaping) for the erection of one detached dwelling (following outline application 18/01070/OUT)	Tier 1	One detached dwelling - would have two storeys, and a ridge height of 8.1m.	7.66	9.60	7.98	7.66	10.77	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	356	Reserved matters application for the erection of one detached dwelling with access from Puddle House Lane following outline permission 18/00681/OUT	Tier 1	One detached dwelling.	6.32	8.46	6.75	6.32	9.99	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	357	Reserved matters application for the erection of nine detached dwellings (following outline approval 17/00410/OUTMAJ) (pursuant to variation of condition 1 (plans) on permission 17/00597/REMMAJ proposing amendments to Plots 5 and 6)	Tier 1	Nine 2 storey detached residential dwellings with associated access and landscaping. Up to 8.2m in height to ridge of building.	6.32	8.46	6.75	6.32	9.99	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	358	Erection of 28 dwellings (including 8 affordable units) with associated landscaping, including open space, attenuation lake and vehicular access onto Normoss Road.	Tier 1	28 dwellings comprise the following housing mix: - 13 x 2 bedroom houses - 9 x 3 bedroom houses - 6 x 4 bedroom houses In support of application, includes DAS, Planning Statement, Landscape Management Plan, Planting Plan, Tree Survey, Transport Statement, PEA, Drainage Strategy, Phase 1 assessment, FLA and crime impact statement.	6.15	7.67	6.15	6.29	11.11	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	359	Discharge of conditions 9 (Desk Study) and 10 (gas measures) from planning application 11/00079/OUTMAJ (Renewal of outline application for residential development and associated works, application reference 10/00626/FULMAJ)	Tier 1		5.74	7.20	5.74	5.96	11.36	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	360	EIA Screening opinion for the development for a new training ground and academy facility along with associated infrastructure	Tier 1	The proposal is to develop a new training ground and academy facility for Blackpool FC. The scheme includes 8no. full size football pitches. There will be various facilities for training such as 3no. goalkeeping grids. There will also be ancillary developments to support the facility such as office space for the academy and the club, a gym, a ground persons yard, toilets and parking for coaches and cars.	6.69	8.06	6.69	6.98	11.96	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=QKRTYISDGPA00&activeTab=summary	361	Erection of 10 apartments following demolition of existing residential dwelling (Reconfiguration of previously approved apartment block (Ref: 18/00145/FUL) to gain an additional 2 flats)	Tier 1	Erection of a two storey building to provide 10 apartments following demolition of existing building.	5.58	7.02	5.58	5.85	11.46	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	362	Proposed mixed use development, comprising of 2no. retail units and 21no. residential apartments | Vacant Land (Former Dinmore Hotel)	Tier 1	four-storey building consisting of two commercial units on the ground floor (Class E) and 21 residential appartments above over the remaining three floor. The apartments consist of 3 1-bed units and 18 2-bed units. It has a footprint of 37.5m wide by 16.4m deep and has an overall height of 13m. Parking is proposed to the south, north and west of the building totalling 35 spaces (10 retail and 25 residential)	5.71	7.06	5.71	6.07	11.88	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RFMTRESDHUO00	363	Reserved matters application relating to appearance, access, landscaping, layout, and scale pursuant to outline planning permission 19/00860/OULMAJ for the erection of 345 dwellings, internal access roads, public open space including play facilities, and associated works including sustainable drainage system and the erection of a sub-station.	Tier 1	The application provides details of the residential development on-site only. However, it also delivers the infrastructure required to facilitate the future delivery of a community hub and employment area. Total of 345 dwellings of varying sizes - 2 storey/2.5 storey buildings. (mix of detached, semi-detached, mews and walk-up apartments).	8.62	15.02	13.04	8.62	9.16	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	364	Proposed residential development of 16 dwellings, public open space, landscaping and associated infrastructure with vehicular access taken from West End	Tier 1	full planning permission for the erection of 16 residential dwellings on the land. This will also include the provision of open space, landscaping and associated infrastructure, with access taken from West End. The tallest building ridge height would be 9.9m.	8.55	15.41	13.40	8.55	9.08	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	365	Reserved matters (access, layout, scale, appearance and landscaping) for the erection of 22 dwellings following outline application 16/00651/OUTMAJ	Tier 1	Development of 22 new dwellings, ranging from 2 bedroom to 6 bedroom properties. (2-2.5 Storey buildings) • dwellings to be typically two storey in height, and between 6.5m and 12m • widths of between 6.8m and 12m • lengths of between 4.9m and 12m	8.66	15.56	13.55	8.66	9.19	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	366	Erection of agricultural livestock building	Tier 1	An agricultural building with a footprint of 28.9m by 44m, and a ridge height of 8.3m.	8.13	16.03	13.96	8.13	8.62	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	367	Reserved matters application for appearance, landscaping, layout and scale for the erection of a single dwelling (following outline application 18/00800/OUT)	Tier 1	The proposed dwelling would be two storey with a pitched roof 7.4m to ridge and 4.1m to eaves, it would be 13m long x 8m wide	8.64	15.71	13.69	8.64	9.16	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=Q0V7HESDHKP00&activeTab=summary	368	Reserved matters application (access, appearance, landscaping, layout and scale) for the erection of a replacement dwelling (following outline application 18/00221/OUT)	Tier 1	One dwelling, which would have two storeys and further accommodation within the roof. Ridge height of 8.55m	8.66	15.45	13.46	8.66	9.19	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	369	Outline application for the erection of one detached dwelling and garage following demolition of existing garage (all matters reserved)	Tier 1	One dwelling and garage - outline application	8.52	15.55	13.54	8.52	9.04	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	370	Erection of 99 dwellings with new vehicular accesses to Copp Lane and land to the west, new pedestrian/cycle access to land to the north, green infrastructure, foul pumping station, and surface water attenuation basins	Tier 1	Residential development of 99 dwellings. Planning application includes Air Quality assessment, heritage impact statement, transport statement, FRA, heritage statement, DAS, Ecological appraisal, tree impact report	8.31	15.25	13.23	8.31	8.85	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=PI2SELSD04M00&activeTab=summary	371	Reserved matters application (relating to scale, layout, access, appearance and landscaping) for the erection of 93 dwellings, new vehicular access off Copp Lane with associated public open space (following outline application 16/00650/OUTMAJ)	Tier 1	Erection of 93 dwellings, including 14 different house types - 2-2.5 storey properties.	8.10	15.13	13.10	8.10	8.63	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	372	Erection of an agricultural steel framed portal building to house and feed dairy cows	Tier 1	The agricultural building would be 31.5m long x 18.32m wide, with a pitched roof with a ridge height of approx. 6.5m, and an eaves height of approx. 4m.	7.98	14.86	12.82	7.98	8.52	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	373	Prior notification for the erection of a new agricultural machinery storage building	Tier 1	An agricultural building with a footprint of 22.8m by 9.1m, and a height of 6m to the ridge.	8.19	15.51	13.47	8.19	8.71	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	374	Permission in principle application for the erection of two detached dwellings	Tier 1	Erection of 2 dwellings	8.10	15.50	13.45	8.10	8.62	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	375	Erection of new dwelling and garage with new access from Hall Lane	Tier 1	The proposed dwelling would be two storey - The dwelling would be 11 metres wide, 10.1 metres deep, 2.7 metres high to its eaves and 6.75 metres high to its ridge.	8.06	15.56	13.51	8.06	8.58	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=PLTZXBSDJUE00&activeTab=summary	376	Erection of a building to provide offices, fitters shop and storage	Tier 1	The proposal is for the erection of a steel portal framed building 24.65m by 13.75m, 5.75m to the eaves and 7.25m to the ridge of a shallow pitched roof.	8.06	15.56	13.51	8.06	8.58	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	377	Erection of one detached dwelling	Tier 1	The proposal is for the erection of a two storey three bedroomed house on the grassed area to the north side of the house. It would have a footprint of 11.9 metres to its frontage and a depth of 7.85 metres	8.16	16.49	14.40	8.16	8.64	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	378	Erection of an agricultural livestock building	Tier 1	The building will measure 38m x 12.1 m creating a new footprint of 459.8 sq m. There will be an overhang on either side, which will provide shelter for the open sides, which are essential for ventilation. The height to eaves is 3.6m and the ridge height is 5.9m	6.76	15.78	13.61	6.76	7.25	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=Q9V0LRSD08S00&activeTab=summary	379	Reserved matters application for access off Preston Road together with matters of appearance, scale, layout and landscaping for the erection of 30 dwellings following outline approval 19/00348/OUTMAJ	Tier 1	Planning permission for the erection of 30 dwellings, including a mix of 2, 3, 4 and 5 bedroomed terraced, semi-detached and detached properties.	6.69	17.29	15.04	6.69	7.13	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	380	Erection of 17 residential dwellings (plot substitution application to change the house types / tenure mix for the affordable units previously approved under reference 16/00481/OUTMAJ and 17/00631/REMMAJ)	Tier 1	Erection of 17 residential dwellings (plot substitution application to change the house types / tenure mix for the affordable units previously approved under reference 16/00481/OUTMAJ and 17/00631/REMMAJ) (plots 26-42)	6.91	17.58	15.34	6.91	7.34	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	381	Prior notification for the erection of an agricultural storage building	Tier 1	Prior approval for an agricultural building, up to 5.7m in height.	8.01	18.11	15.92	8.01	8.44	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	382	Erection of agricultural building for storage of silage	Tier 1	Agricultural buildings up to 7.6m in height. It would have a footprint of 12.1m by 22.8m.	8.11	17.77	15.61	8.11	8.55	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	383	Outline application for the erection of new industrial units (Use Classes B1(c), B2 and B8) with access and layout applied for (all other matters reserved) (re-submission of 18/00593/OULMAJ)	Tier 1	In total 3300 sq.m of floor-space is proposed; 1800 sq.m B1(c), 750 sq.m B2 and 750 sq.m B8. The access would be created off Higham Side Road to serve the development, shown with 2m x 240m sightlines. The layout shows 8 individual buildings and parking areas.	5.54	16.81	14.50	5.54	5.97	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	384	Erection of a two-storey, 38 bedroom student accommodation block for Myerscough College	Tier 1	two storey, thirty eight bedroom student accommodation block arranged as 8 flats sharing eight kitchen and living areas including ground floor communications, plant and tank room block . It would be 42.6m x 16.m providing a floor area of 556m2 and would have a hipped roof 5.2m to eaves and 9.5m to ridge.	10.04	22.09	19.85	10.04	11.02	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	385	Reserved matters application for the appearance, landscaping, layout and scale of 72 dwellings (following outline application 16/00625/OUTMAJ)	Tier 1	72 dwellings and up to 320 sqm of retail space, with access off the A6. Application was supported by: • Planning, affordable housing and design and access statement • Agricultural land use assessment • Ecological survey and assessment • Road and rail noise assessment • Air quality assessment • Phase 1 geo-environmental desk study report • Flood risk assessment and sustainable drainage assessment • Transport assessment	7.36	22.32	19.97	7.36	9.78	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=QS88CTSDITY00&activeTab=summary	386	Full Planning Application for the Erection of 2no. Residential Dwellings with Associated Car Parking, Associated Infrastructure and Hard and Soft Landscaping	Tier 1	2 residential dwellings in addition to the above planning application	7.39	22.42	20.06	7.39	9.85	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=PCSA02SD08A00&activeTab=summary	387	Reserved matters application for appearance, landscaping, layout and scale for the erection of up to 34 detached dwellings (following outline application 16/00807/OUTMAJ)	Tier 1	34 residential dwellings and 0.38 ha of open space.	7.56	22.34	19.99	7.56	9.88	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	388	3no. proposed dwellings with access, parking, garaging, private gardens and means of enclosure	Tier 1	3 residential dwellings (No other information as no documents on planning site)	9.77	22.58	20.31	9.77	11.15	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=RI99O1SDIND00&activeTab=summary	389	Erection of four detached dwellings and the reduction in width of the dwelling at 811 Garstang Road	Tier 1	Erection of 4 detached dwellings and reduction in width of an existing development.	7.82	22.38	20.04	7.82	10.03	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	390	Erection of 39 no. dwellings with car parking, landscaping, play area and all other associated works	Tier 1	Erection of 39 no. dwellings with car parking, landscaping and all other associated works.	8.24	22.51	20.18	8.24	10.31	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	391	Erection of one detached dwelling and conversion of existing building to one dwelling and garage extension to existing dwelling (resubmission of 14/00877/FUL)	Tier 1	The dwelling will have a total height to the ridge of 9.5m and 5m to eaves	9.41	22.63	20.34	9.41	10.98	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	392	Reserved matters application (for matters relating to appearance, landscaping, layout and scale) following outline permission 18/00205/OUT for the erection of one dwelling with access off Garstang Road (re-submission of 19/00055/REM)	Tier 1	One single dwelling	9.49	22.68	20.39	9.49	11.05	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	393	Outline application for the erection of 1 dwelling with access applied for	Tier 1	Erection of 1 dwelling with access - Proposed footprint is 24m by 12m. Height would be 5.2m to eaves and 8.9m to ridge.	9.83	22.63	20.36	9.83	11.21	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=PU9Z4CSDMW400&activeTab=summary	394	Erection of two detached dwellings with detached garages	Tier 1	Two dwellings - including a 1.5 storey building and 2.5 storey building.	10.28	22.84	20.59	10.28	11.58	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	395	Outline application for erection of 8 self-build dwellings with associated works with access from Bilsborrow Lane (all other matters reserved)	Tier 1	The application seeks outline consent for the erection of eight dwellings with access applied for (all other matters reserved).	10.00	22.87	20.61	10.00	11.45	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=QOX908SDHTW00	396	Erection of new dwelling, demolition of existing garage and new vehicular access (variation of conditions 2, 3, 4, 5, 6, 7, 8 and 10 on application 15/00668/FUL)	Tier 1	One dwelling with a footprint of 16m by 26m, and a height of 5.2m to ridge.	10.02	12.16	10.57	10.02	11.79	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=Q67NLTSD08S00&activeTab=summary	397	Erection of 1 wind turbine with a 31.5m high mast and a total height of 45.45m (variation of condition 4 on application 11/00286/FUL to extend the period of retention of the turbine until 22 December 2034)	Tier 1	Erection of 1 wind turbine with a 31.5m high mast and a total height of 45.45m… This application is an extension of the retention of the turbine.	16.99	27.06	25.02	16.99	17.73	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	b	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PRSNPDOTH8300	398	Erection of 8 no. two bedroomed retirement bungalows on land at Crownlee	Tier 1	Erection of 8 no. two bedroomed retirement bungalows on land at Crownlee, including a hard and soft landscaping scheme, alongside the change of use of the first floor Community Centre flat to office space and an extension at ground floor level.	0.49	21.34	18.82	0.49	7.65	Refused	N/A	Yes	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=P4X3T7OT08S00	399	relocate approximately 170m of over head cables and support poles adjacent to the New Penwortham Bypass	Tier 1	Notification under Section 37 of the Electricity Act 1989 to relocate approximately 170m of over head cables and support poles adjacent to the New Penwortham Bypass. The poles would have a maximum height of 8.2m.	0.34	21.27	18.77	0.34	7.70	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R625QROT0AV00	400	Application for prior approval for the addition of two additional storeys above the exisitng dwellinghouse	Tier 1	Application for prior approval for the addition of two additional storeys above the exisitng dwellinghouse, together with any engineering operations necessary for the purpose of that construction.	0.74	21.61	19.06	0.74	7.83	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QWWAB8OTK0D00	401	Prior Approval for the installation of a 20m high street pole together with built-in cabinet and associated equipment cabinets	Tier 1	Prior Approval for the installation of a 20m high street pole together with built-in cabinet and associated equipment cabinets	1.16	22.11	19.60	1.16	8.45	Pending	N/A	Yes	d	d	d	d	c	d	d	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PAVH5HOTFQN00	402	Erection of detached triple garage and sewage treatment plant	Tier 1	Erection of detached triple garage and sewage treatment plant to the north	1.74	22.43	19.87	1.74	8.56	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QIACYWOTI8O00	403	Erection of 2 detached, 2-storey dwellings with additional accommodation in roofspace following the demolition of existing property	Tier 1	This proposal is for the approval for 2No detached 2 storey dwellings following the demolition of 84 Pope Lane Penwortham PR1 9DA. This proposal is to replace the original approved outline planning application for 5No two storey dwellings as part of application reference 07/2017/3100/OUT. The proposed dwellings are 2 storey with additional room in the roof spaces formed to maximise accommodation. Plot 1 has an approximate total floor area of 288m2 and Plot 2 an approximate total floor area of 184m2	1.86	22.80	20.30	1.86	9.21	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QXO5WZOT07Y00	404	Residential-led mixed-use development of up to 920 dwellings (Use Classes C3 and C2), a local centre including retail, employment and community uses (Use Classes E and Sui Generis), a two form entry primary school (Use Class F), green infrastructure, and associated infrastructure following the demolition of certain existing buildings	Tier 1	Outline planning application with all matters reserved except for the principal means of access for a residential-led mixed-use development of up to 920 dwellings (Use Classes C3 and C2), a local centre including retail, employment and community uses (Use Classes E and Sui Generis), a two form entry primary school (Use Class F), green infrastructure, and associated infrastructure following the demolition of certain existing buildings	2.59	23.31	20.87	2.59	9.92	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PRA0TEOT08S00	405	Erection of 1no detached two storey dwelling	Tier 1	Erection of 1no detached two storey dwelling	2.62	23.52	20.98	2.62	9.75	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PRNC48OTH7700	406	Application for a Lawful development certificate for an existing caravan site and land used in conjunction with that use as associated roads, parking, garaging, manoeuvring, ancilliary buildings such as conservatories and storage sheds, landscaping, amenity or recreation space, office, site storage building and fixed infrastructure	Tier 1	Application for a Lawful development certificate for an existing caravan site and land used in conjunction with that use as associated roads, parking, garaging, manoeuvring, ancilliary buildings such as conservatories and storage sheds, landscaping, amenity or recreation space, office, site storage building and fixed infrastructure	2.26	23.13	20.59	2.26	9.33	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QXD3VVOTK2F00	407	Outline application for the erection of a detached dwelling with all matters reserved	Tier 1	Outline application for the erection of a detached dwelling with all matters reserved. It is envisaged the building would have a frontage of 7.6m and depth of 5.75m (footprint of 43.75 sq m) providing a residence with a floor area of 87.5 sq.m. (942 sq.ft.).	2.51	23.35	20.79	2.51	9.52	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
South Ribble Borough Council		408	Erection of two agricultural buildings on land off Factory Lane, Penwortham for the purposes of bale and machinery strorage	Tier 1	Erection of two agricultural buildings on land off Factory Lane, Penwortham for the purposes of bale and machinery strorage. Maximum height 4.57m to eaves	3.07	24.00	21.48	3.07	10.26	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PSMADCOTHST00	409	Erection of 6no. dwellings, following partial demolition and conversion of the existing agricultural buildings and barns. Formation of new access from Factory Lane	Tier 1	The proposed development includes the conversion and partial demolition of the existing barns and agricultural buildings. The conversion will be to 6 dwellings suitable for families, which are appropriate for the characteristics of the area as it is now developing. maximum height will be approximately 7m. Subsequent applications for the site include 07/2019/5267/LBC, 07/2022/00604/LBC and 07/2022/00272/FUL.	3.12	24.05	21.52	3.12	10.31	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PXB837OT09O00	410	Request for Screening Opinion for the erection of up to 300 dwellings	Tier 1	The application will be in hybrid form and proposes up to 300 dwellings. Full planning permission will be sought for around 120 dwellings with the remainder in outline form. Access will be taken from Factory Lane to the north and the cross borough link road (CBLR) located to the south of the site. The developable area will comprise approximately 9.1 hectares, predominately consisting of 2/3 storey housing, which may include a limited number of apartments. The proposals include the provis on of a significant amount of public open space to the east to the eastern and western boundaries of the site as well as either side of the reservoir.	3.26	24.22	21.70	3.26	10.51	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=QL0KOJOT0A900&activeTab=summary	411	Demolition of the vacant public house and the erection of 25 dwellings	Tier 1	Demolition of the vacant public house and the erection of 25 dwellings (100% affordable units) with associated vehicular access off Leyland Road, landscaping and car parking (to include car park provision 20 spaces for existing dwellings located on Leyland Road)	3.25	24.21	21.71	3.25	10.56	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QNHH35OTIVE00	412	erection of 281 dwellings with associated infrastructure and landscaping	Tier 1	Reserved matters application for the erection of 281 dwellings with associated infrastructure and landscaping (amended plans)	3.80	24.76	22.25	3.80	11.10	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QBCD1MOTHFS00	413	Erection of 61No. Dwellings	Tier 1	Erection of 61No. dwellings, formation of associated site accesses, roads, footways, parking areas, drainage, services, landscaping, walls and fences	4.17	25.12	22.60	4.17	11.39	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=RFS87MOTM8800	414	Illuminated signage scheme	Tier 1	Erection of an advertisement sign to an existing building taking the total height to 6m.	4.86	25.66	23.09	4.86	11.77	Permitted	No	No	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=RD96FCOTLX400	415	A 6 metre extension of existing lattice tower, the removal and replacement of radio antennas.	Tier 1	A 6 metre extension of existing lattice tower, the removal and replacement of 3no. radio antennas with 6no. new antennas, the removal and replacement of an existing transmission dish with a new dish and ancillary equipment which will be installed upon the existing tower.	5.96	26.91	24.38	5.96	13.14	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R2LX4YOTKOX00	416	Erection of 7 blocks for employment use, parking, landscaping, substations and ancillary works	Tier 1	Erection of 7 blocks for employment use, parking, landscaping, substations and ancillary works following demolition of existing structures.	6.08	27.04	24.52	6.08	13.30	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QSMKZOOTJI900	417	Erection of 48 no. dwellings together with associated infrastructure, access, internal roads and landscaping.	Tier 1	Erection of 48 no. dwellings together with associated infrastructure, access, internal roads and landscaping.	5.66	26.61	24.08	5.66	12.84	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RA0IHMOTLIY00	418	Erection of 15m climbable monopole with 2 x dish antennas, on concrete base and ancillary equipment within operational substation site.	Tier 1	Erection of 15m climbable monopole with 2 x dish antennas, on concrete base and ancillary equipment within operational substation site.	5.85	26.80	24.29	5.85	13.09	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PSPZOVOTHWF00	419	Formation of 116 car parking spaces and 3 light industrial warehouse units and the installation of 26 electric charging points	Tier 1	Formation of 116 car parking spaces and 3 light industrial warehouse units and the installation of 26 electric charging points	5.56	26.29	23.87	5.56	12.92	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QA9Q2HOT0A900	420	Proposal for a 15 unit development consisting of three townhouses and an apartment block with a combination of 1 and 2 bedroom apartments	Tier 1	There are 15 residential units in total across the site, comprising of a combination of three bedroom townhouses and a mixture of one and two bedroom apartments, within the site there is also designated parking, and both semipublic and private gardens and green space. The maximum ridge height of the units will be 15m. The townhouses are orientated facing onto station road, responding to the neighbouring properties and completing the street. The apartment building is located in the South East corner of the site, set back from the school and residential properties, the building increases in mass towards the South-East corner, responding to the neighbouring industrial buildings. Private garden spaces have been provided for both the townhouses and ground floor apartments, with public landscaped areas and a community vegetable gardens linking the units. Trees and landscaping has been used along the perimeter of the site to provide a buffer and create private spaces for the residents. Within the courtyard space there is 19no. parking bays, including 2 accessible parking spaces and 2 electric charging points.	5.56	26.29	23.87	5.56	12.92	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=P8GLBEOT02E00	421	Erection of ten 3-bedroom homes, two 4-bedroom homes for open market sale and five 1-bedroom affordable rent bungalows with associated parking, landscaping and drainage	Tier 1	The proposed housing development will comprise 17No. New dwellings in total with the following mix: 10No. 3 bed semi- detached houses 2No. 4 bed detached house 5No. 2 bed bungalow houses.	6.02	26.91	24.45	6.02	13.36	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=OKL6ROOT08S00	422	Cuerden Strategic Site	Tier 1	The full application elements will comprise a 65,000 sq m Shopping Park and associated small scale restaurant cluster (1,800 sq m). The Shopping Park will be anchored by IKEA and include 5 other large scale retail units (Plot 4). It will also include the significant site infrastructure necessary to open up the site for development and the key strategic landscape infrastructure which runs through the heart of the site. The outline elements include the remainder of the enabling development and will comprise a mix of uses including residential, hotel, health & fitness centre and leisure uses, crèche/nursery, retail and car showrooms. The major part of the outline element relates to the provision of employment (B Class) uses on the remainder (and substantial part) of the application site. This will deliver up to 106,000 sq m of employment floorspace split primarily between B1 Office floorspace and B2/B8 employment uses.	5.27	25.94	23.53	5.27	12.61	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PMTHSLOTM4K00	423	Proposed Social Housing Development	Tier 1	Erection of 6 No 3-bed semi-detached dwellings and 5 No 2-bed dwellings (one pair of semi-detached dwellings and one block of 3 dwellings) with associated landscaping and car parking	6.75	27.68	25.19	6.75	14.06	Pending	N/A	Not known	d	d	d	d	d	d	d	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QINBNPOTIA700	424	Artificiak grass pich development, changing pavilion, car parking and associated works at Bamber Bridge Leisure Centre.	Tier 1	Proposed 2no. full sized sports playing pitches, remodelled skate park, extended car park, road alterations, detached storage containers, detached pavilion, and ancillary works	6.52	27.45	24.97	6.52	13.84	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=OWOLISOTI2U00&activeTab=summary	425	Proposed Residential Development, Brindle Road, Bamber Bridge.	Tier 1	Erection of 193 dwellings with associated parking, landscaping and public open space with access off Brindle Road following demolition of Grey Gables Farm and associated buildings	7.26	28.21	25.71	7.26	14.55	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QQJ719OT0AV00	426	Preston and South Ribble Flood Risk Management Scheme Area 1 and 2	Tier 1	The overall aim of the proposed Scheme is to deliver new and improved flood defences to achieve a SoP of 1.33% AEP over a 100-year period, when taking into consideration, engineering, environmental, social and economic constraints. To achieve this objective, works are required along the north and south banks of the River Ribble, consisting of a combination of concrete flood walls, concrete flood walls with glass panels on top, revetment works, flood gates, flood embankments, along with some other ancillary works, such as the infilling of a railway culvert, footpath raising and reprofiling, along with landscape mitigation and enhancement proposals	8.74	28.61	26.05	8.74	14.79	Under construction	No	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PEXQJFOT09O00	427	Replacement Community Centre and Housing	Tier 1	Residential and community development - Erection of 75 dwellings (including 17 affordable units) on land to the west of Daub Hall Lane together with the erection of two storey replacement community centre and associated works following demolition of existing facility at Gregson Lane community centre site	8.32	29.27	26.74	8.32	15.48	Refused	N/A	No	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QJMNWAOTIET00	428	Development at the Budweiser Brewing Companys brewery	Tier 1	Construction of an HGV self-registration area to provide 15 bays including new point of access off Cuerdale Lane, erection of portacabin and registration kiosk, installation of 3 weigh bridges, widening of existing internal site road, and associated works.	8.99	29.61	27.02	8.99	15.68	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QLDJR8OTIMB00	429	Erection of a tented warehouse	Tier 1	Erection of a tented warehouse for storage and distribution (Use Class B8), construction of hardstanding to provide 70 HGV trailer spaces and 20 HGV cab spaces, widening of existing internal site road and yard areas, and associated works.	8.74	29.30	26.72	8.74	15.37	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QTPML1OTJN100	430	Erection of tanks, silos abd a steel framed extension to existing brewery.	Tier 1	Erection of four new tanks with supporting steel frame; erection of two new silos with supporting steel frame (partially cladded); and steel framed extension to MCV building (incorporating removal of existing wort vessel and building), to support existing brewery operations (Use Class B2 and Use Class B8).	9.18	29.74	27.16	9.18	15.81	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QTPMKLOTJN000	431	Erection of steel framed extension to Brewhouse	Tier 1	Erection of steel framed extension to Brewhouse to support existing brewery operations (Use Class B2 and Use Class B8).	9.22	29.79	27.21	9.22	15.87	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PCD35EOT08S00	432	Installation of new cooling towers	Tier 1	Removal of four existing cooling towers and installation of two new cooling towers	9.22	29.78	27.20	9.22	15.86	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R0V3ZTOTKHK00	433	Extension to exisitng fermentation building	Tier 1	Extension to existing fermentation building (approximately 100 sq m) and associated works (Use Class B2)	9.17	29.72	27.14	9.17	15.80	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=R3W7TQOTKTM00	434	Erection of tented warehouse	Tier 1	Erection of tented warehouse comprising 2,560 sq m for the storage and distribution of drinks products (Use Class B8), canopy over loading bay (434 sq m) and associated works.	8.97	29.56	26.98	8.97	15.63	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RLDUGLOTMTV00	435	Erection of 34 residential units	Tier 1	Erection of a residential development (34 dwellings - use Class C3) with associated vehicular access, roads and footways, hard and soft landscaping, drainage and other associated works.	2.02	19.19	16.84	2.02	6.55	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QLFEFMOTIMK00	436	Erection of 14 residential units	Tier 1	Erection of 14 new residential units with associated garages and works, and new access from Reynard Close	2.02	19.19	16.84	2.02	6.55	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=Q7BZR2OTH0800	437	Erection of 14 bungalows	Tier 1	Erection of 14no adaptable and accessible bungalows for over 55 age group	4.19	18.89	16.75	4.19	7.57	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=REN6BYOTM3500	438	Residential development of up to 20 dwellings	Tier 1	Outline Application for residential development of up to 20 dwellings (Appearance, Landscaping, Layout and Scale applied for) following demolition of existing industrial/commercial units	3.70	19.87	17.69	3.70	8.12	Withdrawn	N/A	Yes	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PI8OGJOTJL200	439	Erection of 9 residential units	Tier 1	Erection of 9no. dwellings following demolition of existing equestrian centre buildings.	1.43	20.22	17.83	1.43	7.27	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QQSBV4OT0AS00	440	Development of a business park/commercial buildings (Class B1), a petrol filling station (Sui Generis) and restaurant drive thru together with associated roads and landscaping	Tier 1	Hybrid application for a development of a business park/commercial buildings (Class B1), a petrol filling station (Sui Generis) and restaurant drive thru together with associated roads and landscaping, comprising of: (a) Outline application for development of a petrol filling station and restaurant drive thru (access applied for) (b) Reserved matters application for a development of a business park/commercial buildings (Classes B1) pursuant to the parent consent (07/2017/3361/ORM) with access road and landscaping (Lower and Upper Titan) (c) Full application for additional access to the site from Ashton Way	4.30	22.64	20.43	4.30	10.44	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PO7JU5OT08S00	441	Erection of 9no dwellings.	Tier 1	Outline application for the erection of 9no dwellings and associated work with access and siting applied for (resubmission of 07/2019/0092/OUT)	7.37	24.44	22.45	7.37	13.17	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/spatialDisplay.do?action=display&searchType=Application	442	Application for Reserved Matters for residential development for 200 dwellings	Tier 1	Application for Reserved Matters for residential development for 200 dwellings (Appearance, Landscaping, Layout and Scale applied for) (Outline 07/2016/0310/OUT)	7.05	24.78	22.73	7.05	13.17	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=POAT5VOTMXU00	443	Reserved Matters application for the erection of 174 residential units	Tier 1	Reserved Matters application for the erection of 174 residential units off Croston Road (147 dwellings and 27 affordable dwellings) following outline permission 07/2012/0627/ORM	4.52	24.01	21.73	4.52	11.33	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QVLZNHOTJUW00	444	Discharge of conditions pursuant to application 07/2020/00552/FUL - Demolition of existing farm buildings and construction of 121 dwellings	Tier 1	Discharge of conditions pursuant to application 07/2020/00552/FUL - Demolition of existing farm buildings and construction of 121 dwellings (Use Class C3), including access, internal roads, garages, car parking and associated infrastructure	4.17	23.77	21.46	4.17	11.02	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PJIL5ZOTK8J00	445	Erection of 100 dwellings with access and associated works	Tier 1	Application for Outline Permission for up to 100 dwellings with access and associated works	3.28	23.83	21.42	3.28	10.55	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QGUIB3OTI2I00	446	Proposed redevelopment of a caravan site	Tier 1	Proposed redevelopment for open storage (Use Class B8), caravan storage (Use Class B8), caravan site including erection of ancillary building (Sui Generis) and recreation (Use Class E), change of use of existing building to workshop/storage (Use Class B2/B8) and ancillary caravan site/recreation use (Sui Generis), retention of existing building for log store and processing (Class E), siting of static caravan as ancillary office to existing birds of prey centre (Sui Generis) and the retrospective reinstatement of a former track to access the site.	2.56	23.05	20.63	2.56	9.78	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QYV1NKOTK9G00	447	Installation of 4 flues	Tier 1	Relocation and provision of additional external doors to the eastern elevation and installation of 4 flues to the shop building	4.44	24.63	22.28	4.44	11.59	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QCDEBSOTHJT00354049	448	Erection of a 4 storey decked vehicle storage facility	Tier 1	Erection of a 4 storey decked vehicle storage facility (552 van parking bays and 1 car parking bay) and laying out of hardstanding for vehicle storage at ground level including cycle parking, vehicle barriers, welfare facility and entry gatehouse with ancillary infrastructure	5.15	25.02	22.71	5.15	12.18	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=P416G2OTKCY00	449	Erection of 199 dwellings	Tier 1	Reserved Matters application for the erection of 199 dwellings following outline approval 07/2013/0288/FUL as varied by 07/2018/0868/VAR (Access, appearance, landscaping, layout and scale applied for)	5.59	25.43	23.13	5.59	12.63	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RHS5F5OT0B900	450	construction of a total of 16 townhouses and six apartments	Tier 1	Following demolition of existing engineering works building, construction of a total of 16 townhouses and six apartments along with associated landscaping works	6.12	25.49	23.26	6.12	12.96	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RHS368OT0B900	451	Construction of a three storey building with rooftop plant room comprising ground floor retail / restaurant commercial units and a total of 13 apartments	Tier 1	Following demolition of existing engineering works building, construction of a three storey building with rooftop plant room comprising ground floor retail / restaurant commercial units and a total of 13 apartments at first and second floor along with the associated development of a new public square and car park	6.10	25.46	23.22	6.10	12.94	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=Q292N6OT09O00	452	Erection of a medical facility	Tier 1	Erection of a medical facility with associated car parking and landscaping	7.73	27.07	24.87	7.73	14.63	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=QO1UEUOTIYC00	453	Erection of 66-bed care home	Tier 1	Demolition of existing convent building and additional footings and erection of 66-bed care home, with all associated works.	6.55	26.42	24.14	6.55	13.64	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0975	454	Outline planning application for two pairs of semi-detached dormer bungalows with associated infrastructure and access off Darkinson Lane	Tier 1	This scheme is for three pairs of semi-detached dormer bungalows providing a smallscale development and an infill to the area without being an over development. A dormer bungalow design repeats the style along Darkinson Lane. Approximate height is 1.5 storeys/6m	0.68	18.38	15.80	0.68	4.52	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	d	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1031	455	Erection of 4no. detached two storey dwellings and alterations to existing vehicular access	Tier 1	Full permission is sought for the erection of 4no detached dwellings and associated infrastructure. Each proposed dwelling has 4 bedrooms and incorporate private rear garden, integral garage and in-curtilage car parking. The proposal includes an improved access from Darkinson Lane, and a drive to the proposed dwellings. All are 2 storey dwellings, maximum elevations are approxiamtely 10.8m.	0.98	18.01	15.43	0.98	4.18	Operational	Yes	Yes	a	d	a	a	a	a	g	d	d	b	a
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0346	456	Reserved matters application (namely appearance) pursuant to outline planning permission 06/2018/0835 for 1no. dwelling and detached garage	Tier 1	It is expected that the new dwelling will be kept to 2 floors with a floor space equal or slightly larger to that of the existing Newby house. The new development will be at the rear of the garden of Newby house.	1.19	17.79	15.22	1.19	4.01	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0692	457	1no. dwelling	Tier 1	Outline planning permission was granted in 2016 (06/2016/1003) for 3 dwellings. Seperate planning applications for these 3 dwellings were then granted in 2017 (as the plots were sold on as self build), and these applications are for discharging of conditions. 2 storey detached dwelling	1.35	17.83	15.26	1.35	4.08	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0690	458	1no. dwelling	Tier 1	Outline planning permission was granted in 2016 (06/2016/1003) for 3 dwellings. Seperate planning applications for these 3 dwellings were then granted in 2017 (as the plots were sold on as self build), and these applications are for discharging of conditions. 2 storey detached dwelling	1.35	17.83	15.26	1.35	4.08	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0691	459	1no. dwelling	Tier 1	Outline planning permission was granted in 2016 (06/2016/1003) for 3 dwellings. Seperate planning applications for these 3 dwellings were then granted in 2017 (as the plots were sold on as self build), and these applications are for discharging of conditions. 2 storey detached dwelling	1.35	17.83	15.26	1.35	4.08	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0435	460	Permission in Principle for up to 9no.dwellings	Tier 1	Permission in principle for 9 dwellings and a single access point. No detailed elevations at this time.	1.41	17.86	15.29	1.41	4.13	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0152	461	Reserved matters application for 1no. dwelling following demolition of existing stables and tack room	Tier 1	The application is for a high quality 2.5 Storey 5 Bedroom dwelling. Additional landscaping, construction of access road, fencing and parking. Involves previous demolition of existing single sotrey buildings. Follows outline planning application 06/2019/0865.	0.89	18.47	15.90	0.89	4.64	Permitted	Yes	yes	c	d	c	c	c	c	a	d	d	c	e
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0067	462	Outline application for 2no. dwellings with garages and associated works	Tier 1	The proposal is for 2 self-build detached dwellings. Both are 2 storeys, 1 is 3 bedrooms and 1 is 6 bedrooms.	2.41	18.71	16.20	2.41	5.14	Refused	No	No	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1122	463	Construction of roadside services development, including petrol filling station and a drive-through coffee shop following the demolition of existing public house	Tier 1	Full planning consent is sought for demolition of the existing buildings, and the erection of a roadside services development, which includes a petrol filling station with ancillary retail area (Sui Generis) and a drive-through coffee shop (Use Class E). All buildings will be signel storey, with building elements up to 7m in height.	2.55	18.84	16.35	2.55	5.29	Operational	Yes	Yes	d	d	d	d	a	d	a	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0049	464	Construction of a new railway station at Cottam	Tier 1	Construction of a new railway station at cottam, including; station building and forecourt , 2 platforms, footbridge over the railway, associated parking and infrastructure, new public highway access road (0.75km; from the cottam link road to lea road), a bus gate at the junction with lea road, a change of use of sidgreaves lane to be a segregated cycle and pedestrian track, segregated cycle and pedestrian track along new access road, the construction of a new bridge over the lancaster canal with cattle creeps and a roundabout. The diversion of a public right of way, water attenuation pond, the construction of a secondary means of escape and access to it from lea road, landscape and ecological mitigation areas and temporary soil / material / plant storage and compound areas. Maximum height of the station building would be 26.5m, construction anticipated to begin in 2023.	1.44	19.30	16.74	1.44	5.55	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	c
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0114	465	Reserved matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline permission 06/2016/0046 for the residential development of 141no. dwellings and associated development	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This outline application was then amended by application 06/2016/0046. This application comprises phase 4 of the cottam hall development. The 141 no. dwellings comprse of detached, semi-detahed and mes properties between 2-4 bedrooms. All properties are 2 storeys in height.	2.07	19.33	16.80	2.07	5.68	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/0324	466	Reserved matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline permission 06/2016/0046 for erection of 119no. dwellings	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This outline application was then amended by application 06/2016/0046. This comprises phase 3 of the cottam hill development. The 119 no. dwellings consist of 2-5 bed houses as mews, semi-detached and detached houses between 2-3 storeys in height.	2.40	19.95	17.43	2.40	6.31	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1022	467	Reserved matters application pursuant to outline planning application: 06/2016/0046, for the residential development of up to 211 units, landscaping, support infrastructure and means of access.	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This outline application was then amended by application 06/2016/0046. This application comprises the 5th phase of the cottam hall development, and seeks approval for 210 residential dwellings. This will range from 1 to 4 bedroom homes and from 2 to 3 storeys.	2.03	19.58	17.05	2.03	5.92	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1210	468	Reserved matters application seeking the approval of layout, appearance, scale, access and landscaping pursuant to outline planning permission 06/2016/0046 for the erection of 68 units, and main vehicular access from Canberra Lane.	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This outline application was then amended by application 06/2016/0046. This application comprises the 6th phase of the cottam hall development. The 68 units comprises of a mix of 1,2 and 3 bed dwellings, with 7 different house types (detached, semi-detached, terrace and apartment included). All are 2 storeys in height.	2.07	20.14	17.59	2.07	6.44	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1109	469	Reserved Matters application pursuant to outline permission 06/2012/0145 for 117no. dwellings and associated works	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This application is part of the 7th phase of the cottam hall development. The 117 dwellings comprise of a mixture of 2-4 bed homes, with a mixture of 2 and 2.5 storey buildings and several different house types. Internal access roads will also be constructed.	2.13	20.45	17.90	2.13	6.72	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0992	470	Reserved Matters application pursuant to outline permission 06/2012/0145 for 119no. dwellings	Tier 1	This application follows from the outline application 06/2012/0145 for up to 1100 dwellings, infrastructure to suport the development, pedestrian and cycle connections, formal and informal public space, on-site renewable energy, extra care housing and small scale retail, commercial and community development. The approved area covers 53ha and is known as Cottam Hall, as identified in Policy MD1 of the Preston Local Plan. The ES can be found under application reference 06/2012/0145. This application is part of phase 2 of the cottam hall development. This reserved matters application is an addendum to the original reserved matters application 06/2015/0243 for 283 dwellings, including associated infrastructure, commercial and community facilities, open space, landscaping and ecological mitigation. The majority of these houses (in the east of the site) have been constructed, but the application 06/2020/0994 covers the final phase of development at this site, with altered house types compared to the original reserved matters application. related applications for the same site include 06/2018/1296 (Reserved matters application comprising of changes to plats 102-106), 06/2019/0513 (reserved matters application at plots 72,79, 80, 82 and 86) and 06/2019/0146 (reserved matters application at plots 11,12,13 comprising amendments to units 94-101, 113-117, 123-127). The 118 dwellings comprise of a mixture of 2-5 bed homes, with a mixture of 2 and 3 storey buildings and several different house types. Internal access roads will also be constructed.	1.88	19.77	17.22	1.88	6.08	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0470	471	1no. dwelling and workshop, new access, associated landscaping and boundary fence to front of property	Tier 1	2 storey 4-bed house and single storey workshop.	1.80	19.42	16.87	1.80	5.74	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1101	472	5no. dwellings and associated works	Tier 1	This is an updated application from the previous application 06/2016/0786 to provide 6no. dwellings. This has been split into 06/2018/1101 (5no. dwellings) and 06/2018/1102 (1no. dwelling). THe scheme would be made up of three different dwelling types all of which would offer five bedrooms. Ancillary parking/garages are provided to the dwellings as is garden space. All are 2 storeys in height.	1.75	19.40	16.85	1.75	5.71	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1387	473	Outline planning application for 1no.dwelling and detached garage (access, appearance, landscaping, layout and scale applied for)	Tier 1	The site comprises of existing dwelling's, New Links and outbuildings and the proposed house will be within the boundary of the existing farm house that has now been demolished, but the existing footings up to slab level still remain. The proposed development would comprise of the erection of 1no. dwelling on part of the existing land within the grounds of New Links. The indicative site plan indicates that the new property will provide a gross internal floor area of 260sqm. The dwelling will be 2.5 storeys.	0.89	19.53	16.95	0.89	5.65	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1229	474	Hybrid planning application: 1) Full planning application for 163no. dwelling (northern parcel); 2) Outline planning application for residential development of up to 120no. dwelling, (access applied for only and all other matters reserved for subsequent approval) (southern parcel)	Tier 1	Application 06/2020/1229 requesting EIA screening, decision 18/12/2020 EIA not required. hybrid planning application for residential development comprising full permission for 163no. dwellings on the northern parcel and outline permission for up to 120no. dwellings on the southern parcel. The site has two parcels of land - the northern parcel is 8.4ha, and the southern parcel is 6ha. The full application consists of a mix of 2,3,4 and 5-bed detached, semi-detached and terrace houses and 1 and 2 bed apartments. The outline application will contain a mixture of housing types. Houses will be up to 2.5 storeys and apartments up to 3 storeys.	1.54	19.33	16.77	1.54	5.59	Permitted	yes	yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0149	475	Two storey building, 2 no.store,1 no. security hut and ancillary infrastructure, following demolition of single storey southern extension to the sports hall.	Tier 1	Demolition of the existing single-storey southern extension to the sports hall and erect a new two-storey building to the east of the sports hall and ancillary infrastructure. This will also include a new outdoor store for hte training ground, and a small seurity hut at the site entrance.	0.62	19.36	16.79	0.62	5.47	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	d	c	e
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2016/0046	476	Preston Western Distributor and East West Link Road	Tier 1	Construction of a four-lane dual carriageway. The road would be approximately 2.5 miles long and 30 metres wide. It would have a seperate 3m shared use cycle and footway. a 0.4 mile link road would also be constructed between this road and Cottam Way. The East WEst Link Road, also part of this application, is approximately 2 miles in length and 15m in width. Other structures would be: Becconsall Bridge over the M55 Bartle Underpass Bridge carrying the realigned Bartle Lane over the PWD Cattle Creem for Earl's farm Underpass at Darkinson Lane Lea Viaduct Savick Brook Viaduct There would be 4 new junctions, including at its southern end on the A583 Riversway and Blackpool Road	2.07	18.83	16.30	2.07	5.19	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	c

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0836	477	Single and two storey side extension and bay window to front	Tier 1	Side extension u pto 7.6m in height. This does not increase the maximum height of the house.	0.50	19.33	16.75	0.50	5.42	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0459	478	Erection of 3 dwellings following demolition of existing garages	Tier 1	Demolition of existing garages and erection of 3 2.5 storey houses with driveway parking and gardens. All 3 are 4 bedroom houses.	0.64	19.45	16.88	0.64	5.56	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	d	c	e
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1258	479	Erection of 1 dwelling following demolition of existing garage	Tier 1	Current garage is to be demolished to allow for construction of a new 2 storey, 2-bed dwelling. This will be within the curtilage of 1 Lea Road.	1.08	20.13	17.55	1.08	6.23	Permitted	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0555	480	Erection of 1 dwelling, 7 car parking spaces and 2m high fence	Tier 1	Redevelopment of the site currently occupied by a series of derelict garages. Proposed development is a detached 2-bed dwelling. Eevations are anticipated to be 6m to ridge.	1.30	20.23	17.66	1.30	6.35	Under construction	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1055	481	Erection of 12 dwellings and 1 building comprising a library and retail unit	Tier 1	Demolition of existing shops and maisonettes and provisioning of 8 2-bed houses and 4 3-bed houses, along with gardens, library, retail unit and other landscaping. The buildings will be up to 2.5 storeys in height.	1.45	20.48	17.90	1.45	6.59	Under construction	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0890	482	Two storey rear extension, balcony, alteration to ground floor front and rear elevations	Tier 1	5.9m high extension to the side of the property, along with first floor balcony and new ground floor windows.	2.01	20.77	18.20	2.01	6.94	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1390	483	2no. dwellings	Tier 1	2 new semi-detached 3-bed dwellings. They are both 2 storeys, and are to be built on currently disused land.	1.23	20.49	17.91	1.23	6.58	Operational	Yes	Yes	d	d	a	d	a	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1428	484	1no. dwelling and visitors parking area	Tier 1	1 new detached 3-bed dwelling. It is 2 storeys, and to be built on disused land.	1.32	20.58	18.00	1.32	6.67	Permitted	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1389	485	2no. dwellings	Tier 1	2 new semi-detached 2-bed, 2-storey dwellings. They are to be built on disused grassland.	0.78	20.43	17.85	0.78	6.50	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	d	c	e
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0119	486	Two storey building comprising of workshop and offices	Tier 1	New building 7.7m high, retrospective application.	0.68	20.63	18.05	0.68	6.71	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0719	487	25no. apartments	Tier 1	Erection of 5 storey apartment block and associated car parking. This involves the retention of the existing Midland house and the erection of a detached 5 storey building, with the area between the buildings allocated for parking space. This will be up to 29m in height. reserved matters application 06/2019/0719 following outline application 06/2018/0849	1.01	21.10	18.52	1.01	7.18	Permitted	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0068	488	Two and three storey 69no. bedroom care home and 16no. supported living apartments	Tier 1	Development of a 69 no. bedroom residential care home and a seperate buiding providing 16 no. suported living units. Total GIFA for the Care Home is 4002sqm. The care home is laid out as a two-storey perimeter block with a three storey element in the middle of the plan. The apartment building is laid out to the north of the site, and is 3 storeys in height. The original planning application (06/2020/1058) has been superseded by an amended planning application (06/2022/0068), changing parking and landscaping layout alongside increasing number of bedrooms to 69 amd changes to internal layouts.	1.18	21.20	18.62	1.18	7.27	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1031	489	1no. mixed use (Class A1 & A3) drive-thru unit	Tier 1	erection of a Use Class A1 / A3 drive thru' coffee shop (167 sq.m) with car parking, drive thru' lane, hard and soft landscaping, refuse area, and associated works	1.75	21.70	19.12	1.75	7.78	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1510	490	Erection of 2no. retail units (Class E(a)) and associated infrastructure	Tier 1	Demolition of existing buildings and structures and redevelopment of the site for the erection of two Use Class E retail units with supporting internal vehicular access road, car parking, servicing area, external lighting, electricity substation, and hard and soft landscaping. The application site extends to 1.81 ha. One building would be a foodstore, the other unit would be other retail. Total GIFA for both buildings would be 4149sqm. Maximum height would be approximately 8m.	2.16	22.36	19.78	2.16	8.43	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0245	491	1no. dwelling	Tier 1	Demolition of existing store and erection of a 3-bed terraced dwelling in its place at 48 Mersey Street, Ashton-on-Ribble, Preston, PR2 1BB. The dwelling would be 2.5 storeys in height.	2.30	22.22	19.64	2.30	8.29	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0599	492	Installation of telegraph poles	Tier 1	Application for a Prior Notification for the proposed erection of a series of telegraph poles. The telegraph poles will enable the installation of high-speed wireless broadband internet. The poles would be 8m in height.	2.18	21.67	19.09	2.18	7.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1245	493	Two storey rear and single storey side extension above height of original dwelling	Tier 1	Two storey rear and single storey side extension following demolition of existing outbuilding, as well as tree felling works. Two storey rear extension would increase height of dwelling from 2 to 2.5 storeys.	1.73	21.45	18.87	1.73	7.53	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0516	494	3no. commercial units at ground floor and 8no. apartments split over first and second floor following demolition of existing hall	Tier 1	Demolition of 1 existing hall that was previously used as a place of worship off Blackpool Road. A 3 storey unit comprising 3 commercial units at ground floor and 8 2 bedroom apartments split over first and second floors is proposed. Approximately 12m in height.	2.17	21.63	19.06	2.17	7.74	Withdrawn	Yes	Yes	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0840	495	5no. dwellings following demolition of existing house and garage	Tier 1	Full Planning application for the erection of Five new dwellings together with associated access road, parking and garden/amenity areas – following demolition of the existing detached house and separate garage block to the rear of the property. Mixture of 2 and 3 storey dwellings, 3x4 bed and 2x3 bed.	2.20	22.01	19.43	2.20	8.09	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0726	496	16no. apartments, 8no. dwellings and associated works	Tier 1	The Application is for 8 new homes across the site arranged within 2 blocks, and a block of 16 flats within a new network of parking and open spaces. Within these 2 housing blocks a total of 8 houses are arranged to create a varied streetscene from 3 to 2 storeys. The block of flats will be three storeys and be a modern interpretation of the former hall that once occupied the site .	2.54	22.42	19.84	2.54	8.50	Withdrawn	No	No	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0782	497	3no. dwellings	Tier 1	A short row of 3 houses of similar size to the established local type. 2-storey terrached houses.	2.55	22.49	19.91	2.55	8.57	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0398	498	Proposed 2 storey 6 bed house of multi-occupation (C4)	Tier 1	The proposals are to build a detached House of Multi Occupation (HMO) property, housing 6no. bedroom accommodation for the local students/general worker population. This replaces the earlier approved application 06/2020/0123 for 2x2-storey dwellings.	2.56	22.16	19.58	2.56	8.26	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1105	499	Reserved matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline permission 06/2019/1446 for 1no. dwelling	Tier 1	Previous outline planning permission approval for a single detached dwelling following the demolition of an existing timber garage, as detailed in outline planning application No: 06/2019/1446. Reserved matters application details a single detached, two storey, two bedroomed dwelling house, with a detached twin garage to be detailed later.	2.29	21.47	18.90	2.29	7.61	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=RDH54TRHH9P00	500	Expand the existing leisure/amenity use to a Living Museum/Heritage Park	Tier 1	Application to expand the existing leisure/amenity use to a Living Museum/Heritage Park including the erection of a Visitor Centre and Learning Hub, ancillary buildings with uses: E(a), E(b), F1(c)... | Land To The North Of Thornton Drive Hesketh Bank Lancashire	5.92	16.45	14.54	5.92	7.16	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=PSZPRHRH00600	501	Excavate section of new ditch (660m long), widen existing 'berm' at toe of flood bank utilising spoil from new ditch excavation	Tier 1	Excavate section of new ditch (660m long), widen existing 'berm' at toe of flood bank utilising spoil from new ditch excavation (375m long), remainder of spoil bank deposited on marsh to form ridge up to 0.6m high by 12m wide connecting existing ridge to the flood bank berm.	4.18	13.33	11.21	4.18	4.58	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=PPUHUCRH03Q00	502	Extension to existing glasshouse development.	Tier 1	Construction of a glass house covering 1.61ha with a maximum height of 4.7m.	4.09	14.38	12.22	4.09	4.61	Operational	Yes	Yes	d	d	d	d	a	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1128	503	Two storey side extension and rear dormer	Tier 1	Extension of the property would increase height to 2 storeys.	1.99	19.12	16.59	1.99	5.46	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1101	504	5no. dwellings and assopiated works	Tier 1	construction of 5 5 bedroom dwellings 2 storeys and approximately 7.5m in height.	1.75	19.40	16.85	1.75	5.71	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0662	505	Change of use of land to residential, single storey front, side and rear extensions following demolition of garage, two storey front extension, balconies to side and rear; two storey outbuilding, new vehicular access and front boundary treatment	Tier 1	Construction of a 2 storey extension (does not increase maximum building height) and 2 storey outbuilding containing bar and gym, maximum height approximately 7m.	1.80	19.42	16.87	1.80	5.74	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0470	506	1no. dwelling and workshop, new access, associated landscaping and boundary fence to front of property	Tier 1	Construction of a 2 storey dwellings and single storey workshop, approximately 7.5m maximum dwelling height and 5m maximum workshop height.	1.80	19.42	16.87	1.80	5.74	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2015/0530	507	Erection of 350no dwellings, new vehicular access from Hoyles Lane and Sidgreaves Lane, open space, landscaping and associated infrastructure	Tier 1	Planning permission was granted on 18 October 2013 (ref:06/2013/0428) for a residential led development of up to 350 dwellings with a local centre, playspace, open space, a reserve site for a school and associated landscaping and infrastructure on land at Hoyles Lane, Preston (ES is within this application). This detailed application follows the outline planning permission pertaining to the site for a residential development of up to 350 dwellings (06/2013/0428) and reflects the parameters set and approved as part of the outline consent. The main difference being that it removes the areas earmarked for the local centre and school, as the council no longer seeks those uses on this site. Consisting of 1, 2, 3, 4 and 5 bed mews and detached 2-2.5 storey dwellings with construction in 3 phases. Phases 1 and 2 have been completed, with phase 3 construction ongoing. Amended by application 06/2018/1053 to reduce the site area by changing the housing mix and density of phase 3. Further amendments have resulted in permission being granted for an additional 5 dwellings (06/2018/1414).	2.69	19.78	17.28	2.69	6.20	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0705	508	48no. dwellings, with associated vehicular access, landscaping and associated infrastructure	Tier 1	Planning permission was granted on 18 October 2013 (ref:06/2013/0428) for a residential led development of up to 350 dwellings with a local centre, playspace, open space, a reserve site for a school and associated landscaping and infrastructure on land at Hoyles Lane, Preston (ES is within this application). Full permission was granted for application 06/2015/0530. Subsequent amendments have resulted in a reduced area for these 350 dwellings, hence construction of a further 48 dwellings has been applied for in this application. These consist of 1, 2, 3, 4 and 5 bedroom homes and a mix of 2 and 2.5 storeys.	2.62	19.43	16.92	2.62	5.86	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0283	509	Erection of 9no. dwellings and internal access road	Tier 1	The erection of 9no. dwellings, with private gardens, in-curtilage car parking and served by a new access road. An Outline planning approval was granted on this site for 10no. dwellings (all matters reserved), ref. 06/2017/1036, approved 08-Jun-18. Amendments to the full application: 06/2021/0245 and 06/2021/0628 All units are 3 bed and are 2-2.5 storeys in height.	2.25	19.19	16.67	2.25	5.57	Operational	No	No	d	d	d	d	a	d	a	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0601	510	Single storey extension to side and two storey extension to rear and side	Tier 1	2-storey extension that will increase the height of the property from 1-2 storeys.	2.32	19.47	16.95	2.32	5.85	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0097	511	1no. detached dwelling and detached garage	Tier 1	2.5-storey, 5-bed detached house and single storey detached garage. Approximately 8.7m maximum development height.	2.71	20.58	18.06	2.71	6.94	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0265	512	Conversion of barn and part demolition to create 2no. dwellings, and 2no. detached garage and associated hardstanding following demolition of buildings	Tier 1	Full planning permission is sought for the conversion of a traditional barn to create a pair of semi-detached dwellings and two detached garages, following demolition of buildings. 0.26ha in area and 2 storeys in height. This application amends application 06/2019/0260 for a single dwelling, and the subsequent application 06/2021/1569 to amend this application to a single dwelling, workshop and store was withdrawn.	2.71	20.58	18.06	2.71	6.94	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0619	513	Prior notification submission for the installation of 1no.16m high mast with 6no. antennas, proposed equipment cabinets, and ancillary development.	Tier 1	Replacement of the existing 14.5m high phase 4 street pole as it is not suitable for an upgrade to carry 5G antennas. MBNL, EE and H3G are proposing the installation of a 16m column supporting 6 no antennas, together with ground-based equipment cabinets and ancillary development thereto.	3.49	21.50	18.99	3.49	7.89	Permitted	No	No	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/0757	514	Hybrid planning application for the redevelopment of land associated with Ingol Village Golf Course, Preston; full application for areas of public open space; outline application for a new first team training facility for Preston North End Football Club and residential development of up to 450 dwellings (access applied for)	Tier 1	This is a re-submission of the previously refused applications 06/2010/0626 and 06/2017/0002. This is a hybrid application for a mixed-use development comprising of a new First Team training facility for Preston North End Football Club (PNE), public open space including a variety of community facilities and up to 450 dwellings on 69.4 hectares of land associated with Ingol Village Golf Course, Preston. The proposed public open spaces and access are applied for in full, with all other matters reserved. The ES is submitted with this application. 10.3ha for the PNE first team training facility (maximum height 12.8m), with up to 2500sqm floor space, 42.3ha for public open space, 16.8ha for residential development (maximum height 2 storeys). The dwellings would be provided in 9 parcels throughout the area of the former golf course, along the east, noth and middle sections with the PNE training facility located in the south-west. Residential development would be up to 2 storeys in height. Reserved matters application 06/2019/1032 for 152no. dwellings and associated infrastructure comprises the first stage of development, parcels D, E and F of application 06/2017/0757. This comprises of apartments and houses bewten 1-4 beds, and all are 2 storeys or below. This has been approved and is now under construction. Reserved matters application 06/2021/0734 for 50no. dwellings and associated infrastructure comprises parcel H. This comprises of houses between 2-6 beds. This has been approved.	3.51	21.51	19.00	3.51	7.90	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0279	515	Permission in principle for up to 5no. dwellings	Tier 1	The site is 0.26ha and this application is for permission in principle for the development of up to 5 x 2-storey houses or up to 4 x true bungalows.	2.81	21.24	18.70	2.81	7.53	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0423	516	1no. dwelling following demolition of existing garages	Tier 1	Planning Application for the redevelopment of the site currently occupied by a series of unused verging on derelict garages. The new proposed scheme is for 1 No. new detached 2 bed 4 person dwelling. Single storey, maximum height of 5.1m.	11.26	31.40	28.83	11.26	17.55	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1460	517	4no. dwellings and adjacent green infrastructure improvement scheme	Tier 1	Redevelopment of a currently unused site. The new proposed scheme is a short terrace comprising of 4 No. new 2 bed 4 person dwellings. These are all 2 storeys in height.	2.61	21.27	18.71	2.61	7.49	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0963	518	Two storey rear extension with basement, and first floor covered balcony, increased roof height of dwelling following demolition of existing rear conservatory.	Tier 1	The two storey extension would increase the height of the property from 1 to 2 storeys. This application replaces the previously approved application 06/2020/1161 at the same property.	2.34	21.19	18.62	2.34	7.37	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0686	519	Works associated with the remediation of land at the former Cottam Brickworks site	Tier 1	The former Cottam Brickworks site, approximately 13.8ha, is allocated for development under Policy MD1 Cottam of the adopted Central Lancashire Core Strategy. Outline applications 06/2009/0499 and 06/2015/0085 have confirmed the principle of development on the site, for a mixture of housing, retail and other class uses. An environmental statement is provided in the application 06/2009/0499. This application seeks to gain permission for works associated with the remediation of land at the former Cottam Brickworks site, in advance of reserved matters applications for the areas confirmed in principle.	2.45	20.89	18.34	2.45	7.16	Under construction	Yes	No	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/0256	520	21no. dwellings and associated infrastructure Reserved matters application (namely access, appearance, landscaping, layout and scale) (pursuant to outline 06/2009/0499) for 93no. dwellings	Tier 1	The former Cottam Brickworks site, approximately 13.8ha, is allocated for development under Policy MD1 Cottam of the adopted Central Lancashire Core Strategy. Outline applications 06/2009/0499 and 06/2015/0085 have confirmed the principle of development on the site, for a mixture of housing, retail and other class uses. The development site for this application is approximately 8.54ha and has some differences from the original application, including the removal of the marina and the provisioning of more housing, to 114 units. Single, 1.5 and 2 storey buildings are to be within the development, comprising of detached and semi-detached dwellings. As such, the application contains both a reserved matters application for 93 dwellings (pursuant to outline planning approval 06/2009/0499) and full planning application for 21 dwellings and associated infrastructure (replacing the area which was approved for a marina). This is known as phase I of the development area.	2.26	20.82	18.26	2.26	7.04	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1451	521	Hybrid planning application for development comprising: i. Full planning application for the erection of a retail foodstore (1,785 sqm) (Use Class A1) together with associated car parking, servicing, access and landscaping; ii. Outline planning application (all matters reserved excluding access) for the erection of up to 11,425 sqm of flexible use commercial floorspace for A1, A2, A3, A4, B1, C3 and D1 uses with up to 229 car parking spaces; up to 89 no. residential dwellings; and associated landscaping, car parking, servicing and open space; iii. Detailed vehicular access for retail/commercial area (the village centre) including access arrangements from Tom Benson Way and Cottam Avenue and a detailed point of vehicular access to the proposed residential area (access from the village centre is reserved).	Tier 1	The former Cottam Brickworks site, approximately 13.8ha, is allocated for development under Policy MD1 Cottam of the adopted Central Lancashire Core Strategy. Outline applications 06/2009/0499 and 06/2015/0085 have confirmed the principle of development on the site, for a mixture of housing, retail and other class uses. An environmental statement is provided in the application 06/2009/0499. This application is for a village centre, known as phase II of the development area. Up to 89 residential units are to be provided, alongside a 1,785sqm GIA foodstore and 6 other commercial buildings. Full planning permission is sought for the foodstore with other units and residential development in outline. Maximum height of the foodstore is anticipated to be 9m. and residential units are likely to be two storeys in appearance.	2.45	20.89	18.34	2.45	7.16	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0652	522	35no. dwellings	Tier 1	The site is currently a greenfield site that is allocated under Policy HS1.13 of the Preston Local Plan. The proposed development comprises the erection of 35no. dwellings and ancillary infrastructure. It will include the following housing mix: 17x2-bed semi detached properties 10x3-bed mews properties 8x3-bed semi detached properties. all are 2 storeys in height.	2.20	20.91	18.34	2.20	7.10	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0888	523	Hybrid Planning Application which seeks the following: 1. Full planning permission for new roundabout junction on Preston Western Relief Road with two spur road accesses off roundabout (east and west stubs), related highway infrastructure, associated works and landscaping; and 2. Outline planning permission for residential development up to 1,100 dwellings (Option 1) or reduced residential (approximately by up to 5%) plus primary level school and small scale local facilities (Option 2), access and circulation roads, cycle routes, pedestrian routes, public open space, green space, tree planting, landscaping, necessary infrastructure and associated works	Tier 1	The hybrid planning application comprises the following elements: Detailed planning permission for new roundabout junction on Preston Western Relief Road with two spur road accesses off roundabout (east and west stubs), related highway infrastructure, associated works and landscaping; Outline planning permission for residential development up to 1,100 dwellings (Option 1) or reduced residential (approximately by up to 5%) plus primary level school and small scale local facilities (Option 2), access and circulation roads, cycle routes, pedestrian routes, public open space, green space, tree planting, landscaping, necessary infrastructure and associated works. The infrastructure component of this application can be constructed during the initial construction works for the preston western distributor (app. ref. LCC/2016/0046), and will comprise of a 46m diameter roundabout with 3x4m lanes. The outline part of the application will be split into four zones and provide a mixture of houses of between 2-5 bedrooms and apartments of 1-2 bedrooms, with a 1ha allocation ofr a primary school in option 2. The approved application 06/2022/0867 sought amendments to the original application to allow a phased delivery of residential developments.	3.41	19.35	16.90	3.41	5.97	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	c
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0486	524	14no. dwellings with garages, associated landscaping and creation of a new access off Bartle Lane	Tier 1	This application essentially provides the reserved matters details for approved outline permission Ref: 06/2017/1229. The proposal is for 14 detached dwelling, garages and creation of a new access and associated landscaping. The dwellings will be 2-2.5 storeys in height and have 4-5 bedrooms.	3.30	19.20	16.75	3.30	5.80	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1414	525	Hybrid Planning Application comprising of: 1. Full planning application for erection of 26no. dwellings; and 2. Outline planning permission for residential development of up to 429no. dwellings seeking approval for access (all other matters reserved).	Tier 1	The application site forms part of the wider 'The Paddocks' residential development. This application comprises phase three of the development. The full application proposes 42 no. dwellings. These include 2-4 bedroom houses and detached, semi-detached and mews house types. Elevations range from 2-2.5 storeys. The outline application seeks approval for a residential development of up to 480 no. dwellings. Indicative plans indivate house types ranging from 1 to 5-bedroom properties.	3.35	19.44	16.98	3.35	6.04	Under construction	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0688	526	Erection of 22no. dwellings with access from Sandy Lane and 14no. dwellings with access from Maxy House Road 51no. dwellings and associated infrastructure	Tier 1	The application site forms part of the wider 'The Paddocks' residential development. This application is part of phase 1 of the development. Proposed dwelings would be 2-2.5 storeys in height, and both detached and apartment buidings. There would be a range of dwelling sizes from 2-5 bedrooms. These dwellings are to be constructed in two parcels within the wider development. A parcel off Maxy House road will have 14no. dwellings, whilst a parcel off Sandy Lane will have 51no. dwellings. The 22no. dwellings approved in application 06/2018/0688 have been combined with 30no. dwellings approved in the application 06/2016/0367 to create 51no. dwellings, approval for which is contained in application 06/2020/1197. Effectively, application 06/2020/1197 has partly replaced application 06/2018/0688 at the Sandy Lane but not the Maxy House Road parcel. Application 06/2021/0169 applied for permission for two further dwellings in the Sandy Lane parcel, which was approved, to take the total dwellings in the Sandy Lane parcel to 53. The rest of phase 1 of the development is operational.	2.96	20.32	17.82	2.96	6.74	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1421	527	Outline planning permission (including details of access only) for the construction of up to 320 dwellings; a local centre (comprising Use Class E and sui generis floorspace); the provision of public open space and associated recreation facilities; the laying out of roads, cycleways and footpaths (with connections to and from the approved East-West Link Road); construction of drainage infrastructure; hard and soft landscaping; and, other associated works.	Tier 1	The development is likely to deliver the following: A variety of houses, ranging from 2-bed to 4-bed properties; Introduction of an area of public open space with tree planting and SuDS; Area of land for potential secondary school Houses will be 2-2.5 storeys, with maximum ridge height of 10.5m. This application is outline only, with all matters reserved except for access	3.49	20.24	17.78	3.49	6.79	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0966	528	Outline planning application for the erection of a local centre including flexible floorspace (Use Class E), drinking establishments (sui generis), and hot food takeaways (sui generis), medical centre (Class E(e)), public house (sui generis) with hotel accommodation (Class C1), and retirement apartments (Class C2) (all matters reserved)	Tier 1	The application site forms part of the wider 'The Paddocks' residential development. This application is part of phase 2 of the development. This application follows a previously permitted application 06/2016/0291, an outline application for the residential development of 10.28ha of land for up to 230 dwellings, open space and infrastructure. The reserved matters application 06/2017/0366 brought forward these proposals, but the area that this application refers to has been altered by this application. This application seeks approval in principle for amixed use development which could comprise the following use classes: Public house (A4), flexible units, medical centre (D1), retirement apartments (C2) The development is anticipated to be a mixture of 1, 2 and 3 storey buildings.	3.36	20.03	17.57	3.36	6.57	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/0366	529	Reserved matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline permission 06/2016/0291 for 213no. dwellings	Tier 1	The application site forms part of the wider 'The Paddocks' residential development. This application is part of phase 2 of the development. This application follows a previously permitted application 06/2016/0291, an outline application for the residential development of 10.28ha of land for up to 230 dwellings, open space and infrastructure. This seeks detailed approval for 213 residential units. The units will be predominantly 2-2.5 storeys. This application has been amended by the application 06/2020/0966 which seeks to gain permission in principle for a mixed use development within this development area, reducing the total number of houses (though the number is not specified). Further applications 06/2020/1376, 06/2018/1415 and 06/2017/0364 are full applications that total 8 more dwellings in this application site, bringing total dwellings approved to 221.	3.19	20.09	17.61	3.19	6.58	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1384	530	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline planning application 06/2011/0473 for 245no. dwellings. 20no. dwellings with associated landscaping and associated works		This is phase two of the Taylor Wimpey development at Haydock Grange. Outline planning permission was granted for the construction of up to 450 dwellings on the wider Haydock Grange site in July 2013 (app 06/2011/0473, ES is contained in this application). Phase 1 of the development, which is operational, comprises 205 dwellings. During detailed design, the total number planned exceeded the approved 450 in outline, so the full application 06/2017/1385 has been submitted alongside the reserved matters application. Site layout was re-planned in the approved application 06/2019/0585. The dwelling height ranges from 2-3 storeys, and size ranges betwen 1-5 bed dwellings. The total number of dwellings to be built is 265.	3.20	20.17	17.69	3.20	6.66	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1215	531	89-bed care home (Class C2) with access road and car parking	Tier 1	The proposal is for a mostly two storey new build, which will provide the accommodation required for the care home on ground and first floor. Elevations will vary betwen 1 and 2.5 storeys. This application is located immediately to the east of outline planning application 06/2020/1421. This will deliver an 89 bed residential care home,	3.87	20.06	17.63	3.87	6.74	Under construction	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1344	532	Hybrid Planning Application comprising of: 1. Outline planning application for up to 195no. dwellings seeking approval for access from Bartle Lane only (all other matters reserved); and 2. Full planning application for 55no. dwellings (Phase 1)	Tier 1	The application seeks outline planning permission, with all matters reserved except means of access, for up to 195no. residential units, along with detailed planning permission for the first phase of development comprising 56no. residential dwellings. The total area (7.1ha) is divided into three phases. The first phase, containing 56no. dwellings, will contain a mix of 2-5 bed dwellings, between 1-2.5 storeys and it is anticipated the rest of the development area will be similar. he	3.67	19.81	17.37	3.67	6.46	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1260	533	Hybrid application for site re-profiling works (Full application) and the erection of 84no. dwellings and proposed cycle path to provide an alternative route to a section of the Guild Wheel (Outline application) (access applied for only)	Tier 1	application proposes re-profiling works to the site, applied for in full, and the erection of 84no. custom build dwellings and provision of a replacement section of the Guild Wheel applied for in outline with all matters reserved save for access, on land off Lightfoot Green Lane, Fulwood, Preston ('the application site').	4.94	22.10	19.67	4.94	8.72	Withdrawn	No	No	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1226	534	58no. dwellings and associated works	Tier 1	The site currently benefits from an extant outline planning permission under application ref. 06/2018/0728 for up to 58 no. dwellings and creation of a new access from Tabley Lane, which was approved on 11th December 2018. The proposed development includes the construction of up to 58 no. dwellings and associated works. The site has a variety of house types within the development, providing 1-, 2-, 3-, and 4-bedroom homes in a mixture of houses and apartments, up to 3 storeys.	3.90	20.48	18.04	3.90	7.10	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0794	535	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2017/1435 for 175no. dwellings and associated works	Tier 1	The site currently benefits from an extant outline planning permission under application ref. 06/2017/1435 for up to 175 no. dwellings and creation of a new access from Tabley Lane, which was approved on 14th June 2018. The proposed development includes the construction of up to 175no. dwellings with the reserved matters of appearance, landscaping, layout and scale covered within this application. The site has a variety of house types within the development, providing 1-, 2-, 3-, and 4-bedroom homes in a mixture of houses and apartments. These will be up to 3 storeys.	3.95	20.72	18.27	3.95	7.31	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1118	536	Reserved Matters application (appearance, landscaping, layout and scale) for the erection of 130 dwellings, with associated parking, private amenity space and landscaping, pursuant to outline planning permission 06/2019/1275 and the discharge of Conditions 10 and 12.	Tier 1	The Tabley Lane site has outline planning permission for up to 200 new dwellings with construction of new access points off residential roads within the Tabley Green development to the south, alongside landscaping and reservation of land for a primary school. Designs have changed to lead to a reserved matters application for 130 dwellings, with land retained for a school and landscaping measures. These will be 3- and 4-bedroom detached homes. All proposed dwellings will be two storeys in height.	3.98	20.97	18.51	3.98	7.53	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2012/0822	537	Outline planning application for the residential development (Class C3) of 14.2 hectares of land for up to 330no. dwellings, new access junction from Lightfoot Lane, open space areas, landscaping, internal access road, pedestrian and cycle paths and other associated infrastructure	Tier 1	The outline permissions allows for the erection of up to 330 dwellings. Reserved matters applications have been granted for phases 1a, 1b and 2, comprising 261 no. dwellings, which are under construction and 42no. dwellings (phase 3, approved, not yet under construction). all dwellings are to be 2 storeys in height.	3.72	20.70	18.24	3.72	7.24	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1114	538	Demolition of existing buildings and erection of 89no. dwellings, landscaping and associated works with access from Lightfoot Lane	Tier 1	the planning application proposes 89 dwellings. The 89 dwellings include ten house types and these ranging from 1 bedroom to 4 bedroom dwellings. All are 2 storeys in height.	3.62	20.97	18.49	3.62	7.45	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2014/0442	539	Erection of 194no. dwellings with access from Lightfoot Lane, internal access roads, landscaping and new construction access to Tom Benson Way	Tier 1	182 No. Dwellings. This will include detached, semi detached and mews style dwellings with associated car parking, landscaping and public open space. mixed 2, 3, 4 and 5 bedroom houses. Up to 2.5 storeys.	4.18	21.53	19.07	4.18	8.06	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1252	540	53no. dwellings and associated works	Tier 1	Outline planning permission was granted in August 2013 under reference 06/2012/0094. In 2016 Reserved Matters consent was approved for the development of 125 units – reference: 06/2015/0546. Most are now operational, but a small section has been re-planned (this application), to increase the total to 137 units. Dwellings will be 2 storeys in height.	4.71	22.25	19.79	4.71	8.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0443	541	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2017/1432 for 17no. dwellings (access applied for only)	Tier 1	17no. dwellings. 2- 5 bedrooms, 2 storeys.	4.88	20.58	18.18	4.88	7.49	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0167	542	68no. dwellings and associated works	Tier 1	This application replaces the previously approved application 06/2018/0242 for 45no. dwellings on the same site. 2-4 bedroom properties incl. houses and apartments. All properties will be two storeys.	6.76	22.35	19.97	6.76	9.54	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1667	543	38no. new employment units (use class E(g) (Offices)), and retention of part of an existing office building, following demolition of existing commercial buildings on site, alongside the provision of associated refuse storage, cycle storage, landscaped areas and vehicular parking with access taken from Garstang Road	Tier 1	Redevelopment of a previously developed site, currently occupied by barton hall and associated buildings. Development is for 38no. employment units. they are anticipated to be mostly single storey, maximum 2 storey and between 42 and 97 sqm in size each. The site is subject to an additional planning application (both valid, within the same site) for erection of 6 dwellings, up to 1.5 storeys in height.	6.93	22.75	20.37	6.93	9.88	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0644	544	HYBRID application: 1) Full planning application for the erection of 47 no. dwellings with associated works (on site 2.11ha) 2) Outline planning application for 104 no. dwellings and a community building with associated works (on site 9.33ha) (access applied for only and all other matters reserved for subsequent approval) Reserved matters consent application for the erection of 55no. dwellings with associated works pursuant to planning permission 06/2018/0238 (appearance, layout, scale and landscaping applied for)	Tier 1	06/2020/0614 and 06/2019/0752 both sought outline permission on the same land for 151no. dwellings. Permission was granted on appeal for 151 dwellings and a community building. Reserved matters application for 55no. dwellings was granted in 2021. These will up up to 2.5 storeys in height. Full planning permission is sought for 47no. dwellings, all of which will be 2 storeys in height. Outline permission is sought for 104 dwellings + community building, which will likely be 2 storeys in height.	7.39	22.72	20.36	7.39	10.06	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0689	546	Three storey extension to front of existing hotel to provide new entrance/lobby, function room, glazed links and no.50 hotel rooms with external terrace, landscaping and alterations to car park, following the demolition of a detached building	Tier 1	The proposed extension is 3 storeys high with a single storey connecting link, with a footprint of 800m2. Provision of 48 new hotel rooms.	7.89	22.58	20.23	7.89	10.18	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1002	547	Outline planning application seeking approval for access only for residential development up to 125no. dwellings (all other matters reserved) (resubmission of 06/2019/0866)	Tier 1	erection of 125no. dwellings and associated development. Detached and semi-detached properties. This was refused, and then dismissed after appeal.	8.25	22.75	20.42	8.25	10.47	Refused	No	No	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0073	548	Outline planning application for 11no. self-build dwellings seeking approval for access (all other matters reserved)	Tier 1	This application is related to the development at the former Ingol Golf and Squash club, ref 06/2017/0757. That application allocated this as public space. It is proposed to develop this land to provide up to 11no. self-build dwellings, likely up to 2.5 storeys in height.	3.78	21.91	19.39	3.78	8.29	Withdrawn	Yes	Yes	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1022	549	Development of a new UCLAN Student Centre (7,304 sqm) and University Squares (8,440 sqm), with associated landscaping, access and servicing including highways remodelling and following demolition of the properties on St Peter's and the corners of Adelphi Street and Fylde Street.	Tier 1	New student centre. Up to 44m above sea level, 16.5m above ground level, 3-4 storeys.	3.29	23.49	20.91	3.29	9.56	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1489	550	Outline planning application (access, appearance, scale and layout applied for) for the demolition of Foresters Hall and erection of a 30no. storey building comprising 174no. residential apartments, 166no. room hotel and rooftop restaurant/bar with ancillary facilities including residents pool, roof garden, and bicycle storage	Tier 1	Outline Planning Permission is sought for the erection of a single building with a podium. The proposed building fronts Great Shaw Street and Pattern Street and is proposed to be 30 storeys in height. The Proposed Development includes a mix of 1, 2 and 3 bedroomed apartments, as well as duplexes making up 174 residential units. Along with 160 hotel rooms and landscaping is also proposed. The site was previously approved for a 22 storey development (06/2018/0072).	3.52	23.84	21.26	3.52	9.91	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0072	551	Outline planning application seeking approval for access, appearance, scale and layout for a 21 storey building comprising of 299no. studios/apartments with ancillary communal facilities, car and bicycle parking following demolition of the existing building.	Tier 1	erection of a 20-storey building comprising of 301 student accommodation self-contained studio/apartments with ancillary facilities. The application 06/2021/1489 was then submitted to increase the height to 30 storeys, but this was withdrawn.	3.52	23.84	21.26	3.52	9.91	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1319	552	Reserved matters application (access, appearance, landscaping, layout and scale) for demolition of former social club and erection of 4 storey building with basement floor providing 129no. units of student accommodation, pursuant to outline planning permission 06/2018/0614	Tier 1	The proposal is for a development providing accommodation for 142 students in a mix of cluster flats and self-contained studio apartments. The apartments will share communal facilities including a lounge, kitchens and laundry rooms. 4 Storeys in height.	3.14	23.36	20.78	3.14	9.43	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1346	553	9 and 7 storey building comprising of 227no. studios for student accommodation (Sui Generis) associated access, bin stores, substation, servicing and cycle storage following demolition of existing building and structures	Tier 1	The Accommodation Schedule consists of no.227 units providing the following mix: 211 studio apartments and 16 accessible studio apartments. Maximum height will be 9 storeys.	3.64	23.92	21.34	3.64	9.99	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0769	554	Demolition of the existing properties and erection of a part 4, part 5 storey block to provide 14no. self contained flats	Tier 1	The Planning Application is for the creation of 14 Apartments, over 4/5 floors, and will involve the demolition of an existing pair of semi-detached two storey houses. Maximum height of 14 metres, length of 28 metres and width of 9 metres.	3.49	23.84	21.26	3.49	9.91	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Rossendale Borough Council	https://publicaccess.rossendale.gov.uk/online-applications/applicationDetails.do?keyVal=QUDMC4ND04V00&activeTab=summary	555	2021/0357 | Request for EIA Screening Opinion: concerning the erection of a single wind turbine (125m height) and associated works	Tier 1	Erection of a single wind turbine (125m height)	38.40	59.34	56.78	38.40	45.46	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Rossendale Borough Council	https://publicaccess.rossendale.gov.uk/online-applications/applicationDetails.do?keyVal=OZCNBOND00P00&activeTab=summary	556	2017/0569 | Installation of 1 No. wind turbine with a total height of 33.5m	Tier 1	Installation of an Orenda 49kw wind turbine with a tip height of 33.471m to generate electricity	35.51	56.41	53.84	35.51	42.51	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1150	557	Seven to sixteen storey building comprising 200no. apartments (Class C3) and 4no. office units (Class E(g)) at ground floor, associated cycle parking, amenity space and landscaping following demolition of existing building (Part retrospective)	Tier 1	Current permission 06/2019/0924 for 6-15 storey building. Updating this to a 7-16 storey building. The building height would not increase however. Mixture of 1-3 bed apartments.	4.09	24.51	21.93	4.09	10.58	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1378	558	Three storey building to house a youth zone including a 4-court sports hall, performance space, fitness gym, kick-pitch, music room, arts and craft rooms, mentoring kitchen, recreation space with cafe for young people and other activities together with associated administration and support areas, with associated vehicle drop-off, service and disabled parking bays	Tier 1	Construction of a youth zone. Provides a range of activities. Total GIA approximately 2230m2, with additional 1410m2 external facilities. 3 storeys in height.	3.84	24.28	21.70	3.84	10.35	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0310	559	Outline application seeking approval for access and scale for erection of a 11-storey mixed use building comprising of up to 124no. apartments (Use Class C3) and ground floor leisure/retail space (Use Class E/F1/F2) with associated landscaping and parking, following demolition of the existing building (all other matters reserved)	Tier 1	The proposed scheme comprises a ground floor plus 10-storey mixed-use tower block. The existing single storey mixed use retail development would be demolished. Maximum height approximately 33m. The following apartment mix is proposed: 82 x one bed, 37 x two bed, 5 x three bed, 180m2 leisure/retail space + shared facilities including gym and roof garden.	3.88	24.25	21.67	3.88	10.32	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0512	560	Change of use from offices (Class B1(a)) to form 130no. apartments (Class C3) and 2no. ground floor flexible commercial units (Classes A1/A2/B1/B2) including extensions and associated external alterations	Tier 1	Planning approval for 130 apartments, along with flexible commercial space in a 9-storey and 11-storey development. Apartments will range from 1-3 bedrooms. Existing	3.85	24.22	21.63	3.85	10.29	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1589	561	Proposed development (including engineering works) of mixed-use leisure scheme comprising cinema, restaurants, bowling alley, competitive social unit, car parking with associated access, servicing and hard and soft landscaping	Tier 1	Full planning application for the mixed-use redevelopment of land formely an indoor market (has been demolished). 4 storeys in height, including cinema, bowling, social unit, restaurants, car parking and landscaping. Total floor area is 15,639 GEA.	3.78	24.17	21.59	3.78	10.24	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0877	562	Outline planning application for demolition of existing 3no. storey block of flats (Chadderton Court) and erection of 14no. storey building comprising of 44no. residential apartments and 5no. storey building (Crompton Court) comprising 8no. residential apartments seeking approval for access, appearance, scale and layout (all other matters reserved)	Tier 1	demolition of an existing 3no. storey block of flats (Chadderton Court) and erection of a 14no. storey building comprising 44no. residential apartments as well as erection of a 5no. storey building (Compton Court) comprising 8no. residential apartments. These will comprise 1-2 bed flats.	4.16	24.58	22.00	4.16	10.65	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1276	563	1no. new apartment block comprising of 28 apartments with associated external works and landscaping	Tier 1	Erection of a 4-storey building comprising 28 apartments. 1 no. studio apartment, 6 no. one-bedroom apartments and 21 no. two-bedroom apartments.	4.09	24.59	22.01	4.09	10.67	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1118	564	Hybrid planning application for the creation of 2no. retail units (Class A1), associated landscaping and service area (full application), and the creation of standalone commercial unit (Classes A1-A5) (outline application)	Tier 1	The application proposes the erection of two retail units, one of 1,021 square metres gross floorspace, the other of 929 square metres gross floorspace. In addition, the application seeks outline approval for a small commercial unit (pod) to be located on the Stanley Street frontage. Maximum height is approximately 10m.	4.33	24.81	22.23	4.33	10.89	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1084	565	Outline planning application (access, appearance, scale and layout applied for) for the erection of 2no. buildings up to 16no. storeys in height, comprising of retail units at ground floor and 469no. residential apartments, alongside associated vehicular parking, servicing bays, access works and public realm provision (with landscaping a reserved matter)	Tier 1	Demolition of the existing buildings and construciton of secondary access have been approved in previous applications (06/2021/0300, 06/2020/1453)and sitting of storage containers have been refused in 06/2021/1156. The development comprises two blocks, ranging from 3 no. storeys up to a maximum of 16 no. storeys in height. In total, 469 no. apartments are proposed, comprising a mix of one, two and three-bed apartments. Up to three retail units are proposed on the ground floor of the building.	4.09	24.63	22.06	4.09	10.71	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0856	566	4no. blocks ranging from seven to sixteen storeys high, comprising of 294 one and two bedroom residential apartments with basement parking, associated external works and landscaping	Tier 1	The total number of residential apartments is 294 in a mix of 175 one beds and 119 two beds. The building is separated into 4 blocks: - • Block A: 13 Soreys above two storey podium • Block B: 8 storeys above one storey podium • Block C: 7 storeys above one storey podium • Block D - 3-5 storeys above two storey podium	3.75	24.31	21.74	3.75	10.39	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0875	567	Change of use of first floor from Class A1/A3 (retail/cafe) to Class A3 (restuarant), alterations to existing Guildhall Street fire escape to create new primary entrance to the first floor	Tier 1	The proposal is for a change of use from A1/A3 to solely A3 to the first floor only. New plant installation and alterations to the entrance on Guildhall Street to for a new glazed main entrance to the new A3 use at ground floor	3.53	24.07	21.49	3.53	10.15	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0586	568	conversion of upper floors to 30no. apartments, including part two/part three storey extension to increase height of building to six storey	Tier 1	Conversion of upper floors of the existing building and increasing height to 6 storey to provide 30no. apartments.	3.64	24.18	21.60	3.64	10.26	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2016/1240	569	4 storey building comprising of commercial unit at ground floor level and 15no. residential studio units at first, second and third floor levels following demolition of existing 3 storey building	Tier 1	Erection of 4 storey building with commercial and 15no. one bed residential units. Follows demolition of 3 storey building.	3.59	24.15	21.57	3.59	10.23	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0949	570	Change of use of first, second and third floors from storage (Class B8) to 11no. apartments (Class C3) with external alterations including replacement windows, new roof lights, creation of rear balconies and repositioning of existing flue	Tier 1	Change of use of upper floors of 38-42 guildhall street to form 11no. apartments.	3.51	24.06	21.48	3.51	10.14	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0469	571	Change of use from offices and three storey rear extension to provide 25no. apartments	Tier 1	Repair, redevelopment and extension to provide a cafe/restaurant at basement level and 25 apartemnts over 3 floors.	3.47	24.03	21.45	3.47	10.11	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0142	572	Refurbishment and renovation of warehouse building to mixed use, residential and retail building, comprising of A3 restaurant unit at ground floor level and 18no. residential apartments on upper levels, with basement parking and service access	Tier 1	The proposal is to bring the building back into use with 18 residential apartments on the upper levels and 1 A3 unit at ground floor level.	3.52	24.08	21.50	3.52	10.16	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0952	573	Conversion of the Chapel and Tower buildings to residential use (Class C3), erection of 3no apartment blocks and 10no townhouses (total 67no units) with associated landscaping and basement car parking, following the demolition of 5no existing buildings	Tier 1	The proposal is: The retention and conversion of the Chapel and Tower The demolition of less historically significant parts of the site & those in significant disrepair Construction of new townhouses and apartments, up to 6 storeys in height. Creating 67 no. dwellings.	3.27	23.83	21.26	3.27	9.92	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0499	574	Seven storey building comprising 47no. apartments following demolition of existing sports hall	Tier 1	Seven storey building comprising 47no. apartments following demolition of existing sports hall	3.30	23.90	21.33	3.30	9.99	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0127	575	Change of use of office accommodation (Class B1) to 17no. residential apartments (Class C3) and two storey rear extension.	Tier 1	Change of use from B1 to C3(a) with a 2 storey rear extension, external alterations along with proposed car parking and amenity space.	2.87	23.46	20.88	2.87	9.55	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0799	576	Change of use from offices (Class E) to 10no. residential apartments (Class C3) including internal remodelling and three storey extension to side and rear	Tier 1	The proposal would create 10 dwellings of 1 and 2 bed apartments, up to 2 storeys in height.	4.02	23.56	20.98	4.02	9.70	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/0999	577	Demolition of existing building and erection of student accommodation in four to six storeys, comprising 425 self-contained studio apartments with communal facilities including gym, prayer room, lounges and study spaces, 2 roof terraces and a library, ground floor commercial space to provide two units for Class A3/A4 use	Tier 1	Up to six storeys, following demolition of current building. Erection of 425 studio apartments for students, including gym, prayer room, lounges and other associated infrastructure. Includes ground floor commercial space.	3.71	23.71	21.13	3.71	9.80	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2016/0828	578	Erection of 2no. four storey buildings to provide student accommodation with ancillary commercial space at ground floor.	Tier 1	Demolition of existing buildings and redevelopment of hte site to provide 220 studio student apartments and ancillary commercial unit and management suite. Developent comprises two blocks, which will be 4 and 5 storeys in height.	3.65	23.69	21.11	3.65	9.77	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0864	579	Erection of four-storey University building to form part of School of Veterinary Medicine (Class F1(a))	Tier 1	Erection of a four-storey building to form part of UCLan's new School of Veterinary Medicine	3.60	23.67	21.09	3.60	9.75	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0456	580	Erection of single storey modular office building, single storey recycling collection centre building, associated car parking and 6m high CCTV columns	Tier 1	Office with a footprint of 1400m2 along with a recycling centre of footprint approximately 186m2 and associated infrastructure.	3.25	23.15	20.57	3.25	9.24	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1101	581	12no dwellings, associated works and alteration to site access	Tier 1	THE APPLICANT SEEKS PLANNING PERMISSION FOR THE CONSTRUCTION OF 12NO. TWO STOREY DWELLINGS, COMPRISING OF 8no 3 BED AND 4no 2 BED HOUSES.	2.79	22.63	20.05	2.79	8.72	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0800	582	3no. storey mixed use building comprising of plumbers merchant and ancillary office space and warehousing (Sui Generis) and bathroom showroom service counter and sales suite (Class E) following demolition of existing building.	Tier 1	The proposal is to demolish the existing building and replace with a new building on the same footprint as the existing building with an additional storey.	3.04	22.56	19.99	3.04	8.68	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1149	583	Demolition of existing Church and outbuildings and erection of new supported housing building for the supporting living (Class C3(b))	Tier 1	The proposal seeks to create a suppported living development, with 14 individual units for independent living, communal areas, outdoor space and associated infrastructure, 2 storeys in height. This is following the demolition of the existing church.	3.09	22.75	20.17	3.09	8.86	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0386	584	Conversion of existing church to mixed use joint church and community space and 14no. apartments including replacement windows, single storey front and side extensions, disabled ramp, car parking bays, bin and bicycle stores and new access off Havelock Street following demolition of existing extension.	Tier 1	These applications seek full planning approval and listed building consent for the conversion of the existing Emmanuel C of E Church, to provide 14 no. apartments, a multi-purpose community space on the second floor, whilst an area of the church is retained and adapted on the ground floor. No exterior changes in elevation.	3.48	23.25	20.68	3.48	9.35	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0730	585	Four storey building comprising a sixth form education facility (Class F1(a)), with access, parking and landscaping	Tier 1	Construction of a new four storey building with a floor area of 3,000m2, with associated access, parking and landscaping.	4.56	25.08	22.50	4.56	11.16	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1152	586	Erection of a replacement education academy building (mixed Class D1/D2) following demolition of the existing buildings	Tier 1	Erection of a replacement education academy building (mixed Class D1/D2) following demolition of the existing buildings	3.98	24.63	22.05	3.98	10.72	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0116&Id1=20250225122134f12b1e2b687fe2	587	39no. dwellings and 16no. maisonettes with associated infrastructure and vehicle accesses onto Blackpool Road	Tier 1	The proposed development comprises a total of 73 no. in a mix of apartments and houses from one to three bedrooms, and associated infrastructure.	5.73	25.77	23.20	5.73	11.88	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1385	588	44 no. dwellings with associated infrastructure including new access off Cemetery Road	Tier 1	This scheme offers a total of 44 affordable dwellings comprising a mix of 7 x two bedroomed bungalows, 31 x two bed houses, and 6 x three bed houses.	5.23	25.48	22.91	5.23	11.57	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0365	589	13no. dwellings and associated car parking	Tier 1	This proposal seeks to gain planning consent for the erection of 13no. three storey, 3 bedroom semi-detached properties utilising the existing access off Maitland street, Preston	3.25	23.16	20.58	3.25	9.25	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1671	590	Outline application seeking approval for access from Catherine Street, for up to 2671sqm of a mixed use of Industrial Processes (Class E(g)(iii)) and Storage and Distribution (Class B8) (all other matters reserved)	Tier 1	The proposed development will consist of the following elements • 4 distinct blocks of buildings, all designed in a similar style • The 4 blocks are made up of a total of 20 self-contained units, all with mezzanine floors, and all containing washroom facilities. Each unit has direct access to the external service yard.	4.73	25.09	22.51	4.73	11.17	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1174	591	Change of use of vacant wholesale supply unit (B8) to 14 no. flats (C3) with car parking and other associated works.	Tier 1	Change of use of vacant wholesale supply unit (B8) to 14 no. flats (C3) with car parking and other associated works. The footprint of the existing main building is to remain with no additions or extensions.	4.58	24.96	22.38	4.58	11.04	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0940	592	Change of use from storage and distribution (Class B8) to flexible use of storage and distribution (Class B8) or light industrial (Class E(g)(iii)	Tier 1	The proposal seeks to change the use of Unit A at Guild Trading Estate (Class B8) to also include and allow for the assembly, finishing, upholstery, etc. of furniture following off site assembly at the first stages of the build process (Class E).	4.84	25.12	22.54	4.84	11.20	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0676	593	The re-instatement of former railway line, including erection of masts and overhead cables, construction of station platform building, tram shed/storage building, 2.4m high fencing and gates, associated parking, landscaping and hard-surfacing to create a Tramway Pilot Project (pursuant to 06/2016/0208 to seek variation of conditions 4, 5, 6, 7, 8, 10, 11, 12, 13, 16, 17 and 18)	Tier 1	Original application 06/2016/0208. re-instatement of former railway line, including erection of masts and overhead cables, construction of station platform building, tram shed/storage building, 2.4m high fencing and gates, associated parking, landscaping and hard-surfacing to create a Tramway Pilot Project at a section of disused railway line.	4.46	24.73	22.15	4.46	10.81	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0624	594	Change of use from restaurant and flat (Class E & C3) to 13no. apartments (Class C3), partial demolition of single storey addition and extension to rear annexe to construct first floor with pitched roof	Tier 1	Proposal is to convert the existing building in to self-contained residential apartments of various sizes ranging from studio to 1 and 2-bedroom apartments across the site with the rear annexe extended upwards to add a further floor	4.32	24.61	22.03	4.32	10.69	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0200	595	New foodstore (Class A1) following demolition of existing foodstore (Class A1)	Tier 1	Proposal is for development of the site to include a new 1,254m² sales format store (1,798m2 GEA) with associated parking, pedestrian access and landscaping.	5.46	25.36	22.79	5.46	11.48	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1024	596	Construction of mezzanine floor space within existing retail unit for retail (Class A1) and leisure (Class D2)	Tier 1	Planning application for an additional 2,442sqm mezzanine floorspace at Unit A at Deepdale Shopping Park, which would comprise 702sqm retail and 1,740sqm leisure (gym) floorspace.	5.74	25.69	23.11	5.74	11.81	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/1267	597	Variation of condition no.8 from planning permission 06/2015/0789 to allow 15% of the gross floor area of Unit F to be used for food and drink sales	Tier 1	Variation of condition no.8 from planning permission 06/2015/0789 to allow 15% of the gross floor area of Unit F to be used for food and drink sales	5.72	25.55	22.98	5.72	11.68	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0308	598	3-5 storey building comprising of 121no. serviced apartments, with ancillary facilities including roof terrace, bicycle storage and hard and soft landscaping. Change of use, part demolition and external alteration to the Unicorn public house to create 5no. serviced apartments at first floor and communal space at ground floor	Tier 1	3-5 storey building comprising of 121no. serviced apartments, with ancillary facilities including roof terrace, bicycle storage and hard and soft landscaping. Change of use, part demolition and external alteration to the Unicorn public house to create 5no. serviced apartments at first floor and communal space at ground floor	3.83	23.78	21.20	3.83	9.87	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0178	599	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to 06/2018/0055 for 1no. supermarket (Class A1), 6no. commercial units(Class A1/A3), 1no. restaurant / public house (Class A3/A4), 1no. drive-thru restaurant/cafe (Class A3/A5)	Tier 1	Construction of 1no. supermarket (Class A1), 6no. commercial units(Class A1/A3), 1no. restaurant / public house (Class A3/A4), 1no. drive-thru restaurant/cafe (Class A3/A5). Supermarket, drive-thu and commercial units are now operational, the public house is under construction. Buildings are up to 12m in height.	5.23	22.73	20.28	5.23	9.29	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1265	600	Erection of new Chapel/Parish Hall building and 14no residential units (five affordable units and nine apartments for over 55s) with associated car parking and landscaping, following demolition of existing Chapel/Parish Hall building, Guides Hut and bowling green	Tier 1	This application seeks to obtain planning permission to build a single storey stand alone Chapel and Parish Hall, to serve the Broughton St. John Baptist community, and 14 no. affordable dwellings. Dwellings will be 2 storeys in height.	4.80	23.05	20.55	4.80	9.46	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1604	601	Redevelopment of site for residential use, including conversion of the former Harris Conference Centre (to 3 dwellings), Clayton Hall to 9 apartments, Pond House, Yew Tree House, the Lodge and six existing villas (namely; Holly House, Poplars, Chestnuts, Oak House, Glenrosa, and the Laurels), erection of 2no. new build dwellings in the eastern part of site, erection of 14no. new build dwellings in western part of site, following demolition of the former Laundry Room, and former Workshop, including associated vehicular access, parking, and landscaping	Tier 1	This application follows the refused application 06/2020/0222, which sought planning permission for redevelopment of Harris Park. This application consists of conversion of the Chapel, School and Master's House (Harris Conference centre) to 3no. dwellings, Conversion of Clayton hall to 9no. apartments, Conversion of six detached villas for residential use, retention of two existing dwellings for residential use, conversion of gate lodge and Pond house to 2no. dwellings and erection of 19 further dwelings, with associated infrastructure, landscaping and demolition works.	4.43	23.19	20.66	4.43	9.52	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0635	602	1no. two storey dwelling and 2no. part two storey/part three storey buildings comprising 14no. apartments, with new access to Garstang Road, parking and associated works, including engineering operations to raise site ground levels adjacent to Savick Brook	Tier 1	1no. two storey dwelling and 2no. part two storey/part three storey buildings comprising 14no. apartments, with new access to Garstang Road, parking and associated works, including engineering operations to raise site ground levels adjacent to Savick Brook	4.22	23.36	20.80	4.22	9.58	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0825	603	Outline planning application seeking approval for access only for demolition of the existing building and erection of a new apartment block comprising 10no. self-contained units and associated parking, access works and refuse storage (all other matters reserved)	Tier 1	Demolition of existing building and construction of a new apartment block with associated parking, access and other works. Apartment block would be 3 storeys in height.	3.85	22.94	20.38	3.85	9.16	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0860	604	1no. industrial unit for storage and warehousing (Class B8) including formation of a new access and service yard with ancillary car parking	Tier 1	Full planning permission for the construction of a new 50,000sqft (4,691m2) B8 unit for storage an distribution; closing of existing site access and formation of new repositioned site access; service yard and ancillary car parking. Warehouse will be 12m to eaves.	6.43	25.08	22.58	6.43	11.49	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0805	605	Outline planning application seeking approval for access, appearance, layout and scale for mixed-use development comprising of use classes A1, A3 ,A5, B1, B2, B8 and D2 with access off Oliver's Place (all other matters reserved) following demolition of existing building	Tier 1	New mixed-use development, comprising uses within use classes A1, A3 and A5, flexible B uses within B1, B2 and B8 and D2 uses. Maximum height will be 16.5m.	6.44	24.63	22.17	6.44	11.12	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0185	606	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline planning permission 06/2017/0672 for Classes A1-A5 uses comprising 4,298sqm of Class A1 retail warehouse floorspace, 4 no. kiosk units of 93 sqm for use in Classes A1-A5 and associated works	Tier 1	Classes A1-A5 uses comprising 4,298sqm of Class A1 retail warehouse floorspace, 4 no. kiosk units of 93 sqm for use in Classes A1-A5 and associated works.	6.32	24.68	22.20	6.32	11.13	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0941	607	10no. commercial units for a mix use of Commercial, Business and Service (Class E) General industrial (Class B2) and Storage or distribution (Class B8)	Tier 1	This is a resubmission of planning application ref 06/2017/0987. Development consists of erection of 10 no. commercial units for a mix use of (Class E)(Class B2) and (Class B8), with associated landscaping, parking and access.	6.37	24.43	21.97	6.37	10.94	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1065	608	Two storey school, associated car parking, landscaping, sports courts and playing field	Tier 1	Erection of a new 2 storey school building, associated car parking, landscaping, and sports courts and playing field. The proposed two storey school building measures 2,173 sqm (GIFA) and 2,260sqm (GEFA).	4.63	23.91	21.36	4.63	10.12	Operational	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0949	609	Development of a new healthcare facility, including erection of three storey building, with associated access, parking and infrastructure and demolition to group of existing buildings (Part retrospective)	Tier 1	Development of a new healthcare facility, including erection of three storey building, with associated access, parking and infrastructure and demolition to group of existing buildings (Part retrospective)	4.62	23.40	20.87	4.62	9.73	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0263	610	Erection of four storey multi-storey car park (pursuant to 06/2014/0849 to seek variation of condition no's 3 "Travel Plan", 4 "External Materials", 5 "Off-Site Works", 6 "Traffic Management", 7 "Car Parking", 10 "Landscaping" and 12 "Trees")	Tier 1	Erection of a four storey car park.	5.30	23.71	21.21	5.30	10.12	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0715	611	Outline application 2no. apartment blocks (total of 90no. apartments), with parking and access from Sir Tom Finney Way and egress onto Watling Street Road (access, appearance, scale and layout applied for)	Tier 1	This application is a variation of the approved application 06/2019/1340. The proposal is for 90no. apartments, with 46 x 1-bed apartments and 44 x 2-bed apartments, and associated access, landcaping and other infrastructure. The apartments will be delivered in two blocks, each 4 storeys in height.	5.34	24.93	22.36	5.34	11.09	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2016/0585	612	Reserved matters application seeking approval for appearance, landscaping, layout and scale for 12no. dwellings with garages and associated Infrastructure, pursuant to outline permission 06/2014/0588	Tier 1	12no. dwellings, 2 storeys in height, 4-6 bed detached houses.	6.35	25.15	22.64	6.35	11.53	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0119	613	10no. dwellings and associated works	Tier 1	10 5 bed detached dwellings, between 2 and 3 storeys. The proposal includes access, earth works and landscaping.	5.81	24.98	22.45	5.81	11.26	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0679	614	3no. storey building comprising three retail units at ground floor and 9no. residential apartments at first and second floor alongside reconfiguration of existing service yards and pharmacy building and provision of bin and cycle storage areas	Tier 1	3no. storey building comprising three retail units at ground floor and 9no. residential apartments at first and second floor, with associated infrastructure	6.66	25.84	23.31	6.66	12.14	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0135	615	34no. dwellings and associated works	Tier 1	Erection of 34 no. dwellings and associated works. These consist of 24 no. 4 bed dwellings, 4 no 3 bed dwellings and 6 no. 2 bed dwellings. All are 2 storyes.	6.69	25.57	23.06	6.69	11.95	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1029	616	Conversion of 26no. apartments into 13no. dwellings and associated external alterations, new access road, parking and landscaping	Tier 1	The application seeks the change of use of the 26no. apartments to form 13no. two storey dwellings and associated external alterations comprising replacement doors and windows and repairs to brickwork and the roof. Alterations to the highway layout are also proposed	7.20	26.83	24.27	7.20	13.03	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0425	617	1no. two storey building comprising 13 no. self-contained 1-bed apartments, 1 no. carers apartment and residents lounge with associated infrastructure and ancillary facilities	Tier 1	1no. two storey building comprising 13 no. self-contained 1-bed apartments, 1 no. carers apartment and residents lounge with associated infrastructure and ancillary facilities	6.30	26.69	24.11	6.30	12.77	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0986	618	37no. dwellings and associated works with access from Glenluce Drive	Tier 1	37no. dwellings and associated works with access from Glenluce Drive. 29 x 3 bed and 10 x 4 bed houses, primarily 2 storeys in height.	6.81	27.22	24.64	6.81	13.30	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1400	619	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2018/1282 for 139no. dwellings and associated works	Tier 1	The proposed development comprises the erection of 139 no. affordable dwellings and ancillary infrastructure, comprising of 78 houses and 61 apartments. Houses will be 2 storeys and one apartment block will be 3 storeys.	6.68	26.83	24.25	6.68	12.93	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1166	620	Energy Reserve Facility	Tier 1	Full planning application for consent to construct a small scale energy reserve facility and ancillary components, able to generate up to 20 MW of electricity and to store (and release) an additional 6MW of electricity via batteries.	8.18	27.89	25.34	8.18	14.10	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0751	621	2no. portal steel framed buildings forming 6no. industrial units (Classes B1, B2 and B8), including associated infrastructure	Tier 1	This application seeks planning permission for the development of Phase 3 of Site B5, and includes 2no steel framed buildings with brick/profile metal cladding to form 6no units (B25- 33), with associated access road, hardstanding and landscaping.	8.43	27.88	25.35	8.43	14.16	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0574	622	Extension to rear of existing factory	Tier 1	Extension to existing factory, no changes in height. Factory used for wood and other flooring.	8.60	28.12	25.59	8.60	14.39	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0745	623	Outline application for employment area comprising of general industrial (Class B2), warehouse (Class B8) and ancillary business (Class E(g)(i)) uses with access from Roman Way seeking approval for access (all other matters reserved)	Tier 1	An application for Outline Consent is proposed in order to secure the principle of the Class B2, B8 and E(g)(i) uses across the site, prior to securing consent for the proposed layout, scale, appearance and landscaping of the development. Indicative masterplan includes 12 units, from 2,404-13,656 sqm each and 6 ha biodiversity area. Application also uncludes access and other infrastructure.	9.23	28.71	26.19	9.23	15.00	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0004	624	1no. industrial unit (Class B2 and B8) with ancillary office floorspace and associated landscaping and infrastructure	Tier 1	The proposed development includes the construction of a single building, known as "Unit 2", along with associated external works including parking, landscaping and infrastructure. This provides a total of 5,530 m2 floorspace of class B2/B8/E.	7.90	27.28	24.76	7.90	13.57	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0003	625	1no. industrial unit (Class B2 and B8) with ancillary office floorspace and associated landscaping and infrastructure	Tier 1	The proposed development includes the construction of a single building, known as "Unit 6", along with associated external works including parking, landscaping and infrastructure. This provides a total of 2,846 m2 floorspace of Class B2/B8/E.	7.82	27.14	24.62	7.82	13.44	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/0058	626	Reserved Matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline permission 06/2014/0323 for the provision of Class B2 and B8 floorspace with ancillary Class B1 floorspace on Unit 7	Tier 1	Reserved matters (following 06/2014/0323: development of an employment area comprising general industrial (Class B2) and warehouse (Class B8) uses on 17.25 ha of land with access from Bluebell Way) for Unit 7. This includes the construction of a single block, split into five separate units. Total floorspace is 6,447 m2 B2/B8 and 582 m2 B1.	7.87	27.16	24.64	7.87	13.47	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1521	627	1no. industrial unit (Class B2 and B8) with ancillary office floorspace and associated landscaping and infrastructure	Tier 1	The proposed development includes the construction of a single building, known as "Unit 1", along with associated external works including parking, landscaping and infrastructure. This provides a total of 63,897 sqft (5,936.2 sqm) of Class B2 / B8 / Class E floorspace.	8.04	27.33	24.81	8.04	13.64	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0849	628	5no. business units (Class B2) and associated car parking	Tier 1	Proposal to erect a 1,224 sqm Class B2 building (split into five units), with associated access and car parking	8.16	27.57	25.04	8.16	13.86	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1350	629	Reserved matters application for 68no. dwellings (namely layout, scale, landscaping and appearance) pursuant to outline planning permission 06/2016/0258	Tier 1	68no. dwellings.	10.06	29.03	26.55	10.06	15.46	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1110	630	30no. bedroom care facility (Class C2) with associated car park, access and landscaping	Tier 1	30no. bedroom care facility (Class C2) with associated car park, access and landscaping	9.81	28.52	26.06	9.81	15.00	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1109	631	Reserved Matters application (namely scale, appearance, layout and landscaping) for an older person's village for residents aged 55 and over comprising 60no. bedroom care home, 60no. apartments, 20no. bungalows, surgery, associated landscaping and open space pursuant to outline planning permission 06/2017/0676	Tier 1	60no. bedroom care home, 60no. apartments, 20no. bungalows, surgery, associated landscaping and open space	9.61	28.39	25.92	9.61	14.85	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/1049	632	Reserved Matters application (namely scale, appearance, layout and landscaping) for 66no. dwellings and associated infrastructure pursuant to outline planning permission 06/2018/0711	Tier 1	66no. dwellings and associated infrastructure	9.58	28.26	25.79	9.58	14.74	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0925	633	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2016/0719 for 34no. dwellings.	Tier 1	34no. dwellings.	9.60	28.18	25.72	9.60	14.68	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/0174	634	Request for a screening and scoping opinion Pursuant to Regulation 6 and 15 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for a proposed development of an employment park comprising up to 80,000 sqm industrial and/or logistics building(s) (Class B2/B8) and ancillary buildings with associated car parking, service roads and yards, HGV parking, gate houses and infrastructure, following demolition of existing livery buildings	Tier 1	employment park comprising up to 80,000 sqm industrial and/or logistics building(s) (Class B2/B8) and ancillary buildings with associated car parking, service roads and yards, HGV parking, gate houses and infrastructure, following demolition of existing livery buildings	8.06	27.13	24.62	8.06	13.50	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	c
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0365	635	Outline planning application seeking approval for access from Henry Littler Way and Cumeragh Lane for the development of up to 750 dwellings; the redevelopment of the Whittingham and Goosnargh Sports and Social Club and associated outdoor facilities; approximately 1.5 hectares of land reserved for the delivery of a primary school and associated development; redevelopment of the former waste water treatment works for up to three dwellings; landscaping, public open space and other on-site infrastructure (all other matters reserved)	Tier 1	Outline planning application for a residentialled development of up to 750 dwellings; including the redevelopment of the Whittingham & Goosnargh Sports and Social Club, including new club house and car park, retention of bowling green, new football pitch, tennis court, MUGA and event space; approximately 1.5 hectares of land for the delivery of a primary school and associated development; redevelopment of the former waste water treatment works for housing; access from Henry Littler Way and Cumeragh Lane; landscaping, public open space and other on -site infrastructure; with all matters reserved accept for access. Reserved matters applications for parts of this development have been submitted, and parts have begun construction.	9.48	27.07	24.67	9.48	13.82	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0590	636	24no. bungalows for person aged over 55 with associated parking, landscaping and open space with access from Cumeragh Lane	Tier 1	24no. bungalows, parking, landscaping, open space and access.	10.11	27.39	25.01	10.11	14.26	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1303	637	Outline application seeking approval for access for 80no. dwellings with access from Whittingham Lane (all other matters reserved)	Tier 1	80no. dwellings	9.36	26.55	24.16	9.36	13.41	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1302	638	Outline application seeking approval for access for up to 65 dwellings with access from Whittingham Lane (all other matters reserved)	Tier 1	65no. dwellings	9.14	26.27	23.89	9.14	13.14	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1141	639	Outline planning application for up to 140no. dwellings with all matters reserved except for access	Tier 1	140no. dwellings	9.72	26.64	24.26	9.72	13.60	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2020/1136	640	Outline planning application seeking approval for access only for residential development up to 145no. dwellings with access from Whittingham Lane and other associated infrastructure (all other matters reserved) (Resubmission of 06/2018/0867)	Tier 1	145no. dwellings	9.19	26.17	23.78	9.19	13.08	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2016/1039	641	93no. dwellings, access, landscaping and ancillary works	Tier 1	93no. dwellings	9.62	26.44	24.07	9.62	13.42	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0999	642	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2019/0773 for 40no. dwellings	Tier 1	40no. dwellings	9.36	25.94	23.56	9.36	12.99	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0700	643	Two storey distribution centre with associated landscaping, car parking and modified access	Tier 1	New distribution centre for fruit & veg	7.56	24.41	22.02	7.56	11.28	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0166	644	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline planning permission 06/2017/0941 for 98no. dwellings and associated works following demoliton of 126a Whittingham Lane	Tier 1	98no. dwellings and associated works	7.33	24.16	21.77	7.33	11.03	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2017/1104	645	30no. dwellings and conversion of existing building to 8no. apartments	Tier 1	30no. dwellings and conversion of existing building to 8no. apartments	6.17	22.96	20.57	6.17	9.76	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2022/0018	646	44no. dwellings with associated works	Tier 1	44no. dwellings with associated works	6.39	23.21	20.82	6.39	10.01	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0040	647	Reserved matters application (namely appearance, landscaping, layout and scale), pursuant to outline application 06/2017/0097 for 129no. dwellings	Tier 1	129no. dwellings	5.92	22.95	20.54	5.92	9.66	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0030	648	Outline planning application seeking approval for access only for residential development for up to 51no. dwellings with associated works (all other matters reserved)	Tier 1	51no. dwellings	5.88	22.85	20.45	5.88	9.58	Refused	Yes	Yes	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0974	649	Reserved matters application (namely scale, layout, landscaping and appearance) pursuant to outline permission 06/2016/0736 for up to 97no. dwellings.	Tier 1	97no. dwellings	5.60	22.51	20.11	5.60	9.23	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/1230	650	29no. dwellings with associated infrastructure and access off D'urton Lane	Tier 1	29no. dwellings	6.24	23.65	21.23	6.24	10.29	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2019/0908	651	Reserved matters application (namely access, appearance, landscaping, layout and scale) pursuant to outline application 06/2017/0831 for 250no. dwellings	Tier 1	250no. dwellings	6.62	24.38	21.94	6.62	10.96	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2021/1119	652	Erection of 28 dwellings including affordable housing with associated infrastructure and open space.	Tier 1	28no. dwellings	6.44	23.98	21.55	6.44	10.59	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2013/0349	653	Outline application for the redevelopment of 25.9ha of land for mixed use development comprising of residential development of up to 300 dwellings (Class C3), 2.1ha of employment land (Class B1(b); B1(c); B2 and B8), 0.7ha mixed use centre (including Class A1-A5 local shops, services, food and drink; Class B1(b) employment; Class C2/C3 residential care/nursing home; and Class D1 local community facilities), open space provision, landscaping and associated infrastructure, internal roads and footways, access junctions and new link road between Eastway and D'urton Lane	Tier 1	Up to 300no. dwellings, 2.1ha employment land, 0.7ha mixed use centre, open space, landscaping, associated infrastructure and access. Outline permission with many following reserved matters applications. Most are operational, but some residential elements are still being constructed. 06/2020/0941 06/2019/1037 06/2019/0178 06/2018/0055 06/2017/1083 06/2017/0987 06/2015/0986 06/2016/0700	6.09	23.83	21.38	6.09	10.38	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2018/0178	654	23no. dwellings	Tier 1	23no. dwellings	6.59	24.64	22.19	6.59	11.16	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2016/0548	655	Layout and construction of a new cricket ground on land immediately east of the existing club premises, to include extension to existing clubhouse, new car park and practice facilities	Tier 1	New cricket club	5.59	23.34	20.89	5.59	9.87	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?keyVal=Q5USJFNWIEU00&activeTab=summary	656	Application for approval of reserved matters pursuant to planning permission DC/2017/01325 approved 12.12.2018 for the erection of 157 Dwellings (in accordance with maximum number of units set by condition 4 of the Outline Permission) detailing the layout, scale, appearance and landscaping.	Tier 1	157no. Dwellings	9.56	12.49	11.78	9.56	12.38	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?keyVal=PSOAJANWLQH00&activeTab=summary	657	Erection of 30 dwellings, construction of new vehicular access from Fell View and associated works	Tier 1	30no. dwellings	8.62	12.04	11.23	8.62	11.36	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=QX0KJXNWLFF00	658	Proposed 1 megawatt solar array with ancillary equipment, including transformers, battery storage and electrical connection, and upgraded access track.	Tier 1	The proposed development involves installation of a 1MWp ground mounted fixed axis solar array plus battery storage and associated infrastructure	8.38	11.91	11.07	8.38	11.12	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?keyVal=QNAKMNNWH3A00&activeTab=summary	659	Erection of a phased mixed-use development comprising a Class E(a) retail store, car parking and servicing areas, access, landscaping and associated works (Phase I); and a mixed Class E(g), B2 and/or B8 employment development, car parking and external areas, access, landscaping and associated works (Phase II).	Tier 1	new neighbourhood food store with 1256 m2 sales area (1900 m2 gross internal floor area). The development will also provide a free customer car park and recessed loading bay	8.33	11.49	10.72	8.33	11.36	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=QJWCKPNWN4E00	660	Reserved matters consent is sought for appearance, landscaping, layout and scale for 156 dwellings and associated works (Pursuant to outline planning application DC/2017/00821 granted 20.10.20).	Tier 1	156no. dwellings	9.73	12.71	12.00	9.73	12.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/caseDetails.do?caseType=Application&keyVal=OPHLVQNWHHF00	661	HYBRID application comprising (1) Application for full planning application for residential development of 128 dwellings on 4.6ha and (2) Outline planning application for residential development (all matters reserved for subsequent approval other than access) for up to 200 dwellings on 5ha (Amended Plans Received)	Tier 1	128no. dwellings. The 200 dwellings sought in outline has been modified in teh reserved matters application for 156no. dwellings (DC/2020/02331).	9.73	12.71	12.00	9.73	12.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Sefton Council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=QIAH60NWMJA00	662	Construction of a pressure relief column, bollards, perimeter fencing and associated works.	Tier 1	construct a pressure relief column, bollards and perimeter fencing as part of a permanent operational site. The pressure relief column will be 5m high.	10.04	12.84	12.16	10.04	12.80	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RMUCQFETH6R00&activeTab=summary	663	Section 73 application to vary condition no.4 (approved plans) attached to planning permission ref:20/00295/FUL to increase the length of the engineering workshop building	Tier 1	Extension of water treatment works comprising an effluent treatment plant extension, installation of new water storage tanks and erection of associated buildings: erection of screw press building: and erection of new workshop building and extension to existing workshop building	7.20	18.34	16.60	7.20	9.37	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RIAUIQET09U00&activeTab=summary	664	Minor non material amendment to planning permission ref. 20/00127/FULMAJ (Section 73 application to vary condition 3 (approved plans) of planning permission 09/01021/FULMAJ (Shell repair and refurbishment of the grade 2* listed building - Bank Hall, into 12 residential dwellings and associated development comprising of 23 residential dwellings on the former orchard site) to change the appearance of the dwellings in terms of materials and openings and to change the layout of Plots 1, 2 and 3	Tier 1	The shell repair and refurbishment of a Grade II* Listed Building into 12 residential dwellings and associated enabling development comprising 23 residential dwellings on the former orchard site.	7.77	18.93	17.24	7.77	10.10	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=R5CQ13ETMGD00&activeTab=summary	665	Application to discharge condition nos. 5 (levels), 7 (habitat management), 11 (lighting), 12 (surface water drainage scheme), 13 (surface water drainage scheme), 15 (surface water management and pollution prevention), 17 (travel plan), 19 (noise monitoring), 22 (flood evacuation plan) and 31 (odour control) attached to planning permission 21/00317/FULMAJ (Section 73 application to vary conditions nos. 3 (approved plans), 4 (phasing), 5 (cladding materials), 6 (ground levels) and 30 (cold store plant and noise attenuation) attached to planning permission 15/00888/FULMAJ (Erection of buildings, engineering operations and related development, all within the curtilage of the existing Class B2 production complex, to create: larder (finished product), ingredients kitchen, meat kitchen, fridge, combined heat and power plant (CHP), water storage tanks, odour abatement plant comprising wet scrubber and bio bed anaerobic digestion plant, offices and car park, River Douglas embankment repairs and 5m high acoustic fencing within the complex) to alter the design and phasing of the cold store and supply details of facing materials, levels and noise attenuation.)	Tier 1	Erection of buildings, engineering operations and related development, all within the curtilage of the existing Class B2 production complex, to create: • Larder (finished product) • Ingredients Kitchen • Meat Kitchen • Fridge • Combined Heat and Power Plant (CHP) • Water Storage Tanks • Odour Abatement Plant comprising Wet Scrubber and Biobed • Anaerobic Digestion Plant • Offices and Car Park • River Douglas Embankment Repairs • 5m High Acoustic Fencing within the Complex	7.20	18.34	16.60	7.20	9.37	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	c
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QO4CP8ETKO100&activeTab=summary	666	Application to discharge condition nos. 5 (remediation strategy), 6 (employment & skills plan) and 7 (surface water drainage scheme) of planning permission 20/00449/FULMAJ (Demolition of existing building and erection of new packing hall (with administration facilities) and new canopy over service yard)	Tier 1	Demolition of existing buildingand constrcution of new Packing Hall (with Administration Facilities) and new Canopy at Plocks Farm, Bretherton	7.20	18.34	16.60	7.20	9.37	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QEWSMEETI1X00&activeTab=summary	667	Section 73 application to vary condition 4 (approved plans) attached to planning permission 18/00279/FUL (erection of structure to carry service infrastructure and pipe work) to increase the height and width of the previously approved pipe bridge in addition to amendments to the layout and roof design	Tier 1	Elevated structure to support service infrastructure / pipework	7.20	18.34	16.60	7.20	9.37	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PO27CNETI3500&activeTab=summary	668	Erection of industrial building	Tier 1	Proposed new office and industrial unit in place of former Mill building destroyed by fire. (Height of up to 8.1m)	8.90	29.86	27.35	8.90	16.16	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PAJ3AQETLI400&activeTab=summary	669	Erection of buildings and plant comprising gin distillery (retrospective)	Tier 1	Retrospective application for Gin Distillery Use Class B1	8.75	29.30	26.94	8.75	16.09	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=ROFCX6ET09U00&activeTab=summary	670	Consultation from Lancashire County Council regarding an application for Outline Planning Permission (with all matters reserved save for access from the public highway to Development Zones A, B and D (M65 Terminus Roundabout, A49 Wigan Road and Stanifield Lane) and strategic green infrastructure/landscaping) for a mixed-use development including the provision of Employment use (Use Classes B2/B8/E(g)); retail (use Class E(a)); food, drink and drive-through restaurant use (Use Class E(b)/Sui Generis Drive-Through); hotel use (Use Class C1); health, fitness and leisure use (Use Classes E(d)/F(e)/F2(b)); creche/nursery (Class E(f)); car showrooms (Use Class Sui Generis Car Showroom); Residential use (C3) the provision of associated car parking, access, public open space, landscaping and drainage. (Additional documents received)	Tier 1	Application for Outline Planning Permission (with all matters reserved save for access from the public highway to Development Zones A, B and D (M65 Terminus Roundabout, A49 Wigan Road and Stanifield Lane) and strategic green infrastructure/landscaping) for a mixed-use development including the provision of Employment use (Use Classes B2/B8/E(g)); retail (use Class E(a)); food, drink and drive-through restaurant use (Use Class E(b)/Sui Generis Drive-Through); hotel use (Use Class C1); health, fitness and leisure use (Use Classes E(d)/F(e)/F2(b)); creche/nursery (Class E(f)); car showrooms (Use Class Sui Generis Car Showroom); Residential use (C3) the provision of associated car parking, access, public open space, landscaping and drainage.	6.45	26.38	24.09	6.45	13.56	No Objections	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RLX0Q9ETIO900&activeTab=summary	671	Application to discharge condition no.8 (boundary details) attached to planning permission ref: 20/00377/FULMAJ (Erection of 115 dwellings with associated parking, landscaping, drainage, pump station, layout of roads and footways and other associated works)	Tier 1	Full planning permission for 115 dwellings, together with associated parking, landscaping, drainage, pump station, the layout of roads and footways and other associated works	6.69	27.02	24.68	6.69	13.96	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RKZ467ET09U00&activeTab=summary	672	Permission in principle application for a minimum of six dwellings and a maximum of nine dwellings	Tier 1	Permission in Principle for a minimum of six dwellings and a maximum of nine dwellings.	6.66	26.62	24.33	6.66	13.79	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RJ6SKZETM1100&activeTab=summary	673	Erection of a coffee shop with drive thru facility and associated works	Tier 1	Erection of 1 no. coffee drive thru unit (Class E (A) Use) and associated works	7.82	28.36	25.99	7.82	15.15	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RDQHZ2ETFJ200&activeTab=summary	674	Erection of 103no. market and affordable dwellings with associated pumping station, access and open space following demolition of the existing buildings	Tier 1	Full planning application for 103 market and affordable dwellings with associated pumping station, access and open space.	6.65	26.83	24.51	6.65	13.86	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RCDTX2ET09U00&activeTab=summary	675	Erection of 70no. market and affordable dwellings with associated access, pumping station and open space following demolition of the existing buildings	Tier 1	Full planning permission for 70 market and affordable dwellings with associated access, pumping station and open space	6.65	26.83	24.51	6.65	13.86	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=R8W0APET05P00&activeTab=summary	676	Application to discharge conditions nos.11 (drainage management plan), 17 (site access and the off-site works of highway improvement completion) and 18 (site access construction details) attached to planning permission ref: 20/00725/CB3MAJ (Section 73 application to vary condition 18 (site access construction) attached to planning permission 20/00124/CB3MAJ (Section 73 application to vary conditions 3 (approved plans), 4 (materials) and 5 (parking layout) attached to planning permission 17/00954/FULMAJ (Erection of part three storey, part two storey, part single storey GP surgery, pharmacy and community cafe with associated car parking, access and landscaping following demolition of existing building)) to alter the timing for the construction of the site access)	Tier 1	Proposed Part Single, Part Three Storey GP Surgery, Pharmacy and Community Space with Associated Car Parking, Access and External Works/ Landscaping following Demolition of Existing Building	9.06	29.13	26.85	9.06	16.28	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=R227E8ETL8W00&activeTab=summary	677	Application to discharge conditions nos. 7 (replacement tree planting) and 15 (SAP assessment) attached to planning permission 16/00884/FUL - Redevelopment of site to create 6 two bedroom houses together with additions of residents parking, private drives and boundary treatment	Tier 1	Redevelopment of site to create 6 two bedroom houses together with additions of residents parking, private drives and boundary treatment on Land north of 73 Daisy Meadow.	7.52	28.25	25.84	7.52	14.88	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QNCKR4ETLVT00&activeTab=summary	678	Application to partially discharge condition no.13 (SAP assessment) attached to planning permission 14/00951/OUTMAJ (Erection of 220 dwellings with associated open space and landscaping, with all matters reserved except for access)	Tier 1	Residential development including: - Up to 220 new dwellings - Recreational facilities - Highway improvements - Enhanced cycleways/footpaths to Cuerden Valley Country Park - Wildlife and ecological enhancements Application includes DAS, Ecological Appraisal, Arboriculture Assessment, Travel Plan, TA, Air Quality Assessment, Noise Assessment, Phase 1 site investigation report, FRA...	6.47	26.69	24.36	6.47	13.70	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=Q21WP7ETK8J00&activeTab=summary	679	Residential development comprising 6no. dwellings including demolition of existing garden outbuildings and garage	Tier 1	Residential development for 7no. dwellings including demolition of existing garden outbuildings and garage	7.36	28.06	25.66	7.36	14.71	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PUS4HBET0AL00&activeTab=summary	680	Minor non-material amendment to reserved matters applications 14/00867/REM (Reserved matters application pursuant to outline planning permission 13/00803/OUTMAJ for substitution of house types on Plots 2 and 3 approved under reserved matters approval 14/00541/REM) and 14/00541/REM (Reserved matters application pursuant to outline planning permission 13/00803/OUTMAJ for substitution of house types on Plots 1, 2 and 3 including separate access to Woodcocks Farm approved under reserved matters approval 13/00822/REMMAJ) involving alterations to the driveways to plots 1, 2 and 3; the provision of detached double garage to plot 1 and alterations to the integral garage of plot 1 to facilitate it being used as living accommodation.	Tier 1	Residential development - up to 160 dwellings and associated open space.	6.64	26.76	24.44	6.64	13.83	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PUP0L7ETMT500&activeTab=summary	681	Application to discharge condition 16 (drainage management and maintenance plan) of planning permission ref: 17/00016/FULMAJ (Erection of 13no. houses and garages including associated infrastructure)	Tier 1	Erection of 13no houses and garages including associated infrastructure	8.84	29.09	26.78	8.84	16.11	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PNHU17ETHW000&activeTab=summary	682	Application to discharge condition 19 (as-built dwelling emission rate) attached to planning permission 16/00374/FULMAJ - Erection of 33 dwellings including associated garages and infrastructure.	Tier 1	Erection of 33 dwellings including associated garages and infrastructure	8.96	29.23	26.92	8.96	16.24	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PIGCPGETIAA00&activeTab=summary	683	Application to discharge conditions 21 (off-site highway works) and 22 (timescale for implementation of off-site highway works) attached to planning permission 18/00420/FULMAJ - Section 73 application to vary conditions 3, 4, 14, 16, 19, 20, 25 and 26 attached to planning approval 17/00464/FULMAJ	Tier 1	Erection of a Class A1 retail store and a freestanding block of Retirement Living housing (Category II type accommodation), car parking and servicing areas, access, landscaping and associated works, including relocation of sub-station, following the demolition of all existing buildings and structures.	8.23	28.78	26.41	8.23	15.57	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PFYVJTET09U00&activeTab=summary	684	Erection of 87no. dwellings on land to the south of Nell Lane | Land Adjoining Cuerden Residential Park Nell Lane Cuerden	Tier 1	Erection of 87no. dwellings on land to the south of Nell Lane	6.66	27.01	24.66	6.66	13.93	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=P340QTET05P00&activeTab=summary	685	Minor non-material amendment to housing development approved under reference 14/01003/REMMAJ involving an increase in the height of the security fencing from 2.1m high to 2.4m high along the boundary of the site to the west of plots 125 - 130.	Tier 1	erection of 154 dwellings	6.64	26.76	24.44	6.64	13.83	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QLSV2VET09U00&activeTab=summary	686	Outline application for the construction of sports pitches and multi use games areas (with all matters reserved)	Tier 1	Proposed sports pitches (2.8 hectares) and associated car parking and landscaping	8.46	21.80	20.10	8.46	12.32	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QLSV2ZET09U00&activeTab=summary	687	Outline application for the erection of a building comprising community facilities and a building to provide changing facilities with associated car parking and landscaping (all matters reserved)	Tier 1	Proposed community building and changing rooms and associated car parking and landscaping 90.3ha)	8.46	21.80	20.10	8.46	12.32	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=P5A0GXET05P00&activeTab=summary	688	Instalment of a new 11,000 volt overhead electric line	Tier 1	Installation of overhead lines	9.76	21.38	19.86	9.76	12.91	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RMSI0TETH6I00&activeTab=summary	689	Application to discharge conditions nos.14 (scheme for the disposal of foul waters), 15 (surface water sustainable drainage strategy) and 16 (surface water and pollution prevention) attached to planning permission ref:20/01193/OUTMAJ (Outline planning application (with all matters reserved) for the development of land off Parr Lane, Eccleston for up to 34 dwellings and associated infrastructure (including 35% affordable housing))	Tier 1	The development of land off Parr Lane, Eccleston for up to 34 dwellings and associated infrastructure.	10.22	25.89	24.13	10.22	15.61	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RENTY9ETJ4M00&activeTab=summary	690	Reserved matters application detailing appearance, landscaping, layout and scale, pursuant to outline planning permission 20/01331/OUTMAJ (outline planning application for the construction of up to 80 dwellings with all matters reserved aside from vehicular access from Doctors Lane. The development includes public open space, structural greenspace and surface water attenuation ponds) (Appeal ref: APP/D2320/W/21/3272310).	Tier 1	The construction of up to 80 dwellings with all matters reserved aside from vehicular access from Doctors Lane. The development includes public open space, structural greenspace and surface water attenuation ponds	10.17	25.03	23.33	10.17	15.15	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=REHUQ9ET05P00&activeTab=summary	691	Permission in principle application for the demolition of the existing glasshouses and the erection of up to five dwellings	Tier 1	Stage 1 Permission in Principle application for the erection of up to 5 no. dwellings.	8.72	25.00	23.12	8.72	14.26	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=R9XGM1ETKEL00&activeTab=summary	692	Outline application for the erection of up to 15no. dwellings with all matters reserved save for access from Tincklers Lane (resubmission of 20/01085/OUTMAJ)	Tier 1	Proposed residential development of up to 15no. dwellings.	9.86	24.96	23.23	9.86	14.92	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PE8FALETMNL00&activeTab=summary	693	Outline application for the erection of 9no. dwellings (with all matters reserved save for access)	Tier 1	Proposed residential development of 9no. Dwellings	10.11	31.05	28.51	10.11	17.24	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QYCKOXET05P00&activeTab=summary	694	Hybrid planning application seeking: Outline planning permission (with all matters reserved except for means of access, parking and landscaping) for a new prison (up to 74,531.71 sqm GEA) (Class C2A) within a secure perimeter fence following demolition of existing buildings and structures and together with associated engineering works; Outline planning permission for a replacement boiler house (with all matters reserved except for access); and Full planning permission for a replacement bowling green and club house (Class F2(c)) on land adjacent to HMP Garth and HMP Wymott, Leyland	Tier 1	New prison (up to 74,531.71sqm GEA), secure perimeter fence, replacement boilder house and bowling green and club house. EIA Screening request submitted for prison and associated uses - 21/00968/SCE	6.23	22.49	20.50	6.23	11.41	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RKMRYGETI1C00&activeTab=summary	695	Outline planning application for the construction of up to 250no. dwellings and associated infrastructure (including 30% affordable housing) with all matters reserved aside from the access from Town Lane (resubmission of application ref. 20/01347/OUTMAJ)	Tier 1	OUTLINE PLANNING APPLICATION FOR A RESIDENTIAL DEVELOPMENT OF UP TO 250 DWELLINGS AND ASSOCIATED INFRASTRUCTURE (INCLUDING 30% AFFORDABLE HOUSING) WITH ALL MATTERS RESERVED ASIDE FROM THE VEHICULAR ACCESS ONTO TOWN LANE (RESUBMISSION OF PLANNING APPLICATION REFERENCE 20/01347/OUTMAJ)	10.60	30.55	28.30	10.60	17.80	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QUR5WOETMP100&activeTab=summary	696	Section 73 application to vary condition nos. 7, 8, 9, and 10 (code for sustainable homes) attached to planning permission 12/01134/OUTMAJ (Outline application for means of access for up to 85 new dwellings. All other matters reserved.)	Tier 1	Outline application for means of access for up to 85 new dwellings. All other matters reserved. 12/01134/OUTMAJ - Outline App 16/00808/REMMAJ - Reserved Matters 21/00751/OUTMAJ - Section 73 App	9.46	29.63	27.33	9.46	16.71	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QRWS1SET0AL00&activeTab=summary	697	Minor non material amendment to planning permission 20/00483/FUL (Erection of 6no. detached houses with associated infrastructure following demolition of existing buildings) to alter the elevational treatment details to all dwellings and to add a single storey rear element to the dwelling at plot 1 and to widen the associated garage	Tier 1	Erection of 6 no. detached houses with associated infrastructure after demolition of industrial buildings	9.04	28.98	26.72	9.04	16.21	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RI5R94ETGZL00&activeTab=summary	698	Outline application for erection of 11no. self-build / custom-build houses and associated development (with all matters reserved save for access)	Tier 1	Erection of11 self-build / custom-build houses and associated development.	10.10	27.70	25.75	10.10	16.37	Refused	Yes	Yes	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RFDRBJETHKL00&activeTab=summary	699	Reserved matters application (appearance, landscaping, layout and scale) for a phased development comprising the erection of 18no. dwellings and associated infrastructure pursuant to outline planning permission ref: 19/00654/OUTMAJ / appeal ref: APP/D2320/W/20/3247136.	Tier 1	Outline Application - 19/00654/OUTMAJ - The erection of up to 180 dwellings including 30% affordable housing, with public open spce, structural planting and landscaping, surface water flood mitigation and attenuation and vehicular access points from School Lane. Reserved Matters - Reserved matters application (appearance, landscaping. layout and scale) for the erection of 18no. dwellings and associated infrastructure	9.57	28.03	25.97	9.57	16.18	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=R4KY2VETKXR00&activeTab=summary	700	Erection of 108no. dwellings (Use Class C3) with associated access, landscaping, parking and other works following demolition of existing building	Tier 1	Full planning application for the demolition of existing building and the erection of 118 no. dwellings (Use Class C3) with associated access, landscaping, parking and other works	9.82	28.76	26.65	9.82	16.64	Permitted	N/A	N/A	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QTEHT1ET05P00&activeTab=summary	701	Reserved matters application (appearance, landscaping, layout, and scale) for the erection of 131no. dwellings and associated infrastructure pursuant to outline planning permission ref: 19/00654/OUTMAJ / appeal ref: APP/D2320/W/20/3247136	Tier 1	The outline approval was granted for a total of up to 180 dwellings; this reserved matters submission is for 132 new dwellings together with 18 self-build housing plots and as such, the number of dwellings proposed accords with the outline approval.	9.57	28.03	25.97	9.57	16.18	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=QITM0SETL0A00&activeTab=summary	702	Erection of 80no. dwellings, including houses and apartments (including 30% affordable) with associated infrastructure and school pick-up/drop-off car park	Tier 1	Erection of 80 dwellings (including 30% affordable) with associated infrastructure	8.87	27.91	25.76	8.87	15.69	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PQ0HXHETH0G00&activeTab=summary	703	Erection of 36no. affordable dwellings with associated parking, landscaping, drainage, layout and other associated works	Tier 1	Full planning permission for 24 dwellings, together with associated parking, landscaping, drainage, the layout of a road and footways and other associated works	9.27	27.36	25.33	9.27	15.71	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PMZBCWETHQH00&activeTab=summary	704	Reserved matters application for the erection of 128no. residential dwellings (including 12 affordable dwellings) and associated landscape and highway works (pursuant to outline planning permission ref: 14/00927/OUTMAJ).	Tier 1	Reserved matters application for the erection of 128 no. residential dwellings (including 7 affordable dwellings) and associated landscape and highway works (Pursuant to outline permission ref: 14/00927/OUTMAJ	8.87	27.74	25.61	8.87	15.62	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=PJJ8PIETLFL00&activeTab=summary	705	Section 73 application to remove condition no.24 (street construction details) attached to planning permission 15/00162/OUTMAJ (Outline application for a self-build residential development comprising up to 8 detached dwellings with all matters reserved save for access)	Tier 1	development comprising up to 8 detached dwellings	10.09	27.56	25.62	10.09	16.30	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=P5N8PPETLJI00&activeTab=summary	706	Reserved matters application for the erection of 125 no. residential dwellings (including 60 affordable dwellings) and associated landscape and highway works (pursuant to outline permission ref: 14/00927/OUTMAJ). (Resubmission of 17/00767/REMMAJ).	Tier 1	Reserved Matters Application for the erection of 5 residential dwellings and associated landscape and highway works.	8.93	27.74	25.62	8.93	15.66	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=RM4FERETIOV00&activeTab=summary	707	Construction of 3G synthetic grass pitch in place of existing grass pitch with fencing, erection of extension to pavilion and highway junction improvements	Tier 1	Pavilion Extension, Highway Junction Improvements, and Stadium Artificial Grass Pitch Development with Fencing	7.91	26.16	24.08	7.91	14.34	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_65426	708	Erection of part 4, 5, 6 & 7 storey building comprising of 63 self-contained permanent flats with associated cycle/waste storage, landscaping and provision of 66 car parking spaces with access from New South Promenade and Wimbourne Place, following demolition of existing hotels.	Tier 1	1 building up to 7 storeys in height providing 58 2-bed apartments, 4 3-bed apartments and 1 4-bed apartment. With associated parking, landscaping and access.	0.97	1.44	0.97	2.24	13.07	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65625	709	Erection of 52 no. dwellings with associated infrastructure, public open space, landscaping and vehicular access from Moss House Road.	Tier 1	Erection of 52 no. dwellings with associated infrastructure, public open space, landscaping and vehicular access	1.15	3.60	1.43	1.15	10.25	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_64272	710	Erection of single-storey building to provide changing facilities and social room for use in conjunction with sports pitches; provision of 3G sports pitch; provision of grass pitch; provision of training area; reconfiguration and extension to existing car park; provision of associated hard-standing, fencing and landscaping; improvement works to the access from Common Edge Road/Queensway including the creation of a new footway and cycleway.	Tier 1	1 changing/sports room, sports pitches, car park extension, landscaping and associated infrastructure. Part of the Blackpool Airport Enterprise Zone	0.08	3.08	0.66	0.08	10.48	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	c
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63609	711	Erection of a building and material storage bays; formation of bund along the eastern, southern and part of the western boundary; siting of concrete batching plant including silos, mobile crushing plant ; and use of site for storage of vehicles, storage and concrete production, storage of inert soil and aggregates within Use Class B2, with associated access, landscaping, parking and ancillary facilities (retrospective application).	Tier 1	Erection of an industrial building, vehicle and concrete storage with associated landscaping, access and parking.	0.46	2.61	0.46	0.66	11.07	Withdrawn	No	No	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_63257&activeTab=summary	712	Erection of industrial building with associated parking, landscaping, servicing, substation with new vehicular access from Amy Johnson Way.	Tier 1	Erection of a B2 industrial building with associated landscaping, service yard, parking and access.	0.24	2.69	0.29	0.24	10.87	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63125	713	Erection of an industrial building (use class B2) with associated vehicle access and parking.	Tier 1	Erection of a B1/B2/B8 industrial building, associated parking and access.	0.22	2.75	0.35	0.22	10.81	Operational	Yes	Yes	a	a	a	a	a	a	g	a	a	d	a
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_62812	714	Erection of two blocks to provide 12 industrial units, with associated car parking, cycle parking and bin storage	Tier 1	Erection of 2x single storey buildings to provide 12 units with associated parking, landscaping.	0.01	2.43	0.01	0.06	11.13	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_62653&activeTab=summary	715	Erection of 12 detached bungalows with access from Midgeland Road and associated public open space and private garages.	Tier 1	12no. bungalows with assocciated access, landscaping and garages.	1.41	3.79	1.67	1.41	10.19	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=details&keyVal=_BLCKP_DCAPR_65342	716	Erection of 14 detached dwelling houses with access from Moss House Road (Reserved Matters application to agree details of appearance and landscaping following grant of outline permission ref. 18/0410)	Tier 1	14no. dwellings with associated landscaping and access.	1.20	3.60	1.44	1.20	10.28	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_61225	717	Erection of residential development comprising 422 dwellings (2 and 3 storey apartments and houses), with associated parking, village green/play area, water features and shop and formation of vehicular access to Progress Way (Reserved matters application)	Tier 1	422 no. dwellings, with associated parking, landscaping, shop and access. (Mixture of 2 and 3 storeys apartments and houses). Further amendments include addition of substation and pumping station. Phase 1 (to the south of moss house road) is operational, phase 2 (north of moss house road) is under construction.	1.12	3.34	1.21	1.12	10.51	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=details&keyVal=_BLCKP_DCAPR_65993	718	Erection of 2, two storey buildings for use as light industrial/storage and offices within Use Class B8 and E g) with associated parking, landscaping and access (Outline application for access, landscaping, layout and scale).	Tier 1	Development of two buildings comprising 16 units - each unit with a warehouse, staff room and supporting infrastrucutre. This includes access and car parking.	0.00	2.48	0.11	0.00	11.07	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=details&keyVal=_BLCKP_DCAPR_65892	719	Outline planning application with all matters reserved for: Reconfiguration of Common Edge Road to create a new point of access into the Enterprise Zone and provision of new spine road from this access point to Amy Johnson Way; Erection of up to 35,000sqm of business, industrial and storage and warehousing uses (Classes E(g), B2 and B8); Erection of up to 275sqm retail floorspace (Class E(a)); Erection of up to 275sqm cafe floorspace (Class E(b)); Highways works including reconfiguration of the junction of Common Edge Road and School Road; Associated infrastructure including drainage works, electric vehicle charging hub, substations, car parking and landscaping; Demolition of a single storey building at Collins Park and no. 2 School Road.	Tier 1	Mixed use development, phase 1 of the Blackpool Enterprise Zone. This comprises: Road infrastructure and highways improvements New access road Cafe, retail unit, nursery alongside wider approval for employment floor space (8.97ha area) Associated infrastructure including drainage, landscaping, car parking and substation.	0.32	3.07	0.68	0.32	10.51	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	c	c	e
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63046	720	Erection of up to 19 retirement bungalows and an associated community building with car parking and landscaping.	Tier 1	19no. bungalows, community building with associated parking and landscaping.	0.71	3.97	1.58	0.71	9.65	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66134	721	Erection of 19 shipping containers (part single and part two storey) and use of the land as food and drink venue comprising outdoor seating areas, roof terraces and canopy, external glazed balcony to upper floor, a stage and refuse store, with associated landscaping and bollards.	Tier 1	19no. units for food and drink sale use, with associated outdoor seating and landscaping.	1.90	2.37	1.90	2.85	13.13	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_64056&activeTab=summary	722	Erection of a four storey extension to the hotel to form an additional 74 bedrooms; single storey rear extension, plantroom on the roof and additional parking spaces to the rear, with new access/ egress to the car park.	Tier 1	4-storey extension to existing hotel, providing 74no. additional bedrooms with associated infrastructure.	0.90	1.36	0.90	2.21	13.09	Operational	Yes	Yes	a	d	a	a	a	a	g	a	d	d	a
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65795	723	Erection of part 4, 5 & 6 storey building comprising of 40 self-contained apartments with associated cycle/waste storage, and provision of 45 car parking spaces with access from Harrowside West, following demolition of existing hotel (Outline application for access, appearance, layout and scale).	Tier 1	Erection of building up to 6 storeys in height 40 apartments with associated parking, waste storage, access.	0.80	1.27	0.80	2.16	13.08	Permitted	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65805	724	Erection of part a 4, 5 & 6 storey building comprising 49 self-contained permanent apartments with associated cycle/waste storage, and provision of 49 car parking spaces with access from New South Promenade following demolition of existing buildings (Outline application for access, appearance, layout and scale).	Tier 1	Erection of building up to 6 storeys in height, 49 apartments with associated parking, waste storage, access.	1.08	1.51	1.08	2.34	13.13	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_65832&activeTab=summary	725	Erection of a drive-thru restaurant with associated landscaping and access.	Tier 1	Erection of a drive-thru restaurant with associated landscaping and access.	2.31	4.06	2.31	2.54	10.79	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65667	726	Erection of 11 single private dwelling houses with associated parking and landscaping and access from Cherry Tree Road following demolition of 74 Cherry Tree Road.	Tier 1	Erection of 11 no. dwellings with associated parking and landscaping and access	2.79	4.57	2.79	2.89	10.53	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_63022&activeTab=summary	727	Erection of residential development comprising 75 dwellings (56 houses & 19 flats) in two and three storeys, with associated landscaping, public realm and highway works.	Tier 1	Erection of 75 dwellings (56 houses, 19 flats) with a mixture of 2 and 3 storeys, with associated landscaping, highway works and parking.	2.71	5.65	3.54	2.71	8.89	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_64229&activeTab=summary	728	Erection of 2 three-storey blocks to provide 18 affordable self-contained permanent flats with associated access, parking and landscaping.	Tier 1	Erection of 2 three-storey blocks to provide 18 affordable self-contained permanent flats with associated access, parking and landscaping.	3.59	4.70	3.59	4.21	12.32	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63585	729	Relocation of existing antennae pole and increase in height to 20 metres with associated cabinets	Tier 1	Increasing height of antennae pole to 20 metres.	2.96	4.31	2.96	3.53	11.74	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63101	730	Erection of two storey school hall, main entrance, filling in courtyard and associated works following demolition of existing school hall and kitchen building.	Tier 1	Construction of new hall with associated works follwoing demolition of existing buildings.	3.56	4.77	3.56	4.16	12.10	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66493	731	Provision of 1no. full size 11 a-side artificial grass pitch and 1no. 5 a-side artificial grass pitch with associated floodlighting, erection of a single storey changing pavilion and storage building, vehicular access off Seasiders Way, parking, public realm, landscaping and associated works following demolition of an industrial building off Field Street.	Tier 1	Provision of two football pitches, clubhouse, storage building with associated access, landscaping and public works. This follows the previous application 21/0379 which aso sought construction of football pitches and clubhouse in the same location but a different arrangement.	3.04	3.79	3.04	3.79	12.94	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66068	732	Erection of 64 two and three storey dwelling houses and a three storey block of 3 self-contained apartments (affordable housing) with associated access, highway works, car parking and landscaping.	Tier 1	Erection of 64no. houses (2 and 3 storeys in height) and 1 block of 3 apartments (3 storeys in height) with associated access, landscaping and highway works. This comprises phase 3 of the wider Foxhall Village development This is an amendment to the previously approved 19/0103 to change the layout from 59no. dwellings and 15no. apartments.	3.33	3.90	3.33	4.11	13.34	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66000	733	Non material amendment of planning permission 13/0447 comprising the inclusion of a condition in the Decision Notice relating to the approved drawings.	Tier 1	This application relates to the original reserved matters application 13/0447 (Foxhall Village Phase 1), for the development of 218 dwellings and associated infrastructure. Of these, 197 have been built, with 21 either partially built or not yet under construction.	3.13	3.90	3.13	3.87	12.94	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_62934	734	Erection of part four, part five-storey hotel to provide 104 guest bedrooms an ancillary cafe/restaurant unit at ground floor level and parking to the rear with vehicular access taken from Commercial Street following clearance of the site.	Tier 1	The proposal is for the demolition of the former commercial garage building in the south eastern part of the site and the construction of a new, five-storey hotel building with ground floor café/restaurant uses, with 104 bedrooms and associated parking and landscaping.	2.38	2.88	2.38	3.24	13.18	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_61619	735	Erection of a four/ five storey building with a raised rotunda at the northern end of the site to provide a bar, restaurant and hotel reception incorporating a cafe at ground floor level with hotel accommodation above comprising 119 en-suite bedrooms, with associated car parking and servicing arrangements, following demolition of the existing buildings	Tier 1	Outline Planning Application for a five-storey hotel comprising of ground floor A3 and A4 uses, a hotel reception and ancillary facilities associated with the use of the building.	3.62	4.15	3.62	4.40	13.52	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66148	736	Refurbishment of Artificial Grass Pitch to include 3G football turf, replacement 4.5m high ball stop fencing with entrance gates to form an enclosure around perimeter, provision of maintenance equipment storage container within fenced enclosure, 6no replacement 15.0m high floodlight masts with LED floodlights, installation of hard-standing, portable goals storage, and vehicular access.	Tier 1	Refurbishment of football pitch, replacement 15m high floodlights and associated infrastructure.	3.62	4.96	3.62	4.14	11.73	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65537	737	Erection of single storey building to form big cat house, provision of 5.3m high security fencing to create enlarged enclosure, following part demolition of existing building and fencing.	Tier 1	Demolition of exisitng building and provision of new, larger building to house big cats.	4.38	5.91	4.38	4.62	11.05	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65393	738	Erection of a storage and distribution building (Use Class B8) with associated works, including an access road, provision of 25 HGV & 55 car parking spaces, operational hardstanding, landscaping and drainage.	Tier 1	Erection of 1800m2 B8 storage and distribution and accompanying site works, including vehicle hardstanding areas and landscaping.	2.26	4.35	2.43	2.26	10.14	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_63720&activeTab=summary	739	Erection of 90 x two storey detached, semi-detached and terraced dwellings with associated car parking, garages, boundary treatment, landscaping, including attenuation basin, and highway works.	Tier 1	90no. dwellings (2 storeys in height) with associated parking, landscaping and highways works. This land had previous consent for employment development (ref 15/0420), with the adjacent land approved for residential development (operational). this application is an amendment to the previous application to change the nature of development to residential	3.39	5.73	3.81	3.39	9.44	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_64461&activeTab=summary	740	Hybrid Application comprising: (a) Outline Application with all matters reserved for the erection of a detached building up to 7 storeys in height to provide offices (Use Class E(g)) and medical centre (Use Class E(e)) with associated surface level car park, infastructure and public realm works following demolition of existing buildings and partial demolition of the locally-listed The Hop public house. (b) Full Planning Application for external alterations to The Hop and change of use of the part-retained building to a dental practice within Use Class E(e).	Tier 1	The proposed development comprises a new office building up to seven storeys in height on the western area of the site, following the demolition of a number of existing two storey properties. An existing property on the eastern area of the site, The Hop public house, is proposed to be partially retained and converted to use a dentist surgery. Adjoining two storey commercial properties immediately south of The Hop are proposed for demolition to make way for a new surface car park. Reserved matters application for the offices and medical centre 21/0654.	4.48	5.20	4.48	5.20	13.47	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_64342	741	Erection of a five storey hotel, to provide up to 160 bedrooms and two storey car park for a maximum of 94 vehicles accessed from Adelaide Street and Alfred Street (Outline Application for scale, layout and access).	Tier 1	Outline planning consent is sought for the erection of a 4-storey building comprising a maximum 160 room hotel and supporting leisure facilities at ground floor level, including café, bar and lounge. Also parking and access. This application is a revised proposal from the original application 18/0159 for the erection of a hotel to provide 203 bedrooms.	4.20	4.90	4.20	4.92	13.40	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_63108	742	Erection of four storey building to form 9 permanent flats and 2 retail units (Use Class A1) following demolition of existing buildings (OUTLINE PROPOSAL).	Tier 1	Erection of four storey building to form 9 permanent flats and 2 retail units	4.29	5.00	4.29	5.01	13.43	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_65047&activeTab=summary	743	A) Outline planning application with all matters reserved for: Demolition of all buildings on site and; Erection of three indoor theme park buildings incorporating ancillary retail/food/drinking establishment uses Erection of a building to provide a hotel with ancillary and independent restaurants/drinking establishments Creation of new public realm spaces including a public square to be used for live events Erection of buildings within the public realm for the sale of food and drink and for use as drinking establishments including provision of way-finding vertical feature Provision of new coach station and car park Associated infrastructure including access, drainage features and electrical substation(s). (B) Full planning permission for: Former King Edward VII Picture House - external alterations, demolition of single-storey extension to rear, erection of single-storey extension to rear, erection of glazed canopy to side, and for use as a drinking establishment and sale and consumption of food and drink King Edward Public House - external alterations, demolition of single-storey extensions to rear, and use as a drinking establishment and the sale and consumption of food and drink and as an apart-hotel. Former King Edward Apartments - external alterations, demolition of two-storey extension to rear, erection of 5-storey extension and use as an apart-hotel with ground floor retail and food and/or drinking establishment uses Creation of new public realm and service	Tier 1	Hybrid Mixed Use Leisure Development on the Blackpool Central Site. The development comprises: Demolition of all current structures Multi storey car park and associated infrastructure Electrical Substation Food and drink establishments Hotel Indoor Theme Parks Car park and coach station Public open space associated infrastructure including drainage. Maximum height of the development will be 25m	3.79	4.39	3.79	4.54	13.44	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66568	744	Erection of a part single/part four and part five storey link extension with roof top terraces between the former Post Office and sorting office, a three storey rear extension to the former Post Office and internal and external alterations to both buildings and provision of terraced areas in the courtyard following the demolition of the existing fourth floor roof extension to the former sorting office, the demolition of rear staircase enclosure and roof structures to the former Post Office and demolition of various structures in the courtyard and use as altered as a hotel with ancillary facilities, associated car parking and access from Edward Street and servicing access from Queen Vera's Road.	Tier 1	Redevelopment of former post office building into a 150-room hotel, up to 5 storeys in height.	4.42	5.06	4.42	5.16	13.61	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65255	745	Erection of a five storey building to form a cafe to the ground floor and four holiday flats to the upper floors, following demolition of existing building.	Tier 1	Erection of a five storey building to form a cafe to the ground floor and four holiday flats to the upper floors, following demolition of existing building.	4.40	4.94	4.40	5.15	13.81	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_62623	746	Demolition of existing buildings and erection of three-storey building for use as a medical centre with associated parking and landscaping.	Tier 1	Demolition of existing buildings and erection of three-storey building for use as a medical centre with associated parking and landscaping.	4.20	4.94	4.20	4.91	13.32	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_61596	747	Erection of 86 dwellings with associated open space and landscaping and formation of new access to Warren Drive.	Tier 1	Erection of 86 dwellings with associated open space and landscaping and access	9.52	10.41	9.52	10.12	15.30	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65484	748	Erection of a 7 storey building comprising of 26 serviced holiday apartments with balconies at 6th floor level with associated bin and cycle stores and car parking.	Tier 1	Erection of a 7 storey building comprising of 26 serviced holiday apartments with balconies at 6th floor level with associated bin and cycle stores and car parking.	5.52	6.09	5.52	6.24	14.24	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63913	749	Erection of a part three/ part four storey building comprising 14 self contained apartments with associated car parking for 14 vehicles following the demolition of the existing building (outline proposal).	Tier 1	Erection of a part three/ part four storey building comprising 14 self contained apartments with associated car parking for 14 vehicles following the demolition of the existing building	4.92	5.79	4.92	5.59	13.25	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_65016&activeTab=summary	750	Site A: Erection of 53 two and three-storey dwellings with vehicular access from Chepstow Road and Gateside Drive, associated parking landscaping and public open space, and creation of school green for use by Boundary Primary School. Site B: Erection of 78 dwellings to include two and three-storey dwellings, bungalows, a two-storey block of 12 flats and a three-storey block of 18 flats with access taken from Dinmore Avenue, with associated parking, landscaping and public open space including a childrens play area, formation of a shared cycle and pedestrian link from Dinmore Avenue to Dingle Avenue, and reconfiguration of existing car park to The Grange.	Tier 1	Erection of 131 houses and 30 flats split across two sites with associated landscaping, parking, access and recreation space. Houses and flats are 2-3 storeys in height.	5.63	6.87	5.63	6.10	12.29	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63549	751	Erection of a four storey building of 20 apartments with basement plant, associated access and egress from Knowle Avenue and car parking for 26 vehicles, turning area, landscaping and boundary treatment, and provision of revised access and car parking layout to Ma Kelly's Showboat (Re submission of application 18/0471)	Tier 1	Erection of a 4 storey building containing 20 apartments with associated parking, access and landscaping.	6.52	7.13	6.52	7.23	14.65	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_62601	752	Erection of three storey building comprising 15 x two bedroom self contained permanent flats with vehicle access to rear from Gynn Avenue and associated car parking facilities for 13 vehicles, and refuse store to rear	Tier 1	Erection of a 3 storey building containing 15 apartments with associated parking and access.	5.79	6.39	5.79	6.51	14.31	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66303	753	Erection of 200 residential dwellings with associated landscaping, public open space and parking with vehicular access from Bispham Road (139 properties), Regency Gardens (56 properties) and Kylemore Avenue (5 properties).	Tier 1	Erection of 200no. dwellings with associated landscaping, public open space, parking and access. This replaces the application 19/0241 for 176no. dwellings.	6.97	7.91	6.97	7.59	13.83	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_65602	754	Erection of a part 4 storey part 5 storey building comprising 35 assisted living flats (affordable housing for rent) with shared residential areas and associated landscaping, car parking and external amenity space.	Tier 1	Erection of a part 4 storey part 5 storey building comprising 35 assisted living flats with associated landscaping, car parking and open space.	8.68	9.40	8.68	9.34	15.48	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_63126	755	Erection of nine single storey industrial buildings (use classes Class B1, B2 & B8) with associated access, car parking and landscaping.	Tier 1	Erection of nine single storey industrial buildings (use classes Class B1, B2 & B8) with associated access, car parking and landscaping. The previously aproved application 21/0800 for 2 industrial units on the adjacent site brings the total number to 11 units.	7.71	8.65	7.71	8.32	14.18	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_66382	756	Retention of an industrial building providing 3 units and erection of two buildings to provide 5 units, all for use within use classes E(g) (ii) and/or B8 with associated landscaping, parking, infrastructure and access from Hawking Place.	Tier 1	erection of two buildings to provide 5 units, all for use within use classes E(g) (ii) and/or B8 with associated landscaping, parking, infrastructure and access. THis is PHase 3: Phase 1 (approved 20/0443) was granted permission for 1 industrial building comprising 3 units, while phase 2 was refused, bringing the total units to 8 within the development area.	8.43	9.49	8.43	8.96	14.03	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_64504	757	Erection of 51 dwelling houses with associated access, parking and landscaping.	Tier 1	Erection of 51 dwelling houses with associated access, parking and landscaping. This modifies the application 19/0176 of outline permission for the erection of up to 47 dwellings in the same area.	8.87	9.92	8.87	9.39	14.26	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCP/2022/0001	758	SCOPING REQUEST FOR THE LANCASHIRE CENTRAL DEVELOPMENT SITE	Tier 1	The proposals comprise the delivery of employment led redevelopment, with additional commercial and residential uses. A housing development of approximately 2.75 ha will be located in the north west boundary of the site with access from Stanifield Lane. Four development plots will contain commercial and employment led floorspace with further land reserved for future development. The development will include green infrastructure as well as highways and drainage infrastructure.	5.37	26.11	23.68	5.37	12.73	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2023/0001	759	Construction of a Motor Control Kiosk	Tier 1	The proposed development requiring Planning Permission is an MCC kiosk, as detailed in Table 1 below. The kiosk would be located inside the existing WwTW boundary and therefore in the context of the existing operational waste water treatment site, together with its associated structures and equipment. The proposed development forms part of a programme of wider works at the WwTW including works approved already under Application Ref LCC.2020.0033.	6.93	13.23	11.16	6.93	7.48	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0065	760	Proposed Anaerobic Digestion plant	Tier 1	Proposed Anaerobic Digestion plant fuelled by imported feedstock including digester / gas holder and associated equipment, relocated flare, new earth banking / perimeter landscaping and underground gas export pipeline	5.41	10.26	8.05	5.41	5.91	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCR/2022/0009	761	Screening Opinion: equest for construction of 5 no. control kiosks	Tier 1	Screening opinion request for construction of 5 no. control kiosks including reduction in the height of the existing landscape bund	6.39	23.95	21.88	6.39	12.34	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0049	762	CONSTRUCTION OF A NEW RAILWAY STATION AT COTTAM	Tier 1	In summary the Scheme would include the following development: a railway station building; railway station platforms; a footbridge over the railway, a 248 space lit car park; access road from a new roundabout (connected via Preston Western Distributor Road's Cottam Link Road) including segregated cycle track and pedestrian footway; an access road bridge over the Lancaster Canal and bridge approach embankments; and a secondary means of escape on the southern side of the railway line.	1.44	19.30	16.74	1.44	5.55	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	c
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0044	763	Major Mixed-use development (Lancashire Central (Cuerden Strategic Site)	Tier 1	The application proposes a major mixed-use development of the Application Site including: associated car parking, service yards, site access, highway works, strategic landscaping and public open space.	5.53	26.15	23.75	5.53	12.87	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0048	764	Proposed Cricket Facility (Farrington Cricket Club)	Tier 1	PROPOSED CRICKET FACILITY COMPRISING 2NO. CRICKET OVALS AND ASSOCIATED PAVILION BUILDING AND SPECTATOR SEATING, COVERED CRICKET NETS, ACCESS, PARKING, LANDSCAPING AND ASSOCIATED WORKS (INCLUDING TEMPORARY EVENT OVERLAY FACILITIES ON TICKETED MATCH DAYS), REALIGNMENT OF PUBLIC RIGHT OF WAY REF 9-12-FP 1, 7-4-FP 6 AND PUBLIC RIGHT OF WAY REF 9-12-FP 2, 7-4-FP5	4.87	25.42	23.03	4.87	12.18	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0041	765	Construction of a new highway	Tier 1	Construction of a new highway consisting of Preston Western Distributor (4.3 km long dual carriageway), Cottam Link Road (0.8km long single carriageway) and East West Link Road (3.4 km long single carriageway) together with temporary soil storage and contractor areas, cycle track alongside all highways, water attenuation ponds, diversion/stopping up of public rights of way, landscape and ecological mitigation areas. Construction of two bridges, two viaducts, two underpasses and a cattle creep and diversion of the Hodder Aqueduct. (amendment of approved plans)	2.25	19.00	16.48	2.25	5.38	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0039	766	ERECTION OF TEMPORARY INERT WASTE PROCESSING AND WASHING PLAN	Tier 1	ERECTION OF TEMPORARY INERT WASTE PROCESSING AND WASHING PLANT WITH A CONCRETE BASE AND EXPORT OF RECYCLED MATERIALS OFF-SITE	5.75	26.09	23.74	5.75	13.00	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0030	767	CONTINUATION OF SAND WINNING	Tier 1	This application seeks a continuation of sand winning operations, including the winning and working of sand from the foreshore, exportation of sand off site and provision of associated infrastructure including site access, secure compound and stockpiling area. Previous sand winning operations that have taken place at the site are set out below.	1.02	1.02	1.02	2.79	13.48	Withdrawn	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2022/0015	768	Construction of 3 kiosks	Tier 1	Construction of 3 No. Kiosks and Associated Landscaping.	10.81	16.67	15.50	10.81	11.41	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2014/0096/4	769	APPROVAL OF DETAILS RESERVED BY CONDITION 6 (E) OF PERMISSION LCC/2014/0096 RELATING TO THE TIME SCALE FOR RESTORATION FOLLOWING THE DECOMMISSIONING OF THE TWO PNR SHALE GAS EXPLORATION WELLS AND REMOVAL OF PRESSURE GUAGES	Tier 1	RESTORATION FOLLOWING THE DECOMMISSIONING OF THE TWO PNR SHALE GAS EXPLORATION WELLS AND REMOVAL OF PRESSURE GUAGES	2.19	7.65	5.27	2.19	6.23	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2021/0042	770	PERMANENT VEHICULAR ACCESS FROM BILSBORROW LANE FOR OPERATIONAL ACCESS TO BELOW GROUND WASTEWATER INFRASTRUCTURE AND ASSOCIATED LANDSCAPING.	Tier 1	Permanent vehicular access from Bilsborrow Lane for operational access to below ground wastewater infrastructure and associated landscaping	10.08	22.90	20.64	10.08	11.51	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2021/0021	771	ERECTION OF NEW CLASS B2/B8 INDUSTRIAL UNIT WITH ANCILLARY CLASS E FIRST FLOOR OFFICE/FLEXIBLE USE STORAGE MEZZANINE AND ASSOCIATED CAR PARKING, SERVICING AREAS, REFUSE STORAGE, LANDSCAPING, VEHICULAR ACCESS POINT AND OTHER PRIVATE HIGHWAY WORKS	Tier 1	Erection of a new class B2/B8 industrial unit	5.14	25.23	22.90	5.14	12.28	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2021/0002	772	WORKS ASSOCIATED WITH AREAS 1 AND 2 OF THE PRESTON AND SOUTH RIBBLE FLOOD RISK MANAGEMENT SCHEME CONSISTING OF NEW AND REPLACEMENT FLOOD DEFENCES ALONG THE NORTH AND SOUTH BANKS OF THE RIVER RIBBLE AND OTHER ANCILLARY FLOOD WORKS, INCLUDING: LAND REPROFILING, LANDSCAPING AND HABITAT CREATION, WORKS TO TIE-IN TO THE GRADE II LISTED PENWORTHAM OLD BRIDGE AND RAILWAY VIADUCT OVER RIVER RIBBLE, A TEMPORARY REMOTE CONSTRUCTION COMPOUND AND TEMPORARY SITE ACCESS.	Tier 1	Works associated with Areas 1 and 2 of the Preston and South Ribble Flood Risk Management Scheme consisting of new and replacement flood defences along the north and south banks of the River Ribble and other ancillary flood works, including: land reprofiling, landscaping and habitat creation, works to tie in to the Grade II Listed Penwortham Old Bridge and Railway Viaduct over River Ribble, a temporary remote construction compound and temporary site access	2.60	23.42	20.86	2.60	9.58	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCP/2020/0002	773	SCOPING REQUEST FOR CONTINUED SAND WINNING	Tier 1	Scoping opinion for the continuation of sand winning. This operation has four main components: Access from A584, small plant compound, sand stockpiling area and sand extraction area.	0.96	1.58	0.96	2.18	12.67	Operational	Yes	Yes	a	d	a	a	a	a	g	a	d	d	a
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2019/0029	774	ENERGY RECOVERY FACILITY (ERF) FUELLED BY NON-HAZARDOUS HOUSEHOLD, COMMERCIAL AND INDUSTRIAL WASTE AND REFUSE DERIVED FUEL INCORPORATING ERF MAIN BUILDING, AIR COOLED CONDENSERS, WEIGHBRIDGES AND GATEHOUSE, SITE ROADS, LANDSCAPING INCLUDING BUNDS, CAR PARKING, SURFACE WATER SWALE AND WETLAND, ELECTRICITY SUB-STATION BUILDING AND SWITCHYARD, PUMP HOUSE, FIRE WATER STORAGE TANKS, OTHER ANCILLARY PLANT AND EQUIPMENT, FENCING AND SITE SECURITY, REALIGNMENT OF EXISTING ROADWAY AND DRAINAGE DITCH THROUGH THE SITE, UNDERGROUND POWER CABLE NETWORK, TEMPORARY CONSTRUCTION COMPOUND	Tier 1	Development of an energy recovery facility with various ancillary structures and infrastructure. This will include: Waste reception hall, waste storage bunker, ash storgate building, boiler hjall, flue gas treatment, turbine generator hall, workshope and maintenance rooms, control room, reception area, offices and meeting rooms, visitor centre, staff welface, stacks and associated infrastructure including gatehouse, landscaping, substation, car parking, hard standing areas and water treatment areas. The building roof height will vary between 37.1 and 17.1 metres. The Flue stacks will extend above the ERF to a height of 47.9m. Anticipated completion date to be 2023. Up to 47MW peak capacity, with anticipated 280GWh output per annum.	8.17	27.93	25.38	8.17	14.13	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	c
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2020/0057	775	ERECTION OF A WASH PLANT FACILITY FOR PROCESSING OF RECYCLED AGGREGATES, INCLUDING ASSOCIATED MACHINERY, AGGREGATE BAYS, VEHICLE STORAGE AND PARKING, DEMOUNTABLE UNITS AND WHEEL-WASH FACILITIES	Tier 1	Erection of a wash plant facility. This will process and recycle waste aggregates (concrete, hardcore, tarmac, topsoils) with associated infrastructure, including assocaited machinery, bays, vehicle storage and arking.	7.57	9.66	8.01	7.57	10.54	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2020/0053	776	CHANGE OF USE OF LAND AND BUILDINGS TO A SUI GENERIS WASTE RECYCLING USE FOR THE RECYCLING AND STORAGE OF WASTE ELECTRONIC AND ELECTRICAL EQUIPMENT PLASTIC.	Tier 1	Change of use of land and buildings to a sui generis waste recycling use for the recycling and storage of waste electronic and electrical equipment plastic. Associated infrastructure include an external yard area, car parking and access.	8.87	28.30	25.77	8.87	14.59	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2016/0085/3	777	CHANGE OF USE / CONVERSION / EXTENSION OF THE FORMER PARK HOTEL BUILDING FROM OFFICES (CLASS B1) BACK TO A HOTEL (CLASS C1). ERECTION OF A NEW BUILD SINGLE STOREY PAVILION BUILDING AND DEMOLITION OF THE EXISTING JDO BUILDING AND ITS REPLACEMENT WITH AN OFFICE BUILDING / EXTENSION TO THE HOTEL. CHANGE OF USE / CONVERSION / PART DEMOLITION AND REBUILD OF NO 8 EAST CLIFF FROM OFFICES (CLASS B1) TO HEALTH SPA (CLASS D1). ALONGSIDE REMODELLING OF EXISTING CAR PARKING AND LANDSCAPING WORKS.	Tier 1	hange of use / conversion / extension of the Former Park Hotel building from offices (Class B1) back to a hotel (Class C1) to include a new build single storey pavilion building and demolition of the existing JDO office building and its replacement with a 6-storey office building / extension to the Hotel. Change of use / conversion / part demolition and rebuild of no. 8 East Cliff from offices (Class B1) to health spa (Class D1). Alongside remodelling of existing car parking and landscaping works.	3.06	23.77	21.20	3.06	9.88	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2020/0016	778	EXTENSION TO SITE INCLUDING AN ULTRA VIOLET TERTIARY TREATMENT PLANT, RE-CONTOURING OF LAND, ACCESS TRACK AND LANDSCAPING	Tier 1	Extension to site including an Ultra Violet tertiary treatment plant, re-contouring of land, access track and landscaping	9.76	30.40	27.82	9.76	16.47	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2020/0014	779	IMPROVEMENT OF EXISTING A582 AND B5253 IN LEYLAND TO FOUR LANE DUAL CARRIAGEWAY STANDARD WITH SEGREGATED COMBINED CYCLE TRACK BETWEEN BROAD OAK ROUNDABOUT AND THE STANIFIELD LANE / WATKIN LANE ROUNDABOUT (A582) AND FLENSBERG WAY ROUNDABOUT TO LONGMEANYGATE JUNCTION (B5253).THE DEVELOPMENT INCLUDES NEW CARRIAGEWAYS, UPGRADE OF EXISTING CROSTON ROAD, SHERDLEY ROAD AND LONGMEANYGATE JUNCTIONS TO FULLY SIGNALISED OPERATION, EMBANKMENTS, ATTENUATION PONDS, LANDSCAPE / ECOLOGICAL MITIGATION WORKS, NEW RAILWAY BRIDGES, RETAINING STRUCTURES AND FENCES, ALTERATION / EXTENSION OF SUBWAY, BRIDGES AND CULVERTS AND TEMPORARY CONTRACTOR ACCESS AND COMPOUNDS	Tier 1	Improvement of existing A582 and B5253 in Leyland to four lane dual carriageway standard with segregated combined cycle track between Broad Oak roundabout and the Stanifield Lane / Watkin Lane roundabout (A582) and Flensberg Way roundabout to Longmeanygate junction (B5253).The development includes new carriageways, upgrade of existing Croston Road, Sherdley Road and Longmeanygate junctions to fully signalised operation, embankments, attenuation ponds, landscape / ecological mitigation works, new railway bridges, retaining structures and fences, alteration / extension of subway, bridges and culverts and temporary contractor access and compounds	3.48	23.78	21.40	3.48	10.65	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	c
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2019/0052	780	CONSTRUCTION OF A TURNING HEAD AND MINI ROUNDABOUT ON ROAD ADJACENT TO GRASS VERGE	Tier 1	Construction of a turning head mini roundabout on road and adjacent grassed verge	5.63	9.62	7.57	5.63	7.43	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2016/0046	781	DEVELOPMENT OF NEW HIGHWAYS INCLUDING PRESTON WESTERN DISTRIBUTOR, COTTAM LINK ROAD AND EAST WEST LINK ROAD. THE DEVELOPMENT INCLUDES A NEW MOTORWAY JUNCTION TO THE M55 TOGETHER WITH TEMPORARY SOIL STORAGE AND CONTRACTOR AREAS, CYCLE TRACK ALONGSIDE ALL HIGHWAYS, WATER ATTENUATION PONDS, DIVERSION/STOPPING UP OF PUBLIC RIGHTS OF WAY, LANDSCAPING AND ECOLOGY MITIGATION AREAS, CONSTRUCTION OF TWO BRIDGES, TWO VIADUCTS, TWO UNDERPASSES, A CATTLE CREEP AND DIVERSION OF THE HODDER AQUEDUCT	Tier 1	Development of new highways including Preston Western Distributor, Cottam Link Road and East West Link Road. The development includes a new motorway junction to the M55 together with temporary soil storage and contractor areas, cycle track alongside all highways, water attenuation ponds, diversion/stopping up of public rights of way, landscaping and ecology mitigation areas, construction of two bridges, two viaducts, two underpasses and a cattle creep.	2.07	18.83	16.30	2.07	5.19	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	c
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2017/0001	782	CONSTRUCTION OF A NEW HIGHWAY CONSISTING OF PENWORTHAM BYPASS (1.3 KM LONG DUAL CARRIAGEWAY) TOGETHER WITH TEMPORARY SOIL STORAGE AND CONTRACTOR AREAS, ACOUSTIC FENCING, THE RELOCATION OF SCHOOL PLAYING FIELDS, COMBINED CYCLE TRACK CONNECTING TO HOWICK MOOR LANE, WATER ATTENUATION POND, LANDSCAPE AND ECOLOGICAL MITIGATION AREAS.	Tier 1	Construction of a new highway consisting of Penwortham Bypass (1.3 km long dual carriageway) together with temporary soil storage and contractor areas, acoustic fencing,the relocation of school playing fields, combined cycle track connecting to Howick Moor Lane, water attenuation pond, diversion/stopping up of public right of way, landscape and ecological mitigation areas.	0.70	21.62	19.12	0.70	8.06	Operational	Yes	Yes	a	d	a	a	a	a	g	d	a	b	a
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2019/0012	783	RELOCATION OF INTERMEDIATE ROUNDABOUT ON PROPOSED HEYHOUSES TO M55 LINK ROAD AND REALIGNMENT OF ADJACENT HIGHWAYS TO TIE IN WITH HIGHWAY ALIGNMENT APPROVED UNDER PLANNING PERMISSIONN 05/10/0779	Tier 1	Relocation of intermediate roundabout on proposed Heyhouses to M55 Link Road and realignment of adjacent highways to tie in with highway alignment approved under planning permission 05/10/0779	0.50	4.73	2.17	0.50	8.89	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	c	c	e
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2019/0003	784	APPLICATION FOR REDESIGN AND REALIGNMENT OF THE SOUTHERN END OF THE PROPOSED HEYHOUSE TO M55 LINK ROAD BETWEEN THE JUNCTION WITH THE IMPROVED SECTION OF THE EXISTING NORTH HOUSES LANE AND THE PROPOSED INTERMEDIATE ROUNDABOUT ON THE LINK ROAD.	Tier 1	Construction of new highway (completion of M55 to heyhouses link), improvements to existing highways and associated infrastructure (including construction compound and working area).	0.70	4.69	2.17	0.70	8.96	Permitted	Yes	Yes	c	d	c	c	c	c	a	d	d	c	e
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2019/0005	785	ERECTION OF BUILDING FOR A MATERIAL RECYCLING FACILITY	Tier 1	Proposed Erection of Building for Materials Recycling Facility (Use Class B2).	8.90	28.15	25.64	8.90	14.50	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCR/2018/0004	786	NEW 2.7KM PIPELINE	Tier 1	2.7 km of pipeline	9.49	27.44	25.03	9.49	14.09	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/LCC/2018/0018	787	EXTENSION TO EXISTING WASTEWATER TREATMENT WORKS TO INCLUDE GROUND REPROFILING, NEW ACCESS TRACK WITH NEW PRIMARY, SECONDARY AND TERTIARY TREATMENT PLANT AND ASSOCIATED LANDSCAPING	Tier 1	The proposal includes a new primary, secondary and tertiary treatment plant. Part of the development will extend into undeveloped green belt land until recently used for agricultural purposes.	9.62	30.23	27.65	9.62	16.30	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=Q0YXYHRHIW400&activeTab=summary	788	Erction of 9 dwellings	Tier 1	Erection of nine dwellings.	5.88	15.86	13.93	5.88	6.68	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	b	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=PWP5U9RHHTW00	789	Construction of 10 residential units.	Tier 1	Construction of 10 residential units comprising a mix of 2 and 3 bedroom detached bungalows.	5.64	16.36	14.41	5.64	6.85	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=QCJJ5LRHLYW00	790	Erection of 37 Dwellings	Tier 1	The outline application proposal is for 35 dwellings located on the triangular piece of land that is bounded on two sides by residential development on both Boundary Lane and Mill Lane. Access will be via the newly created access road onto Boundary Lane.	6.54	16.09	14.27	6.54	7.45	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=QU4V79RHJDF00&activeTab=summary	791	The erection of a new secondary school	Tier 1	The proposed erection of a new secondary school with associated outdoor play areas, multi-use games area, swimming pool, vehicular access and parking, cycle parking, associated hard and soft landscaping and the demolition of existing buildings	7.08	17.53	15.78	7.08	8.81	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=RK9L4VRHJ8Q00	792	Proposed mixed use development	Tier 1	Proposed mixed use development - including six dwellings, two blocks of retail/ office space and associated access, parking and landscape following demolition of existing buildings.	7.47	18.08	16.38	7.47	9.43	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=PF98A9RHL8N00&activeTab=summary	793	erection of 2 no. office buildings	Tier 1	Proposed demolition of existing garden centre, cafe, 2 no. bungalows and associated outbuildings and erection of 2 no. office buildings. Maximum height of buildings is 5.9m to the ridge	9.14	17.29	15.86	9.14	10.33	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=QRM4J1RHIKJ00	794	20m Phase 8 Monopole	Tier 1	Development by Telecommunications Code System Operator - Proposed 20m Phase 8 Monopole C/W wrapround Cabinet at base and associated ancillary works.	9.04	13.33	12.35	9.04	10.89	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=QI5DVIRHFSM00&activeTab=summary	795	Erection of a single wind turbine	Tier 1	Erection of a single wind trurbine, with a height to blade tip of 31.6m.	15.52	25.22	24.15	15.52	18.66	Operational	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Planning Inspectorate	https://infrastructure.planninginspectorate.gov.uk/projects/north-west/a585-windy-harbour-to-skippool-improvement-scheme/#	796	A585 Windy Harbour to Skippool Improvement Scheme	Tier 1	The scheme includes the following: • Up to 5km of new two lane dual carriageway road connecting Windy Harbour Junction to Skippool Junction; • 4 new junctions including: o Grange Junction; o Poulton Junction; o Skippool Bridge Junction; o Skippool Junction. • With new structures including Skippool Bridge, Lodge Lane Bridge and grange footbridge	8.13	10.72	9.01	8.13	10.19	Under Construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	c
ONR	https://www.onr.org.uk/sites/springfields-fuels-limited.htm	797	Clean Energy Technology Park, Springfields	N/A	This is an established site for manufacture of nuclear fuels. This involves shipments of uranium rock in, treatment and processing and shipping out of processed uranium. Has been recently rebranded as a "clean energy technology park", but it appears that nuclear fuel is still hadled and processed.	520.55	520.55	541.47	543.62	550.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
HSE	https://notifications.hse.gov.uk/COMAH2015/PublicInformation.aspx?piid=2870	798	F2 Chemicals	N/A	This is an established site for the manufacture of organic compounds, predominantly perfluorinated fluids.	520.55	520.55	541.47	543.62	550.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
Sabic	https://www.sabic.com/en/about/ehss/sabic-uk-pipelines	799	Trans-Pennine Ethylene Pipeline	N/A	Established elthylene pipeline running between Wilton and Runcorn. It will cross with the Transmission assets boundary at some point west of Preston, the map is not precise so cannot give an exact location.	520.55	520.55	541.47	543.62	550.45	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d
HSE		800	North Western Ethylene Pipeline	N/A	Unknown details. This has been copied from the scoping responses, but I have been unable to find any details on this pipeline.	520.55	520.55	541.47	543.62	550.45	Unknown	Unknown	Unknown	d	d	d	d	d	d	d	d	d	d	d
HSE		801	Unkown	N/A	Unknown details. This has been copied from the scoping responses, but I have been unable to find any details on this pipeline.	520.55	520.55	541.47	543.62	550.45	Unknown	Unknown	Unknown	d	d	d	d	d	d	d	d	d	d	d
HSE		802	15 Feeder Carnforth/Bretherton	N/A	Unknown details. This has been copied from the scoping responses, but I have been unable to find any details on this pipeline.	520.55	520.55	541.47	543.62	550.45	Unknown	Unknown	Unknown	d	d	d	d	d	d	d	d	d	d	d
HSE		803	21 Feeder Treales / Mawdesley	N/A	Unknown details. This has been copied from the scoping responses, but I have been unable to find any details on this pipeline.	520.55	520.55	541.47	543.62	550.45	Unknown	Unknown	Unknown	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2023/00263/SCE | EIA screening opinion - Proposed Hydrogen Production Facility at Samlesbury | Ab Inbev UK Limited Cuerdale Lane Samlesbury Preston Lancashire PR5 0XD (southribble.gov.uk)	804	EIA Screening Opinion - Proposed hydrogen production facility at Samlesbury	Tier 1	The proposed development is anticipated to be an 8.6 MW green hydrogen facility with a Proton Exchange Membrane (PEM) electrolyser for the production of hydrogen including hydrogen storage, hydrogen delivery infrastructure to the brewery and hydrogen-powered vehicle refuelling facilities.	8.82	29.32	26.74	8.82	15.40	Permitted	No	No	d	d	d	d	d	d	e	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2023/00032/FUL | Demolition and Rebuild to Create 7no Dwellings and a Chapel/Community Room. | Much Hoole Methodist Church Moss House Lane Much Hoole Preston Lancashire PR4 4TD (southribble.gov.uk)	805	Demolition and rebuild to create 7no dwellings and a chapel/community Room.	Tier 1	Demolition and rebuild to create 7no dwellings and a chapel/community room at Much Hoole Methodist Church, Moss House Lane, Much Hoole, PR4 4TD	4.95	18.95	16.91	4.95	8.13	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
South Ribble Borough Council	07/2023/00035/OUT | Outline planning application (with all matters reserved) for an employment-led mixed use development comprising up to 170,000 sqm of employment floorspace (Use Class B2 / B8), up to 10,000 sqm of C1 Hotels, 5,000 sqm of Class E(b) retail use, and up to 7,500 sqm of Class E(g) office use, with associated car parking, service yards and loading bays, landscaping and associated access across 3 plots of land at Cuerdale, land to the West of Samlesbury, South Ribble together with the demolition of a dwelling - Environmental Impact	806	Outline planning application (with all matters reserved) for an employment-led mixed use development comprising up to 170,000 sqm of employment floorspace (Use Class B2 / B8), up to 10,000 sqm of C1 Hotels, 5,000 sqm of Class E(b) retail use, and up to 7,500 sqm of Class E(g) office use, with associated car parking, service yards and loading bays, landscaping and associated access across 3 plots of land at Cuerdale, land to the West of Samlesbury, South Ribble together with the demolition of a dwelling	Tier 1	Outline planning application (with all matters reserved) for an employment-led mixed use development comprising up to 170,000 sqm of employment floorspace (Use Class B2 / B8), up to 10,000 sqm of C1 Hotels, 5,000 sqm of Class E(b) retail use, and up to 7,500 sqm of Class E(g) office use, with associated car parking, service yards and loading bays, landscaping and associated access across 3 plots of land at Cuerdale, land to the west of Samlesbury, South Ribble.	11.03	31.48	28.90	11.03	17.57	Pending	Yes	Yes	d	d	d	d	d	d	c	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2023/00063/FUL | Erection of a part single storey, part 2 storey primary school building together with car parking, landscaping, formation of MUGA, associated works and the installation of temporary classrooms following the demolition of the existing buildings | Seven Stars County School Peacock Hall Road Leyland Preston Lancashire PR25 1TD (southribble.gov.uk)	807	Erection of a part single storey, part 2 storey primary school building together with car parking, landscaping, formation of MUGA, associated works and the installation of temporary classrooms following the demolition of the existing buildings	Tier 1	Full planning permission for the demolition of all buildings, erection of new part-2 storey primary school, car parking, landscaping, associated works and the installation of temporary classrooms.	6.17	24.25	22.13	6.17	12.38	Operational	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	07/2023/00070/FUL | Hybrid planning application for redevelopment of Lancashire Constabulary Headquarters sites at Lindle Lane and Saunders Lane comprising a) Full planning application (Masterplan phases 1-3) to develop Saunders Lane and Lindle Lane sites - Phases 1 and 2 Saunders Lane - Phase 3 Lindle Lane b) Outline planning application relating to Masterplan Phases 4-7 for Saunders Lane site | Lancashire Constabulary HQ Police Headquarters Saunders Lane Hutton Preston Lancashire PR4 5SA (southribble.gov.uk	808	Hybrid planning application for redevelopment of Lancashire Constabulary Headquarters sites at Lindle Lane and Saunders Lane comprising a) full planning application (Masterplan phases 1-3) to develop Saunders Lane and Lindle Lane sites - Phases 1 and 2 Saunders Lane - Phase 3 Lindle Lane b) Outline planning application relating to Masterplan Phases 4-7 for Saunders Lane site	Tier 1	Hybrid planning application for redevelopment of Lancashire Constabulary Headquarters sites at Lindle Lane and Saunders Lane comprising a) full planning application (Masterplan phases 1-3) to develop Saunders Lane and Lindle Lane sites - Phases 1 and 2 Saunders Lane - Phase 3 Lindle Lane b) outline planning application relating to Masterplan Phases 4-7 for Saunders Lane site	1.49	22.20	19.75	1.49	8.78	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2023/00130/FUL | Erection of storage building with ancillary staff welfare facilities, office and compost bagging line following removal of 7 existing portacabins/shipping containers together with the formation of ground mounted solar PV array | Farington Moss Recycling Centre Moss Lane Farington Moss Lancashire (southribble.gov.uk)	809	Erection of storage building with ancillary staff welfare facilities, office and compost bagging line following removal of 7 existing portacabins/shipping containers together with the formation of ground mounted solar PV array	Tier 1	Permission is sought to install a 49.05 kWp ground-mounted off-grid solar PV array. This will require 90 solar panels (30 rows of 3 panels in portrait) at 545 watts each and measure 34.77m wide and 4.175m high. It is intended that the panels will supply AC electricity via a 3 phase hybrid inverter to a 60 kWh battery storage system, which will then be able to power the site. This will help the site to move away from diesel generators and avoid circa 10 - 12,000 litres of diesel fuel per annum. Permission is also sought to construct a 24.834 m (L) x 24.834 m (W) x 4.572 m (H) agricultural-style building on land within the existing site. This building will replace the need for 7no. porta-cabins/shipping containers and allow equipment to be stored undercover (including solar linked batteries and power room), provide improved staff welfare and office facilities (on a mezzanine) and also support the installation of a compost bagging line	3.25	22.90	20.57	3.25	10.06	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0939	810	Erection of 41 affordable dwellings with associated access off ash court, car parking, open space, landscaping and pumping station.	Tier 1	Planning application for the erection of 41 affordable dwellings with associated access, car parking, open space, landscaping buffer and pumping-station on land off Ash Court, Clifton	0.49	16.97	14.39	0.49	3.09	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0024	811	Erection of building to provide five single storey units for light industrial (class e (g)(iii)) or storage and distribution (class B8) use, with associated access from hallam way, car parking and landscaping arrangements..	Tier 1	Proposed development to provide five industrial units and associated car parking	1.89	5.55	3.26	1.89	8.42	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0125	812	Erection of a 20 MW battery energy storage system facility consisting of 120 battery cabinets, 6 PCS units, 3 transformer units, a control room, a welfare/ office building, a DNO substation, a switch room, 4 CCTV columns, security fencing, external and internal access roads, parking and turning area, and associated hard and soft landscaping.	Tier 1	Erection of a 20 MW battery energy storage system facility consisting of 120 battery cabinets, 6 PCS units, 3 transformer units, a control room, a welfare/ office building, a DNO substation, a switch room, 4 CCTV columns, security fencing, external and internal access roads, parking and turning area, and associated hard and soft landscaping.	0.74	5.94	3.53	0.74	7.68	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0051	813	Erection of 46 age restricted bungalows (55 and over), including a community pavilion, vehicular access from the Brooklands, hard and soft landscaping, and associated infrastructure.	Tier 1	Erection of 46 age restricted bungalows, a community pavilion, associated access, hard and soft landscaping and associated infrastructure (including a pumping station).	1.74	9.48	6.96	1.74	4.09	Refused	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0277	814	Erection of 41 no. affordable dwellings along with the provision of open space, landscaping and associated works.	Tier 1	Erection of 41 no. affordable dwellings along with the provision of open space, landscaping and associated works.	1.78	6.08	3.76	1.78	7.89	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	Planning Application View (preston.gov.uk)	815	28no. dwellings, 1no. retail unit (class E(a)) with 2no. apartments above, and removal of 4no. trees, following demolition of 1no. dwelling, 2no. pre-fab classrooms and 1no. derelict garage building.	Tier 1	Erection of 28 dwellings with 2no apartments over retail unit	0.94	20.61	18.03	0.94	6.68	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
Preston City Council	Planning Application View (preston.gov.uk)	816	5-7 storey building comprising 36no. apartments, with associated amenity, co-work space, car parking, partial sub-level gym, and bin and cycle storage, following demolition of two storey canteen/office storage building and footbridge link.	Tier 1	5-7 storey building comprising 36no. apartments, with associated amenity, co-work space, car parking, partial sub-level gym, and bin and cycle storage, following demolition of two storey canteen/office storage building and footbridge link.	3.34	23.91	21.33	3.34	9.99	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0167&Id1=2023041 91406385b27398 a3952f391	817	3-5 storey building comprising of 121no. serviced apartments, with ancillary facilities including roof terrace, bicycle storage and hard and soft landscaping. Change of use, part demolition and external alteration to the Unicorn public house to create 5no. serviced apartments at first floor and communal space at ground floor (pursuant to 06/2019/0308 to seek variation of condition no.3 to amend the occupancy of the approved serviced apartments from a period of 90 days to 51 weeks per calendar year)	Tier 1	3-5 storey building comprising of 121no. serviced apartments, with ancillary facilities including roof terrace, bicycle storage and hard and soft landscaping. Change of use, part demolition and external alteration to the Unicorn public house to create 5no. serviced apartments at first floor and communal space at ground floor (pursuant to 06/2019/0308 to seek variation of condition no.3 to amend the occupancy of the approved serviced apartments from a period of 90 days to 51 weeks per calendar year)	3.83	23.78	21.20	3.83	9.87	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0182&Id1=2024030 110435254b0c1ca 622753a1	818	38no. new employment units (use class E(g) (Offices)), and retention of part of an existing office building, following demolition of existing commercial buildings on site, alongside the provision of associated refuse storage, cycle storage, landscaped areas and vehicular parking with access taken from Garstang Road (pursuant to 06/2021/1667 to remove condition no.15 (BREEAM) and condition no.31 (Opening Hours).	Tier 1	38no. new employment units (use class E(g) (Offices)), and retention of part of an existing office building, following demolition of existing commercial buildings on site, alongside the provision of associated refuse storage, cycle storage, landscaped areas and vehicular parking with access taken from Garstang Road.	6.93	22.75	20.37	6.93	9.88	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0197&Id1=2023041 91406385b27398 a3952f391	819	Erection of 350no. dwellings, new vehicular access from Hoyles Lane and Sidgreaves Lane, open space, landscaping and associated infrastructure (pursuant to 06/2015/0530 to seek variation of condition no.1)	Tier 1	Erection of 350no dwellings, new vehicular access from Hoyles Lane and Sidgreaves Lane, open space, landscaping and associated infrastructure pursuant to 06/2015/0530 to seek variation of condition no.1 See planning app - 06/2015/0530.	2.59	19.50	17.00	2.59	5.92	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	Planning Application View (preston.gov.uk)	820	Dry ski slope, mountain bike track, creation of leisure lake and siting of up to 13no. lodges to be occupied by children in care (Class C2) together with associated development.	Tier 1	Erection of dry ski slope and mountain bike track, creation of leisure lake and siting of up to 13 lodges to be occupied by young people in the services of Pioneer Tec together with associated development.	0.02	19.85	17.28	0.02	5.95	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	e
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0233&Id1=2023041 91406385b27398 a3952f391	821	Request for a Screening Opinion pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of a change of use of agricultural land for the laying out of 64 containerised battery storage units together with associated infrastructure including earth workings to create a bund applied for under application 06/2022/0763.	Tier 1	Request for a Screening Opinion pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of a change of use of agricultural land for the laying out of 64 containerised battery storage units together with associated infrastructure including earth workings to create a bund applied for under application 06/2022/0763.	9.78	23.46	21.16	9.78	11.67	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0248&Id1=2023041 91406385b27398 a3952f391	822	9 No. dwellings with associated infrastructure following demolition of existing structures (pursuant to 06/2018/1091 to seek variation of condition no.1 approved plans and no.3 materials for plot 3).	Tier 1	9 No. dwellings with associated infrastructure following demolition of existing structures.	5.63	21.96	19.57	5.63	8.83	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0260&Id1=20230419140638 5b27398a3952f391	823	Request for a Screening Opinion pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of 1no. 9 storey and 1no. 10 storey building and change of use of the former Park Hotel and no.8 East Cliff to provide up to 440no. residential apartments, gym, co-working and café space.	Tier 1	The proposed development will seek permission for the construction of two new development blocks and conversion of the former Park Hotel and 8 East Cliff to create a new residential led development, comprising of up to a maximum of 440 dwellings, together with high quality amenities for future residents of the scheme, including a gym and co-working / café space. The two new development blocks will range in height from ground plus 8 storeys up to a maximum of Ground plus 9 storeys.	3.07	23.77	21.20	3.07	9.88	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0375&Id1=20240301104352 54b0c1ca622753a1	824	Outline application for the erection of a three-storey building comprising of 4no. commercial units on the ground floor, 9no apartments across the first and second floors, with on-site parking and associated works seeking approval for access only (all other matters reserved).	Tier 1	Outline application for the erection of a three-storey building comprising of 4no. commercial units on the ground floor, 9no apartments across the first and second floors, with on-site parking and associated works seeking approval for access only (all other matters reserved).	2.36	20.06	17.53	2.36	6.41	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Sefton Council	DC/2022/02154 | Environmental Impact Assessment (EIA) Screening Opinion for proposed replacement Wind Turbine on Land Adjacent to Southport Eco Centre | Land Adjacent To Southport Eco Centre Esplanade Southport PR8 1RX (sefton.gov.uk)	825	Environmental Impact Assessment (EIA) Screening Opinion for proposed replacement Wind Turbine on Land Adjacent to Southport Eco Centre.	Tier 1	Environmental Impact Assessment (EIA) Screening Opinion for proposed replacement Wind Turbine on Land Adjacent to Southport Eco Centre.	12.23	12.23	12.54	12.98	17.19	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
West Lancashire Borough Council	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=ROL8AORHKFI00&activeTab=summary	826	Proposed 15nr single storey storage units (use class B8); and associated access, car parking, hard and soft landscaping.	Tier 1	Proposed 15nr single storey storage units (use class B8); and associated access, car parking, hard and soft landscaping.	8.45	17.40	15.86	8.45	9.83	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
West Lancashire Borough Council	2023/0036/OUT | Outline Application for demolition of existing garage, workshop and bungalow (no 22) and erection of 9 dwellings | Suttons Garage 26 Blackgate Lane Tarleton Preston Lancashire PR4 6US (westlancs.gov.uk)	827	Outline Application for demolition of existing garage, workshop and bungalow (no 22) and erection of 9 dwellings	Tier 1	Demolition of exisitng garage, workshop and bungalow (no 22) and erection of 9 dwellings.	8.09	17.65	16.05	8.09	9.67	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=RQHF7SET05P00	828	Permission in principle application for up to 9 no. detached dwellings.	Tier 1	Permission in Principle for up to 9No detached dwellings on land to the south of Town Lane, Whittle le woods, Chorley, PR6 7DH	9.98	29.83	27.59	9.98	17.14	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Lancashire County Council	Planning application (lancashire.gov.uk)	829	Flood Defence Wall Realignment Associated with Areas 1 and 2 of The Preston and South Ribble Flood Risk Management Scheme	Tier 1	Flood defence wall realignment associated with Areas 1 and 2 of the Preston and South Ribble Flood Risk Management Scheme	2.56	23.41	20.85	2.56	9.57	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0306&Id1=2023052309405610 82caeb51ed127e	830	17no. dwellings with associated parking and landscaping following demolition of existing buildings and structures	Tier 1	Demolition of existing buildings and structures on site. Erection of 17 no. two-storey semi-detached and terrace houses (i.e. 7no. blocks) with associated parking and landscaping.	1.21	20.22	17.64	1.21	6.33	Under construction	Yes	Yes	d	d	c	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0167	831	FULL PLANNING APPLICATION FOR ERECTION OF 16 RESIDENTIAL UNITS AND ASSOCIATED WORKS.	Tier 1	Erection of 16No Residential units and associated works	2.49	11.17	8.77	2.49	2.92	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Blackpool Council	23/0319 | Scoping request for coastal works between North Pier and South Pier | PROMENADE BETWEEN NORTH AND SOUTH PIER, BLACKPOOL	832	Scoping request for coastal works between North Pier and South Pier	Tier 1	Blackpool Beach Management Outline Business Case (OBC) is being led by Blackpool Council to identify a solution to reduce the risk of coastal erosion along Blackpool Central Area The Scheme is located along sub-unit B1.5 (Blackpool Central Area) in Lancashire, extending 3km between North Pier and South Pier. Blackpool Beach Management OBC has identified the following potential preferred options: 100m long fishtail rock headlands/ groynes at 100m spacing to retain beach material and reduce the rate of beach lowering along the frontage. It is proposed that 10,000m3 of beach recharge (sand) is to be deposited on the upper beach (in the bays between the rock headlands/ groynes), every 10 years from year 10.	2.84	3.28	2.84	3.70	13.43	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_66976&activeTab=summary	833	Erection of a storage and distribution building (Use Class B8) with associated works, including an access road, provision of 25 HGV & 55 car parking spaces, operational hardstanding, landscaping and drainage. Application under section 73 of the Planning Act for the removal of condition 24 (BREEAM very good requirement) attached to planning permission 21/0855	Tier 1	Erection of storage and distribution building with associated works, access road, parking, operational hardstanding , landscaping and drainage	2.25	4.36	2.43	2.25	10.13	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCR/2023/0006	834	Screening Opinion for proposed land reprofiling / landscape and drainage engineering of the golf course	Tier 1	Proposed land reprofiling / landscape and drainage engineering of the golf course at Lytham Green Drive Golf Club- Formal request for Screening Opinion in accordance with the Town and Country Planning (EIA) Regulations 2017.	0.86	7.45	5.15	0.86	6.64	Permitted	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Lancashire County Council	https://planningregister.lancashire.gov.uk/Planning/Display/SCR/2023/0007	835	Screening Opinion for proposed new driving range, par 3 course and chipping area	Tier 1	The proposal is intended to reprofile and increase the overall levels in a disused area of the golf course to create a high quality driving range, chipping green, putting course and par 3 short game area. The scheme includes target greens, greens, tees and driving range teeing off point. As part of the scheme there is also new proposed native species tree planting and improvements to adjacent habitats. The scheme will include associated landscaping, water attenuation area and a new drainage system to combat the waterlogging issues that these areas currently encounter. There will be an opportunity for habitat creation as part of the scheme, in particular woodland planting The site area in question extends to approximately 14 hectares. The project would involve reforming of levels using imported inert material from the construction industry, top-soiling, seeding and the installation of land drains to form the suitable levels for the extended course. The depth of fill material would be maximum 5 metres at its highest and it is anticipated that it would be completed within a period of 20-24 months	8.88	10.25	8.88	9.10	12.68	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?previousCaseType=Application&keyVal=RCSICYOTLUT00&previousCaseNumber=07%2F2023%2F00854%2FDIS&activeTab=summary&previousKeyVal=S2Z3ROOTH4W00	837	Erection of 50 Residential Units with access, parking, open space and landscaping infrastructureErection of 50 Residential Units with access, parking, open space and landscaping infrastructure	Tier 1	Erection of 50 Residential Units with access, parking, open space and landscaping infrastructure |	4.40	25.22	22.77	4.40	11.76	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=S2O1G6OT0C300	838	Notification for the installation of a 9m light wooden pole (grid ref- 355194,423642)	Tier 1	Notification for the installation of a 9m light wooden pole	5.88	26.09	23.76	5.88	13.08	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S2TLIZOT0C300&activeTab=summary	839	Proposed base station telecommunications installation comprising 20m pole on new foundation, together with 6No. Antennas, 1No. 300mm Dish, 3No. Cabinets, 1No. meter cabinet and associated ancillary works.	Tier 1	Proposed base station telecommunications installation comprising 20m pole on new foundation, together with 6No. Antennas, 1No. 300mm Dish, 3No. Cabinets, 1No. meter cabinet and associated ancillary works.	201.38	201.38	273.22	275.76	286.93	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S2O0XYOT0C300&activeTab=summary	840	9m light wooden pole 101 Bristol Ave (grid ref-355280,423603) 9m light wooden pole 103 Bristol Ave (grid ref- 355259,423663) 9m light wooden pole 124 Bristol Ave (grid ref-355314,423547)	Tier 1	9m light wooden pole 101 Bristol Ave (grid ref-355280,423603) 9m light wooden pole 103 Bristol Ave (grid ref- 355259,423663) 9m light wooden pole 124 Bristol Ave (grid ref-355314,423547)	6.03	26.23	23.90	6.03	13.24	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S2OEH4OT0C300&activeTab=summary	841	Permission in principle for erection of up to 3 dwellings	Tier 1	Permission in principle for erection of up to 3 dwellings	2.27	22.68	20.27	2.27	9.44	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S2B2Y7OT0C300&activeTab=summary	842	British Telecommunications Plc intends to install fixed line broadband electronic communications apparatus 1x 9m light wooden pole- 116 St Davids Road 2x 9m light wooden pole -29 St Davids Road	Tier 1	British Telecommunications Plc intends to install fixed line broadband electronic communications apparatus 1x 9m light wooden pole- 116 St Davids Road 2x 9m light wooden pole -29 St Davids Road	6.36	26.27	23.98	6.36	13.46	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S206AYOT0C300&activeTab=summary	843	One 9m light telecommunications wooden pole for OPP 64 Haig Avenue- (Grid ref- 353561,422155) Two 10m light telecommunications wooden pole on the corner of Haig Avenue- (Grid ref- 353616,422268)	Tier 1	One 9m light telecommunications wooden pole for OPP 64 Haig Avenue- (Grid ref- 353561,422155) Two 10m light telecommunications wooden pole on the corner of Haig Avenue- (Grid ref- 353616,422268)	5.92	24.91	22.71	5.92	12.57	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S2049OOT0B900&activeTab=summary	844	Notification of installation of 9m wooden pole	Tier 1	Notification of installation of 9m wooden pole	6.13	26.22	23.90	6.13	13.29	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RV7XWLOT0B900&activeTab=summary	845	Erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part as an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping.	Tier 1	Erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part as an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping.	6.16	24.93	22.75	6.16	12.72	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S0GD58OTGUJ00&activeTab=summary	846	Reserved Matters application (appearance, landscaping, layout and scale) for the erection of 154 dwellings on phases 4 and 5 including a surface water drainage scheme pursuant to condition 6 of outline planning permission 07/2016/0591/OUT	Tier 1	Reserved Matters application (appearance, landscaping, layout and scale) for the erection of 154 dwellings on phases 4 and 5 including a surface water drainage scheme pursuant to condition 6 of outline planning permission 07/2016/0591/OUT. The reserved matters application seeks to build upon the conceptual design laid out in the approved Outline Planning Application (Ref: 07/2016/0591/OUT) for 400 residential units.	6.93	24.98	22.90	6.93	13.20	Under Construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S05FQ0OT0C300&activeTab=summary	847	Installation of 8.9m Kompan Giant XL tower slide unit	Tier 1	Installation of 8.9m Kompan Giant XL tower slide unit	6.54	27.48	25.00	6.54	13.85	Under construction	No	No	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RYPMR9OTGND00&activeTab=summary	848	Prior Approval Determination for the installation of a 15m high Phase 9 slim-line monopole, supporting 6 no. antennas, 3 no. equipment cabinets and ancillary development	Tier 1	Prior Approval Determination for the installation of a 15m high Phase 9 slim-line monopole, supporting 6 no. antennas, 3 no. equipment cabinets and ancillary development	4.11	24.40	22.03	4.11	11.30	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RYAL2OOTGLB00&activeTab=summary	849	Erection of a hydrogen production facility and hydrogen vehicle refuelling station, comprising storage tanks, dispatch facilities, pipeline and access road to brewery and associated works.	Tier 1	Erection of a hydrogen production facility and hydrogen vehicle refuelling station, comprising storage tanks, dispatch facilities, pipeline and access road to brewery and associated works.	8.81	29.31	26.73	8.81	15.39	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RYALINOTGLC00&activeTab=summary	850	The installation of battery storage upon new concrete hardstanding and excavation works to the existing embankment to provide storage for cooling metal containers with associated infrastructure and drainage works.	Tier 1	The installation of battery storage upon new concrete hardstanding and excavation works to the existing embankment to provide storage for cooling metal containers with associated infrastructure and drainage works.	4.44	24.63	22.28	4.44	11.59	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RXZH00OTGK800&activeTab=summary	851	Proposed installation of 2 no. carbon dioxide storage tanks, installation of a roof-mounted cooling tower, upward extension to provide an enclosure for a foam trap, and associated works	Tier 1	Proposed installation of 2 no. carbon dioxide storage tanks, installation of a roof-mounted cooling tower, upward extension to provide an enclosure for a foam trap, and associated works	8.97	29.56	26.98	8.97	15.63	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RXMICYOTGIT00&activeTab=summary	852	Erection of wastewater treatment plant comprising technical building, methane reactor, storage and processing tanks, flare stack, associated plant and enabling works.	Tier 1	Erection of wastewater treatment plant comprising technical building, methane reactor, storage and processing tanks, flare stack, associated plant and enabling works. The following key items of plant are proposed: • Technical building – approx. 154 sq m • Methane reactor – max. 13.3m (height) x 10.1m (diameter) • Calamity tank – 8.5m (height) x 7.8m (diameter) • Equalization tank – max. 12m (height) x 10.9m (diameter) • Biosulfurix Tower – 10m (height) x 2.5m (diameter) • Post-aeration tank –6m (height) x 5.5m (diameter) • Containerized lab and sampling system – approx. 8 sq m • Biogas safety flare stack – approx. 6m (height)	8.97	29.56	26.98	8.97	15.63	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RXD99SOTGHS00&activeTab=summary	853	Erection of 8 apartments following demolition of existing dwelling and widening of vehicular access.	Tier 1	It isproposed todemolish the existing buildingand to erect anew3-storeybuildingthat willaccommodateseven2-bedroomand one 1-bedroomapartments.The building will be finished in red brick and white render under a grey tilepitchedroof to reflectthe character of the area.An 11-space car park, toinclude 1 accessible space, will be located to the rear of the building,alongsideacommunalbin store.Vehicular and pedestrian access to the site willcontinueto be takenat theexistingpoint of access from Liverpool Road. The proposals seek to retain allexistingtreeswithinand adjoiningthe applicationsite. However, it willbe necessary to remove a pine tree on the Liverpool Road frontage, which issubject to the TPO,in order to accommodate the required widening of the site access.A furtheryoung self-seededtree(unprotected)willalso be removed on the south western site boundary.The loss of thesetree will be mitigated by replacement planting elsewhere within the site as part of a comprehensive landscaping scheme, which will also include the retentionof some existing, and newly proposed,boundarytreatments.	0.77	21.63	19.08	0.77	7.85	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	d	c	a
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RXD96TOTGHR00&activeTab=summary	854	Discharge of conditions 3,9,11,16-17,23,25,28-29 and 33 pursuant to permission 07/2022/00928/FUL for erection of a residential development (34 dwellings - use Class C3) with associated vehicular access, roads and footways, hard and soft landscaping, drainage and other associated works.	Tier 1	Discharge of conditions 3,9,11,16-17,23,25,28-29 and 33 pursuant to permission 07/2022/00928/FUL for erection of a residential development (34 dwellings - use Class C3) with associated vehicular access, roads and footways, hard and soft landscaping, drainage and other associated works.	2.01	19.19	16.84	2.01	6.53	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RWPFR4OT0C300&activeTab=summary	855	Notification for the installation of one, 9m wooden pole (7.2m above ground)	Tier 1	Notification for the installation of one, 9m wooden pole (7.2m above ground	6.89	27.77	25.22	6.89	13.92	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RWALEAOT0B900&activeTab=summary	856	The replacement of the existing 17.5m monopole with a new 20m monopole, accommodating 6no. new antennas and 1no. microwave dish, the replacement of ground-based equipment cabinets, along with minor ancillary works	Tier 1	The replacement of the existing 17.5m monopole with a new 20m monopole, accommodating 6no. new antennas and 1no. microwave dish.The replacement of ground-based equipment cabinets and minor ancillary works	1.07	21.86	19.31	1.07	8.04	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RWAT7BOT0B900&activeTab=summary	857	The replacement of the existing 20m monopole with a new 20m monopole, accommodating 6no. new antennas and 1no. microwave dish, the replacement of ground-based equipment cabinets, along with minor ancillary works	Tier 1	The replacement of the existing 20m monopole with a new 20m monopole, accommodating 6no. new antennas and 1no. microwave dish, the replacement of ground-based equipment cabinets, along with minor ancillary works	1.76	22.72	20.22	1.76	9.08	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=RVXEBYOTGBG00&activeTab=summary	858	Discharge of condition 8 pursuant to permission 07/2021/01163/FUL for erection of 7 blocks for employment use, parking, landscaping, substations and ancillary works following demolition of existing structures.	Tier 1	Discharge of condition 8 pursuant to permission 07/2021/01163/FUL for erection of 7 blocks for employment use, parking, landscaping, substations and ancillary works following demolition of existing structures.	6.08	27.04	24.52	6.08	13.30	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1151&Id1=2023111 40931276ebeba6cc5c9e90a	859	Widening of the access road	Tier 1	Widening of the access road off the new road network (The Preston Western Distributor and the East West Link Road).	2.55	18.84	16.35	2.55	5.29	Under construction	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1091&Id1=2025022 51441378a9e870 3b420f18e	860	7no. dwellings and associated works	Tier 1	The application proposes the erection of 7no. dwellings and associated works including 4no. new access points off Halfpenny Lane. The proposed new dwellings would form two clusters of development on either side of the access track to the Ashes Farm. The proposed dwellings would create a linear form of development along Halfpenny Lane and would front onto this road. The dwellings are all detached and come in three different styles. Type A and Type B, of which there will be three units each, are two storeys with five bedrooms and Type C, of which there will be one unit, is a three-bedroom, single storey dwelling	12.66	30.17	27.79	12.66	17.05	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1023&Id1=2023111 40931276ebeba6cc5c9e90a	861	Permission in principle for 8no. Dwellings	Tier 1	Permission in principle for 8no. Dwellings	7.48	24.54	22.15	7.48	11.34	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1003&Id1=2023111 40931276ebeba6cc5c9e90a	862	Erection of 800 kVA substation	Tier 1	Erection of 800 kVA substation	3.57	23.63	21.05	3.57	9.72	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0967&Id1=2023111 4111537b64e1bf4 e2ea6631	863	Hybrid application seeking full planning permission for the erection of buildings for expansion of the existing JJ Sandhams, 7 no. commercial units (Class E(g) (iii)) and outline planning permission for a convenience store (Class E(a)) and coffee shop drive with thru elements (Class E(b)) (Article 24 consultation)	Tier 1	'Hybrid application seeking: (i) full planning permission for the erection of buildings totalling 435sqm floorspace for expansion of the existing cheese manufacturing business, 7 no. commercial units (Class E(g) (iii)) totalling 1,594sqm floor space, and (ii) outline planning permission for maximum 351sqm convenience store (Class E(a)) and maximum 195sqm coffee shop drive with thru elements (Class E(b))'	8.25	22.52	20.19	8.25	10.32	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0937&Id1=20231114111537b64e1bf4e2ea6631	864	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of a Motorway Services Area	Tier 1	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of a Motorway Services Area	4.25	19.46	17.06	4.25	6.34	EIA not required	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0916&Id1=20231114111537b64e1bf4e2ea6631	865	5-7 storey building comprising of 41no. serviced apartments (Class C1) and 1no. restaurant unit (Class E) following demolition of 12-14 Avenham Street.	Tier 1	Demolition of existing building on site and erection of new build serviced accommodation (Use Class C1) providing 41 serviced apartments with a ground floor commercial unit (Use Class E)	3.71	24.25	21.67	3.71	10.33	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0871&Id1=20231114111537b64e1bf4e2ea6631	866	Erection of 1no. manufacturing facility (Use Class B2) and associated vehicular access works, parking provision, service yard, landscaping and boundary treatment	Tier 1	This application seeks full planning permission for the erection of a manufacturing facility (Use Class B2), alongside associated vehicular access works, parking provision, servicing facilities, landscaping and boundary treatment. The most important concern is to ensure the functionality of the site, given the need for the scale of the operation that it will support. The proposed development applied for under this application equates to 5,360sqm (GIA). The building will be located centrally within the site, with the associated infrastructure and parking provision laid out around it.	8.96	28.44	25.92	8.96	14.73	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0830&Id1=20231114111537b64e1bf4e2ea6631	867	102no. affordable dwellings with access from Sidgreaves Lane combined with highway and footway improvements, and ancillary open space with SuDS (sustainable drainage) pond	Tier 1	"The erection of 102 affordable homes together with access from Sidgreaves Lane, footpath link to Buckthorn Drive and ancillary open space with SuDS (sustainable drainage) pond. The 102 dwellings will consist of: • 64 houses (63%) • 19 ground floor level access maisonettes (19%) • 19 first floor maisonettes (19%)	2.48	18.93	16.43	2.48	5.36	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0818&Id1=20231114111537b64e1bf4e2ea6631	868	Outline planning application (access applied for only with all other matters reserved) for up to 380 residential units (Class C3) and up to 900 sqm of flexible Class C3/Class E floorspace (flexible use is sought in accordance with Schedule 2, Part 3, Class V of the Town and Country Planning (General Permitted Development) (England) Order 2015) and associated works	Tier 1	Outline planning application (access applied for only with all other matters reserved) for up to 380 residential units (Class C3) and up to 900 sqm of flexible Class C3/Class E floorspace (flexible use is sought in accordance with Schedule 2, Part 3, Class V of the Town and Country Planning (General Permitted Development) (England) Order 2015) and associated works	4.19	24.70	22.12	4.19	10.78	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0799&Id1=20231114111537b64e1bf4e2ea6631	869	68no. dwellings and associated works (pursuant to 06/2020/0167 to seek variation of condition no.16)	Tier 1	68no Dwellings and associated works at Land off Garstang Road, Barton	6.80	22.36	19.99	6.80	9.56	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0778&Id1=20231114111537b64e1bf4e2ea6631	870	2no. steel portal framed buildings providing 16no. Class B2 units with associated infrastructure including balancing pond and landscaping	Tier 1	2no. steel portal framed buildings providing 16no. Class B2 units with associated infrastructure including balancing pond and landscaping	8.43	27.88	25.35	8.43	14.16	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0755&Id1=20231115105611557e1984bce0df3a	871	Installation of a substation, 8no. electric vehicle charge points and associated electrical equipment	Tier 1	Installation of a substation, 8no. electric vehicle charge points and associated electrical equipment	4.33	24.81	22.23	4.33	10.89	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0744&Id1=20231115105611557e1984bce0df3a	872	Erection of five storey block of student accommodation comprising of 69no flats to accommodate 298 students, provision of access and car parking areas (amended scheme to that approved under 06/2002/1090) (outline proposal) (pursuant to 06/2004/0168 to seek variation of condition no.11)	Tier 1	A purpose built 298 bedroom student accommodation facility As per the planning numbers associated with the Leighton Hall development and provided by Preston Council: 06/2002/1090 06/2004/0168 06/2004/0736 As part of the approval the planning condition for use states: The building shall "only be occupied by persons registered as full time students at a recognised educational establishment".. This is the clause that LHMC are requesting a variation for as illustrated below: The planning agreed for for Leighton Hall in 2004 was specific to student use only. Since then other developments have been able to widen this term to include Key Workers such as nurses. In addition to this the supply of accommodation for students has exceeded demand leading to considerable voids across the developments in Preston . Accordingly LHMC as the managing company for the site is requesting the council to widen the scope of use to include the inclusion of students and Key workers. This will enable LHMC to optimise the occupancy across the halls and at the same time provide much needed reasonably priced accommodation to a valuable sector of the UK economy. It will also ensure that Leighton Halls is not at a disadvantage to most of the other student Halls in Preston that benefit from being able to attract customers from a wider section of the community. This seen as critical for the ongoing	3.09	23.36	20.78	3.09	9.43	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0731&Id1=20231115105611557e1984bce0df3a	873	Outline planning application seeking approval for access, appearance, scale and layout for 2no. blocks of up to 10 and 12 storeys in height, accommodating up to 132no. residential apartments, ground floor Class E commercial uses, roof top terrace and gardens, car parking and associated development (with landscaping a reserved matter)	Tier 1	Outline planning application (access, appearance, scale and layout applied for) for the erection of 2 no. blocks up to 10 and 12 storeys in height accommodating up to 132 residential apartments, ground floor Class E commercial uses, roof top terrace and roof top gardens, car parking and associated development.	3.04	23.10	20.52	3.04	9.18	Pending	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0709&Id1=20231115105611557e1984bce0df3a	874	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of up to 380 residential units with means of access to the public highway	Tier 1	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of up to 380 residential units with means of access to the public highway	4.20	24.70	22.12	4.20	10.77	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0600&Id1=20231115105611557e1984bce0df3a	875	eserved matters application (namely landscaping) pursuant to outline permission 06/2022/0556 for 40no. Apartments	Tier 1	Reserved matters application (namely landscaping) pursuant to outline permission 06/2022/0556 for 40no. Apartments	1.06	21.14	18.56	1.06	7.22	Permitted	Yes	Yes	d	d	c	d	c	d	a	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0597&Id1=20231115105611557e1984bce0df3a	876	10no. commercial units for a mix use of Commercial, Business and Service (Class E) General industrial (Class B2) and Storage or distribution (Class B8) (pursuant to 06/2020/0941 to seek variation of condition no.1, 3, 4, 5, 6 ,7, 8, 9, 10, 11, 12, 16, and 17)	Tier 1	10no. commercial units for a mix use of Commercial, Business and Service (Class E) General industrial (Class B2) and Storage or distribution (Class B8)	5.04	22.64	20.19	5.04	9.17	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0759	877	ERECTION OF TWO BUILDINGS TO PROVIDE A TOTAL OF 12 EMPLOYMENT UNITS FOR USE AS GENERAL INDUSTRY (B2) OR STORAGE AND DISTRIBUTION (CLASS B8), WITH ASSOCIATED VEHICULAR ACCESS FROM NAZE LANE EAST AND CAR PARKING ARRANGEMENTS.	Tier 1	The applicant seeks planning permission for the erection of two single storey buildings comprising 12 industrial units, to be used for purposes falling within Use Classes B1 and B2. It is intended that the proposed industrial units will function as 'starter units' for small businesses. The proposed buildings will measure 37.2 by 14.1m. They will have pitched roofs with a height of 4.9m to eaves and 6.9m to ridge. On its front elevation, the buildings will feature roller shutter doors and standard pedestrian doors; one of each to serve each unit, with fire doors to the rear. No other window and door openings are proposed apart from a series of polycarbonate roof lights. The buildings will be constructed in fire resistant composite sheets to have the appearance of typical industrial units while providing and an adequate level of safety.	1.74	13.33	10.87	1.74	2.07	Refused	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0593	878	FORMATION OF 5.4 METRE WIDE VEHICULAR ACCESS TO SOUTH PROMENADE	Tier 1	FORMATION OF 5.4 METRE WIDE VEHICULAR ACCESS TO SOUTH PROMENADE	1.58	2.64	1.58	1.69	11.53	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0739	879	SCOPING OPINION IN RESPECT OF A 49.9MW SOLAR FARM	Tier 1	The proposed development as a whole comprises the construction and operation of a 49.9 MW solar farm development and the associated infrastructure, including; □ Solar PV modules mounted on to frames to form arrays; □ Inverter units; □ Transformers; □ Switch room; □ Fencing and security measures (thermal CCTV); □ Access tracks; □ Onsite cabling and □ Offsite cabling. □ Landscaping; and □ Habitat enhancement.	0.12	16.32	13.75	0.12	2.46	Permitted	Yes	Yes	c	c	c	c	c	c	d	c	c	c	c

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0898	880	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING BUILDING AND ERECTION OF FOUR STOREY BUILDING COMPRISING 14 TWO-BEDROOM APARTMENTS WITH ASSOCIATED PARKING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	Tier 1	OUTLINE APPLICATION FOR DEMOLITION OF EXISTING BUILDING AND ERECTION OF FOUR STOREY BUILDING COMPRISING 14 TWO-BEDROOM APARTMENTS WITH ASSOCIATED PARKING (ACCESS, LAYOUT AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED)	1.44	2.58	1.44	1.44	11.46	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0664	881	1 NO. LV SUBSTATION AND 3 NO. HV SUBSTATIONS UPON NEW HARDSTANDING	Tier 1	1 NO. LV SUBSTATION AND 3 NO. HV SUBSTATIONS UPON NEW HARDSTANDING	2.39	12.25	9.90	2.39	3.23	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0589	882	HYBRID PLANNING APPLICATION RELATING TO ENTERPRISE ZONE DEVELOPMENT CONSISTING OF FULL APPLICATION THE CONSTRUCTION OF NEW ACCESS ROADS, EXISTING HIGHWAYS IMPROVEMENT WORKS AND DRAINAGE WORKS; AND OUTLINE PLANNING APPLICATION FOR THE CONSTRUCTION OF 5 NO. HANGARS, A COMMERCIAL UNIT (CLASS B2 / E(G)) AND CAR PARKING, ALONGSIDE ASSOCIATED INFRASTRUCTURE WORKS WITH ACCESS APPLIED FOR AND ALL OTHER MATTERS RESERVED	Tier 1	Hybrid planning application comprising of; full planning application for the construction of new access roads, existing highways improvement works and drainage works and outline planning application for the construction of 5 no. hangars, a commercial unit and car parking, alongside associated infrastructure works	0.00	2.31	0.00	0.22	11.26	Pending	Yes	Yes	c	c	c	c	c	c	d	c	c	c	e
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0637	883	OUTLINE PLANNING APPLICATION FOR THE DEMOLITION OF THE EXISTING BUILDINGS AND STRUCTURES, AND THE ERECTION OF A RESIDENTIAL CARE HOME WITH UP TO 76 BEDROOMS (USE CLASS C2), INCLUDING A SUB-STATION, VEHICULAR ACCESS, CAR PARKING, SERVICING AND OTHER ASSOCIATED WORKS, (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR ONLY).	Tier 1	OUTLINE PLANNING APPLICATION FOR THE DEMOLITION OF THE EXISTING BUILDINGS AND STRUCTURES, AND THE ERECTION OF A RESIDENTIAL CARE HOME WITH UP TO 76 BEDROOMS (USE CLASS C2), INCLUDING A SUB-STATION, VEHICULAR ACCESS, CAR PARKING, SERVICING AND OTHER ASSOCIATED WORKS, (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR ONLY).	0.99	10.88	8.43	0.99	3.41	Refused	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0553	884	ERECTION OF A FOUR STOREY BUILDING WITH BASEMENT PARKING AREA TO PROVIDE 5 NO. APARTMENTS	Tier 1	ERECTION OF A FOUR STOREY BUILDING WITH BASEMENT PARKING AREA TO PROVIDE 5 NO. APARTMENTS	2.50	6.04	4.49	2.50	8.81	Withdrawn	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0572	885	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2017 IN RESPECT OF A RESIDENTIAL DEVELOPMENT PROJECT AT LAND NORTH AND SOUTH OF OLD HOUSE LANE IN WESTBY (THE MARTON ESTATE)	Tier 1	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2017 IN RESPECT OF A RESIDENTIAL DEVELOPMENT PROJECT AT LAND NORTH AND SOUTH OF OLD HOUSE LANE IN WESTBY (THE MARTON ESTATE)	1.97	5.01	2.82	1.97	9.09	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0561	886	INSTALLATION OF 180 ROOF-MOUNTED SOLAR PHOTOVOLTAIC PANELS WITH ASSOCIATED PROTECTIVE BARRIERS, GANTRY, WALKWAY AND ACCESS STAIRCASE	Tier 1	INSTALLATION OF 180 ROOF-MOUNTED SOLAR PHOTOVOLTAIC PANELS WITH ASSOCIATED PROTECTIVE BARRIERS, GANTRY, WALKWAY AND ACCESS STAIRCASE	2.35	12.22	9.88	2.35	3.22	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0128	887	ERECTION OF 3 COMMERCIAL BUILDING CONSISTING OF 8 NO. UNITS UNDER USE CLASS E(G)(III) AND USE CLASS B8, INCLUDING NEW VEHICULAR ACCESS ARRANGEMENT FROM BRUNEL WAY, ASSOCIATED CAR PARKING AND LANDSCAPING ARRANGEMENTS.	Tier 1	ERECTION OF 3 COMMERCIAL BUILDING CONSISTING OF 8 NO. UNITS UNDER USE CLASS E(G)(III) AND USE CLASS B8, INCLUDING NEW VEHICULAR ACCESS ARRANGEMENT FROM BRUNEL WAY, ASSOCIATED CAR PARKING AND LANDSCAPING ARRANGEMENTS.	2.08	4.91	2.75	2.08	9.27	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/23/0476	888	RESUBMISSION OF PLANNING APPLICATION 21/0785 - ERECTION OF 62 AFFORDABLE DWELLINGS WITH VEHICULAR ACCESS FROM CROPPER ROAD, ASSOCIATED INTERNAL ESTATE ROAD, FLOOD ATTENUNATION AREA AND PEDESTRIAN/CYCLE LINKS	Tier 1	RESUBMISSION OF PLANNING APPLICATION 21/0785 - ERECTION OF 62 AFFORDABLE DWELLINGS WITH VEHICULAR ACCESS FROM CROPPER ROAD, ASSOCIATED INTERNAL ESTATE ROAD, FLOOD ATTENUNATION AREA AND PEDESTRIAN/CYCLE LINKS	1.29	4.80	2.47	1.29	8.97	Withdrawn	Yes	Yes	g	g	g	g	g	g	d	g	g	g	g
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67495	889	Erection of a part 5, part 6 storey hotel with 143 bedrooms and ancillary facilities, with car parking to rear accessed from Woodfield Road and landscaped external seating area to front. | SITE BOUNDED BY THE PROMENADE, ST CHADS ROAD, WOODFIELD ROAD AND BOLTON STREET BLACKPOOL, FY1 6BN	Tier 1	Erection of a part 5, part 6 storey hotel with 143 bedrooms and ancillary facilities, with car parking to rear accessed from Woodfield Road and landscaped external seating area to front. | SITE BOUNDED BY THE PROMENADE, ST CHADS ROAD, WOODFIELD ROAD AND BOLTON STREET BLACKPOOL, FY1 6BN	2.81	3.33	2.81	3.63	13.26	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_67477	890	Hybrid application comprising of : Outline - Erection of buildings for use as education led mixed use development (Use Class F1(a)) and office (Class E(g)), creation of new public realm with associated landscaping, car parking and works. Full - Demolition of existing building and structures | LAND BOUNDED BY COOKSON STREET, MILBOURNE STREET, GROSVENOR STREET AND GEORGE STREET, BLACKPOOL	Tier 1	Hybrid application comprising of : Outline - Erection of buildings for use as education led mixed use development (Use Class F1(a)) and office (Class E(g)), creation of new public realm with associated landscaping, car parking and works. Full - Demolition of existing building and structures | LAND BOUNDED BY COOKSON STREET, MILBOURNE STREET, GROSVENOR STREET AND GEORGE STREET, BLACKPOOL	4.52	5.31	4.52	5.22	13.33	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_67424&activeTab=summary	891	Erection of a 3-storey building for use as court-house with judicial chambers, administrative space, custody facilities, public waiting facilities, with associated landscaping, partial removal of existing wall to create new pedestrian access and new vehciular access onto Talbot Road, car parking for up to 95 vehicles and cycle parking.	Tier 1	Erection of a 3-storey building for use as court-house with judicial chambers, administrative space, custody facilities, public waiting facilities, with associated landscaping, partial removal of existing wall to create new pedestrian access and new vehciular access onto Talbot Road, car parking for up to 95 vehicles and cycle parking. | LAND AT THE JUNCTION OF TALBOT ROAD AND DEVONSHIRE ROAD (FORMER HOSPITAL SITE), BLACKPOOL, FY3 8A	5.00	5.90	5.00	5.66	13.21	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67379	892	Erection of 14 detached dwellings with associated landscaping (outline application specifying access, appearance, landscaping and layout). | LAND AT VIRGINIA COTTAGE, BENNETTS LANE, BLACKPOOL, FY4 5BE	Tier 1	Erection of 14 detached dwellings with associated landscaping (outline application specifying access, appearance, landscaping and layout)	1.29	3.37	1.32	1.29	10.57	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_67332	893	Removal of existing sports barn and provision of a MUGA (Multi-Use Games Area) including polymeric surface, fencing, LED floodlighting, and ancillary equipment to existing sports arena. | SURE START TALBOT AND BRUNSWICK, GORTON STREET, BLACKPOOL, FY1 3JW	Tier 1	Removal of existing sports barn and provision of a MUGA (Multi-Use Games Area) including polymeric surface, fencing, LED floodlighting, and ancillary equipment to existing sports arena.	4.63	5.50	4.63	5.31	13.17	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67331	894	Replacement MUGA (Multi-Use Games Area) including polymeric surface, fencing, LED floodlighting, and ancillary equipment. | FISHERS FIELD, HIGHFIELD ROAD, BLACKPOOL,	Tier 1	Replacement MUGA (Multi-Use Games Area) including polymeric surface, fencing, LED floodlighting, and ancillary equipment	0.96	2.61	0.96	1.61	11.62	Permitted	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67321	895	Installation of electrical substation with associated landscaping and works with access from Geroge Street and use of land as electric vehicle charging station for upto 12 vehicles	Tier 1	Installation of electrical substation with associated landscaping and works with access from Geroge Street and use of land as electric vehicle charging station for upto 12 vehicles	4.85	5.77	4.85	5.51	13.12	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_67279&activeTab=summary	896	Hybrid planning application comprising: (a) Full application for the construction of new access roads, existing highways improvement works and drainage works. (b) Outline planning application for the erection of 5 no. hangars, a commercial unit (Use Class B2 or Eg) and car parking, alongside associated infrastructure works | BLACKPOOL AIRPORT, LAND WEST OF AMY JOHNSON WAY, BLACKPOOL, FY4 2RP	Tier 1	Hybrid planning application comprising: (a) Full application for the construction of new access roads, existing highways improvement works and drainage works. (b) Outline planning application for the erection of 5 no. hangars, a commercial unit (Use Class B2 or Eg) and car parking, alongside associated infrastructure works	0.00	2.37	0.00	0.08	11.19	Pending	Yes	Yes	c	c	c	c	c	c	d	c	c	c	e
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_67268&activeTab=summary	897	Use of vacant land to create a connection through to the existing car park and to create 50 new parking spaces. | SOUTH SHORE PRIMARY CARE CENTRE, LYTHAM ROAD, BLACKPOOL, FY4 1TJ	Tier 1	Use of vacant land to create a connection through to the existing car park and to create 50 new parking spaces.	0.33	1.43	0.33	1.42	12.40	Permitted	Yes	Yes	c	d	c	c	c	c	d	d	c	c	e
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67240	898	Installation of 1no. 20m pole ,6no. Antennas, 1no. 300 dish, 1no. GPs Module, 3no. cabinets and 1no. meter cabinet and associated ancillary works.	Tier 1	Installation of 1no. 20m pole ,6no. Antennas, 1no. 300 dish, 1no. GPs Module, 3no. cabinets and 1no. meter cabinet and associated ancillary works. | CORNER OF CLIFTON DRIVE AND HARROWSIDE BLACKPOOL FY4 1NP	0.74	1.27	0.74	2.05	12.97	Refused	N/A	N/A	f	f	f	f	f	f	g	f	f	f	f

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_67214&activeTab=summary	899	Display of double sided internally illuminated 7m high totem pole. | LAND AT SQUIRES GATE LANE ADJACENT BLACKPOOL RETAIL PARK, BLACKPOOL	Tier 1	Display of double sided internally illuminated 7m high totem pole.	0.39	2.39	0.39	0.74	11.32	Under construction	Yes	Yes	c	d	c	c	c	c	a	d	c	c	a
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67213	900	Installation of 15m high street pole and equipment cabinets with associated works.	Tier 1	Proposed 15m 5G telecoms installation: H3G street pole and additional equipment cabinets.	1.61	3.52	1.61	1.72	10.69	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67165	901	Installation of 1no. 15m monopole, 6no. antennas, 3no. cabinet equipment and associated ancillary equipment.	Tier 1	The installation of a 15m high slim-line monopole, supporting 6 no. antennas, 3 no. equipment cabinets and ancillary development thereto.'	5.59	6.36	5.59	6.27	13.77	Withdrawn	N/A	N/A	g	g	g	g	g	g	g	g	g	g	g
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_67158	902	Installation of 6no. 8m solar lighting columns around the perimeter of the skate park. | BLACKPOOL SKATE PARK, WEST PARK DRIVE, BLACKPOOL, FY3 9HU	Tier 1	Installation of solar lighting columns within Skate Park.	3.71	5.10	3.71	4.19	11.57	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Blackpool	https://idoxpa.blackpool.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	903	Installation of 1no.15m monopole, 2no. equipment cabinets with associated meter cabinet and ancillary works. | PAVEMENT ADJACENT 230 CAUNCE STREET, BLACKPOOL, FY3 8HG	Tier 1	Proposed 15.0m phase 8 street works monopole, 2no. equipment cabinets with associated meter cabinet, and ancillary development thereto.	4.77	5.85	4.77	5.38	12.64	Under construction	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
West Lancashire	2023/0974/FUL | Erection of residential 12 dwellings with associated parking and access. | Blythewood Digmoor Skelmersdale Lancashire (westlancs.gov.uk)	904	Erection of residential 12 dwellings with associated parking and access.	Tier 1	Erection of residential 12 dwellings with associated parking and access. (Block of Flats)	21.66	31.12	30.25	21.66	25.23	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
West Lancashire	2023/0925/FUL | Proposal for the construction of a 45 unit business park in B8 use, with two ancillary cafe/retail units (use class E. (A),E(b) with associated car parking,landscaping, amenity space and access on... | Land Adjacent M58 Moss Lane Skelmersdale Lancashire (westlancs.gov.uk)	905	Proposal for the construction of a 45 unit business park in B8 use, with two ancillary cafe/retail units (use class E. (A),E(b) with associated car parking,landscaping, amenity space and access on land south of Junction 4 of the M58.	Tier 1	Proposal for the construction of a 45 unit business park in B8 use, with two ancillary cafe/retail units (use class E. (A),E(b) with associated car parking,landscaping, amenity space and access on land south of Junction 4 of the M58	22.16	30.42	29.66	22.16	25.29	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire	2023/0917/FUL | Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... | Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH (westlancs.gov.uk)	906	Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... | Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH	Tier 1	Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated hard and soft landscaping.	22.87	32.23	31.39	22.87	26.48	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire	2023/0761/FUL | Proposed mixed use development - including six dwellings, a block of office accommodation and associated access, parking and landscape following demolition of existing buildings. | Valera Ltd Plox Brow Tarleton Preston Lancashire PR4 6HB (westlancs.gov.uk)	907	Proposed residential development - including five dwellings and two apartment blocks (8 flats) with associated access, parking and landscaping following demolition of existing buildings | Valera Ltd Plox Brow Tarleton Preston Lancashire PR4 6HB	Tier 1	Proposed residential development - including five dwellings and two apartment blocks (8 flats) with associated access, parking and landscaping following demolition of existing buildings	7.47	18.08	16.38	7.47	9.43	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
West Lancashire	2023/0654/FUL | Construction of a Slurry Lagoon | Fearns Farm Liverpool Road Tarleton Preston Lancashire L40 1SQ (westlancs.gov.uk)	908	Construction of a Slurry Lagoon | Fearns Farm Liverpool Road Tarleton Preston Lancashire L40 1SQ	Tier 1	Construction of a Slurry Lagoon	10.40	19.61	18.26	10.40	12.40	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire	2023/0809/FUL | Erection of residential 29 dwellings with associated parking and access road. | Land To The West Of Maryvale Skelmersdale Lancashire (westlancs.gov.uk)	909	Erection of residential 29 dwellings with associated parking and access road	Tier 1	Erection of residential 29 dwellings with associated parking and access road	19.93	29.41	28.50	19.93	23.39	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire	2023/0787/OUT | Outline Application: Erection of 10 no. affordable houses (some matters reserved). | Land To The East Of Boundary Lane Hesketh Bank Lancashire (westlancs.gov.uk)	910	Erection of 10 no. affordable houses (some matters reserved). | Land To The East Of Boundary Lane Hesketh Bank Lancashire	Tier 1	Outline Application: Erection of 10 no. affordable houses (some matters reserved). | Land To The East Of Boundary Lane Hesketh Bank Lancashire	6.53	16.12	14.29	6.53	7.45	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/23/0864	911	REMODELLING WORKS TO THE GOLF COURSE ASSOCIATED WITH HOSTING FUTURE CHAMPIONSHIP TOURNAMENTS,	Tier 1	REMODELLING WORKS TO THE GOLF COURSE ASSOCIATED WITH HOSTING FUTURE CHAMPIONSHIP TOURNAMENTS, CONSISTING OF THE ADDITION OF A NEW PRACTICE GROUND AND PRACTICE TEE; BUILDING OF A NEW TEE ON THE 14TH HOLE; ALTERATIONS TO REROUTE THE 11TH FAIRWAY; WORKS TO IMPROVE THE ROAD SYSTEM TO PROVIDE ACCESS AROUND THE COURSE FOR ROUTINE MAINTENANCE AND FOR HOSTING FUTURE CHAMPIONSHIP TOURNAMENTS, ASSOCIATED PROVISION / ALTERATION IRRIGATION SYSTEMS, DRAINAGE TO BUNKER BASES AND ADDITIONAL MINOR LANDSCAPING WORKS.	1.46	3.35	1.78	1.46	10.68	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/23/0830	912	CHANGE OF USE OF LAND FOR SITING 10 NO. HOLIDAY LODGES	Tier 1	Use of land for siting 6 number additional holiday lodges adjacent to the 4 lodges approved under 22/0657.	3.47	7.21	5.09	3.47	7.92	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/23/0867	913	OUTLINE PLANNING APPLICATION (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED) FOR RESIDENTIAL DEVELOPMENT OF UP TO 266 DWELLINGS FOLLOWING DEMOLITION OF EXISTING BUILDINGS, INCLUDING PROVISION OF ELECTRICITY SUBSTATIONS, PUBLIC OPEN SPACE, LANDSCAPING, DRAINAGE AND OTHER ASSOCIATED INFRASTRUCTURE.	Tier 1	Outline planning application with all matters reserved (except access) for residential development comprising up to 266 dwellings, electricity substations, public open space, landscaping, drainage and other associated infrastructure.	1.84	5.03	2.80	1.84	8.99	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble	https://publicaccess.southribble.gov.uk/online-applications/simpleSearchResults.do?action=firstPage	914	Variation of condition 2 of application Reference Number: 07/2022/00052/VAR - Variation/removal of conditions 2, 5, 12-14 of permission 07/2021/00252/FUL for development of a 49.99 MW Battery Storage Facility, with associated infrastructure and landscaping.	Tier 1		0.02	20.86	18.32	0.02	7.11	Under construction	Yes	Yes	c	c	c	c	c	c	a	c	c	c	c
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0023&Id1=20240208100955c96627cd6f17ee7c	915	49no. two storey affordable homes, estate road with access from Lightfoot Lane, adoptable footway along the site frontage to Lightfoot Lane with new pedestrian footpath links to the existing footpath between 15 and 17 Oakwood Drive and to the roundabout at the junction of Tabley Lane and Tyneham Way, along with ancillary works including laying out of open space and retention of the existing on-site pond	Tier 1	The erection of 49 No. Two storey affordable homes and new estate road including new access from Lightfoot Lane, including construction of a new 2 metre wide adoptable footway along the site frontage to Lightfoot Lane with new pedestrian footpath links to the existing footpath between 15 and 17 Oakwood Drive and to the roundabout at the junction of Tabley Lane and Tyneham Way along with ancillary works, including laying out of open space and retention of the existing on site pond.	3.57	20.86	18.38	3.57	7.34	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1379&Id1=20240301111423d74d85f0215ef92x	916	Erection of a two storey Sports Hub with café and changing accommodation at ground floor and classrooms and offices at first floor; construction of a 3G pitch with 6no. 15m high floodlight columns and 4.5m high fencing; engineering operations to create 6no. level grassed pitches, 120no. space car park, new foot/cycleways within the park, junction improvements to Pedders Lane and widening of the internal access road with associated lighting; and landscaping following the demolition of the former pavilion building and ancillary structures	Tier 1	Erection of a two storey Sports Hub with café and changing accommodation at ground floor and classrooms and offices at first floor; construction of a 3G pitch with 6no. 15m high floodlight columns and 4.5m high fencing; engineering operations to create 6no. level grassed pitches, 120no. space car park, new foot/cycleways within the park, junction improvements to Pedders Lane and widening of the internal access road with associated lighting; and landscaping following the demolition of the former pavilion building and ancillary structures	1.51	21.20	18.62	1.51	7.27	Permitted	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1356&Id1=20240301111423d74d85f0215ef92x	917	1no. industrial unit (Class B2/B8) with ancillary offices and trade counter (pursuant to 06/2021/1467 to vary condition no.5 Building Research Establishment Environmental Assessment Method)	Tier 1	1no. industrial unit (Class B2/B8) with ancillary offices and trade counter (pursuant to 06/2021/1467 to vary condition no.5 Building Research Establishment Environmental Assessment Method)	7.82	27.31	24.78	7.82	13.57	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1316&Id1=20240208100955c96627cd6f17ee7c	918	Part-four, part-eleven and part-nineteen storey building containing 280 apartments with ground floor commercial (Class E) accommodation, ancillary service and communal areas, cycle storage, refuse and plant storage, hard and soft landscaping, roof top plant, and associated works, following demolition of existing buildings	Tier 1	Demolition of existing buildings and development of part-four, part-eleven and part-nineteen storey building containing 280 apartments with ground floor commercial (Class E) accommodation, ancillary service and communal areas, cycle storage, refuse and plant storage, hard and soft landscaping, roof top plant, and associated works	3.94	24.44	21.86	3.94	10.51	Pending	Yes	Yes	d	d	d	d	c	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1304&Id1=20240208100955c96627cd6f17ee7c	919	Outline application seeking approval for access only for the erection of 1no. foodstore (3338sqm net) (Class A1),1no. petrol filling station,23no. dwellings,refurbishment of 16no. dwellings on Thorn Street,change of use of public house to community facility (Class D1/D2); creation of car and coach park for West View Leisure Centre; alterations to junction of West View and Ribbleton Lane; alterations to and pedestrian access from Emerson Road; landscaped area with footpath adjacent to West View; use of land off Emerson Road for allotments and school play facilities and use of land off West View for leisure centre facilities (pursuant to 06/2016/0253 to seek variation of condition no.5 opening hours)	Tier 1	Outline application seeking approval for access only for the erection of 1no. foodstore (3338sqm net) (Class A1),1no. petrol filling station,23no. dwellings,refurbishment of 16no. dwellings on Thorn Street,change of use of public house to community facility (Class D1/D2); creation of car and coach park for West View Leisure Centre; alterations to junction of West View and Ribbleton Lane; alterations to and pedestrian access from Emerson Road; landscaped area with footpath adjacent to West View; use of land off Emerson Road for allotments and school play facilities and use of land off West View for leisure centre facilities (pursuant to 06/2011/0681 to seek the removal of condition no.10 "delivery hours").	5.50	25.54	22.97	5.50	11.65	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/1249&Id1=20240208100955c96627cd6f17ee7c	920	Outline application for the construction of a new building comprising 2no. trade counter units (Class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds seeking approval for access and layout only (all other matters reserved)	Tier 1	Construction of a new building comprising 2 no. trade counter units (use class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds	2.56	22.80	20.22	2.56	8.87	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d
Preston City Council	Planning Application View (preston.gov.uk)	921	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2018/1356 for 26no. dwellings (pursuant to 06/2022/1000 to seek variation of condition no.1 approved plans)	Tier 1	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline permission 06/2018/1356 for 26no. dwellings (pursuant to 06/2022/1000 to seek variation of condition no.1 approved plans)	9.25	25.92	23.54	9.25	12.94	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?keyVal=_BLCKP_DCAPR_67551&activeTab=summary	922	Erection of a new waste treatment building, siting of portacabin style offices and welfare facilities and installation of a soil washing plant for waste processing to treat up to 250,000 tonnes of construction, demolition and excavation waste per annum to produce recycled aggregates with associated access, parking, electical vehicle charging points and cycle store.	Tier 1	Change of use of the site for waste processing to treat construction, demolition and excavation waste to produce recycled aggregates; including construction of a new waste treatment building, siting of portacabin style offices and welfare facilities and installation of a soil washing plant	2.53	5.03	2.98	2.53	9.45	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	c
West Lancashire	https://pa.westlancs.gov.uk/online-applications/applicationDetails.do?keyVal=S6C3WCRHHEN00&activeTab=summary	923	Full planning permission for the erection of 3no. industrial units, (use class B8) with ancillary office space, new access, car parking, servicing, landscaping and other associated works	Tier 1	Full planning permission for the erection of 3no. industrial units, (use class B8) with ancillary office space, new access, car parking, servicing, landscaping and other associated works	27.35	31.35	30.94	27.35	29.21	Refused	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
barrow in Furness	Planning Application Search (barrowbc.gov.uk)	924	Application to modify the Unilateral Undertaking dated 13th January 2003 (Section 106) to permit the continued operation of the wind farm for a further 10 years expiring August 2029.	Tier 1	Application to modify the Unilateral Undertaking dated 13th January 2003 (Section 106) to permit the continued operation of the wind farm for a further 10 years expiring August 2029.	40.23	40.23	46.30	47.00	50.56	Operational	Yes	Yes	d	d	d	d	d	d	g	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Sefton council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=S5YPDHNW08N00	925	Request for screening opinion for the repowering of the Royal Seaforth Dock wind turbines at Maritime Centre, Bootle|Maritime Centre Royal Seaforth Dock Seaforth L21 1LA	Tier 1	Request for screening opinion for the repowering of the Royal Seaforth Dock wind turbines at Maritime Centre, Bootle. The repowering proposal will involve the lowering of the existing five turbines and erection of four Enercon E138 turbines in replacement	31.84	31.84	33.06	33.14	35.64	EIA required	Not known	Not known	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0084	926	FORMATION OF NEW ACCESS ONTO NORTH HOUSES LANE (KNOWN VARIOUSLY AS THE 'B5410', THE 'T6 ROAD' AND THE 'M55 LINK ROAD') AND CONSTRUCTION OF CONNECTING ROAD BETWEEN NEW ACCESS AND INTERNAL SPINE ROAD OF THE RICHMOND POINT DEVELOPMENT (KNOWN AS 'PARKINSON BOULEVARD') INCLUDING ASSOCIATED HIGHWAY RECONFIGURATION WORKS ON NORTH HOUSES LANE, SUPPORTING INFRASTRUCTURE AND LANDSCAPING	Tier 1	FORMATION OF NEW ACCESS ONTO NORTH HOUSES LANE (KNOWN VARIOUSLY AS THE 'B5410', THE 'T6 ROAD' AND THE 'M55 LINK ROAD') AND CONSTRUCTION OF CONNECTING ROAD BETWEEN NEW ACCESS AND INTERNAL SPINE ROAD OF THE RICHMOND POINT DEVELOPMENT (KNOWN AS 'PARKINSON BOULEVARD') INCLUDING ASSOCIATED HIGHWAY RECONFIGURATION WORKS ON NORTH HOUSES LANE, SUPPORTING INFRASTRUCTURE AND LANDSCAPING	0.77	4.50	1.98	0.77	9.15	Pending	Yes	Yes	c	d	c	c	c	c	d	d	d	c	e
Fylde Council	pa.fylde.gov.uk/Planning/Display/23/0562	928	DEMOLITION OF EXISTING CAR WASH AND WORKSHOP FACILITY AND CONSTRUCTION OF PETROL FILLING STATION (USE CLASS SUI GENERIS) WITH 185 SQUARE METRES OF RETAIL FLOOR SPACE (USE CLASS E), ERECTION OF CANOPY OVER FORECOURT, CONSTRUCTION OF TWO FREESTANDING JET WASH BAYS, INSTALLATION OF 2.4 METRE HIGH ACOUSTIC FENCING TO PERIMETER OF JET WASH BAYS, PROVISION OF VEHICLE PARKING AND ASSOCIATED INFRASTRUCTURE	Tier 1	DEMOLITION OF EXISTING CAR WASH AND WORKSHOP FACILITY AND CONSTRUCTION OF PETROL FILLING STATION (USE CLASS SUI GENERIS) WITH 185 SQUARE METRES OF RETAIL FLOOR SPACE (USE CLASS E), ERECTION OF CANOPY OVER FORECOURT, CONSTRUCTION OF TWO FREESTANDING JET WASH BAYS, INSTALLATION OF 2.4 METRE HIGH ACOUSTIC FENCING TO PERIMETER OF JET WASH BAYS, PROVISION OF VEHICLE PARKING AND ASSOCIATED INFRASTRUCTURE	0.34	13.70	11.14	0.34	0.60	Refused	Yes	Yes	c	c	c	c	c	c	d	c	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/23/0713	929	DEMOLITION OF EXISTING DWELLING, STABLES AND EQUESTRIAN ARENA AND ERECTION OF NINE DETACHED BUNGALOWS INCLUDING RE-POSITIONING OF SITE ACCESS AND PROVISION OF ASSOCIATED INFRASTRUCTURE AND LANDSCAPING	Tier 1	DEMOLITION OF EXISTING DWELLING, STABLES AND EQUESTRIAN ARENA AND ERECTION OF NINE DETACHED BUNGALOWS INCLUDING RE-POSITIONING OF SITE ACCESS AND PROVISION OF ASSOCIATED INFRASTRUCTURE AND LANDSCAPING	0.56	14.31	11.75	0.56	0.64	Refused	Yes	Yes	c	c	c	c	c	c	d	c	d	c	d
Preston City Council	Planning Application View (preston.gov.uk)	930	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed Battery Energy Storgae System	Tier 1	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed Battery Energy Storage System	9.36	23.80	21.48	9.36	11.66	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	Planning Application View (preston.gov.uk)	931	Amendment to planning permission 06/2023/0124 comprising of amending the description to 5-7 storey building comprising 35no. apartments, with associated amenity, co-work space, car parking, partial sub-level gym, and bin and cycle storage, following demolition of two storey canteen/office storage building and footbridge link (non-material amendment not subject to consultation)	Tier 1	Amendment to planning permission 06/2023/0124 comprising of amending the description to 5-7 storey building comprising 35no. apartments, with associated amenity, co-work space, car parking, partial sub-level gym, and bin and cycle storage, following demolition of two storey canteen/office storage building and footbridge link (non-material amendment not subject to consultation)	3.34	23.91	21.33	3.34	9.99	Permitted	Yes	Yes	d	d	d	d	c	d	a	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	Planning Application View (preston.gov.uk)	932	Agricultural building for silage and covered yard area	Tier 1	Agricultural building for silage and covered yard area	6.16	19.14	16.80	6.16	7.09	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2023/0844&Id1=20240301122213e45a07e7836e93d8	933	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline planning permission 06/2022/0745 relating to Plots 6 and 8 for 1no. 13,686sqm warehouse unit, associated tower and operations building (Class B2/B8) and ancillary road, loading and parking infrastructure	Tier 1	Reserved matters application (namely appearance, landscaping, layout and scale) pursuant to outline planning permission 06/2022/0745 relating to Plots 6 and 8 for 1no. 13,686sqm warehouse unit, associated tower and operations building (Class B2/B8) and ancillary road, loading and parking infrastructure	9.22	28.80	26.27	9.22	15.06	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	23/00462/FULMAJ | Erection of 4no. livestock buildings, 2no uncovered storage clamps, 1no. building comprising crop store, workshop and office together with vehicular access and associated yard area. | Croston Hall Farm Carr Lane Croston Leyland PR26 9RE (chorley.gov.uk)	934	Erection of 4no. livestock buildings, 2no uncovered storage clamps, 1no. building comprising crop store, workshop and office together with vehicular access and associated yard area.	Tier 1	rection of 4no. livestock buildings, 2no uncovered storage clamps, 1no. building comprising crop store, workshop and office together with vehicular access and associated yard area.	8.92	22.26	20.59	8.92	12.88	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=S62Y2FETN0700	935	Erection of building comprising 3no. commercial units and 52no. apartments with landscaping and other associated works following demolition of the Magistrates Court building	Tier 1	rection of building comprising 3no. commercial units and 52no. apartments with landscaping and other associated works following demolition of the Magistrates Court building	12.24	30.78	28.76	12.24	18.98	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	23/00981/FULMAJ | Erection of 280no. dwellings with associated landscaping, drainage and other infrastructure. | Land North Of Town Lane Town Lane Whittle-Le-Woods (chorley.gov.uk)	936	Erection of 280no. dwellings with associated landscaping, drainage and other infrastructure. | Land North Of Town Lane Town Lane Whittle-Le-Woods	Tier 2	Erection of 280no. dwellings with associated landscaping, drainage and other infrastructure. | Land North Of Town Lane Town Lane Whittle-Le-Woods	10.60	30.55	28.30	10.60	17.80	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=S8SFSDOTHT800&activeTab=summary	937	Outline application for erection of up to 23 dwellings with associated infrastrucrure (access only applied - all other matetrs reserved)	Tier 1	Outline application for erection of up to 23 dwellings with associated infrastrucrure (access only applied - all other matetrs reserved)	520.55	520.55	541.47	543.62	550.45	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	24/0063 | Installation of a battery storage facility (Substation) ancillary infrastructure and equipment, 2.4 metre high security fence and gates (Application under section 73A of the Planning Act for the variation of condition 2 (approved plans) attached to application reference 21/0908 which was an application to vary conditions 2,3,4,6,7,8 and 10 attached to application reference 21/0246) | 281 BRISTOL AVENUE, BLACKPOOL, FY2 0JF	938	Installation of a battery storage facility (Substation) ancillary infrastructure and equipment, 2.4 metre high security fence and gates (Application under section 73A of the Planning Act for the variation of condition 2 (approved plans) attached to application reference 21/0908 which was an application to vary conditions 2,3,4,6,7,8 and 10 attached to application reference 21/0246)	Tier 1	Installation of a battery storage facility (Substation) ancillary infrastructure and equipment, 2.4 metre high security fence and gates (Application under section 73A of the Planning Act for the variation of condition 2 (approved plans) attached to application reference 21/0908 which was an application to vary conditions 2,3,4,6,7,8 and 10 attached to application reference 21/0246)	520.55	520.55	541.47	543.62	550.45	Under construction	Yes	No	d	d	d	d	d	d	a	d	d	d	d
West Lancashire Borough Council	2024/0103/FUL | Demolition of the former Village Inn public house and construction of two blocks of terrace dwellings, total 10 dwellings, with shared courtyard and amenity space. | The Village Inn 101 High Street Skelmersdale Lancashire WN8 8AT (westlancs.gov.uk)	939	Demolition of the former Village Inn public house and construction of two blocks of terrace dwellings, total 10 dwellings, with shared courtyard and amenity space.	Tier 1	Demolition of the former Village Inn public house and construction of two blocks of terrace dwellings, total 10 dwellings, with shared courtyard and amenity space.	520.55	520.55	541.47	543.62	550.45	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	24/00135/FULMAJ | The erection of 53 affordable homes together with access taken from Rosemount Avenue and the formation of an internal access road , footpath link on to Pilling Road, landscaping, amenity open space, electricity sub-station and surface water pumping station | Land Off Rosemount Avenue Preesall Lancashire (wyre.gov.uk)	940	The erection of 53 affordable homes together with access taken from Rosemount Avenue and the formation of an internal access road , footpath link on to Pilling Road, landscaping, amenity open space, electricity sub-station and surface water pumping station	Tier 1	The erection of 53 affordable homes together with access taken from Rosemount Avenue and the formation of an internal access road , footpath link on to Pilling Road, landscaping, amenity open space, electricity sub-station and surface water pumping station	520.55	520.55	541.47	543.62	550.45	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	24/00108/OUTMAJ | Outline application for the erection of up to 108 no. dwellings (Use Class C3) with all matters reserved except for access, which will be off Brockholes Crescent following demolition of numbers 61 & 63 Brockholes Crescent (pursuant to variation of condition 17 (S278) on permission 16/00742/OUTMAJ to allow for alternative programme of off-site highways works) | Land Off Brockholes Crescent Poulton-Le-Fylde Lancashire (wyre.gov.uk)	941	Outline application for the erection of up to 108 no. dwellings (Use Class C3) with all matters reserved except for access, which will be off Brockholes Crescent following demolition of numbers 61 & 63 Brockholes Crescent (pursuant to variation of condition 17 (S278) on permission 16/00742/OUTMAJ to allow for alternative programme of off-site highways works)	Tier 1	Outline application for the erection of up to 108 no. dwellings (Use Class C3) with all matters reserved except for access, which will be off Brockholes Crescent following demolition of numbers 61 & 63 Brockholes Crescent (pursuant to variation of condition 17 (S278) on permission 16/00742/OUTMAJ to allow for alternative programme of off-site highways works)	520.55	520.55	541.47	543.62	550.45	Pending	Yes	No	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	23/00780/REMMAJ | Reserved matters application (appearance, landscaping, layout and scale) comprising the erection of 118 no. dwellings including internal access roads, public open space, parking and associated infrastructure in pursuant to outline planning permission ref:20/01399/OUTMAJ | Land Adjacent Blainscough Hall Blainscough Lane Coppull (chorley.gov.uk)	942	Reserved matters application (appearance, landscaping, layout and scale) comprising the erection of 118 no. dwellings including internal access roads, public open space, parking and associated infrastructure in pursuant to outline planning permission ref:20/01399/OUTMAJ | Land Adjacent Blainscough Hall Blainscough Lane Coppull	Tier 1	Reserved matters application (appearance, landscaping, layout and scale) comprising the erection of 118 no. dwellings including internal access roads, public open space, parking and associated infrastructure in pursuant to outline planning permission ref:20/01399/OUTMAJ | Land Adjacent Blainscough Hall Blainscough Lane Coppull	14.52	30.46	28.80	14.52	20.33	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Chorley Council	23/00727/OUT | Outline planning application for around 75 dwellings with all matters reserved apart from access. | Hill Top Farm South Hill Top Lane Whittle-Le-Woods Chorley PR6 7QS	943	Outline planning application for around 75 dwellings with all matters reserved apart from access. | Hill Top Farm South Hill Top Lane Whittle-Le-Woods Chorley PR6 7QS	Tier 1	Outline planning application for around 75 dwellings with all matters reserved apart from access. | Hill Top Farm South Hill Top Lane Whittle-Le-Woods Chorley PR6 7QS	9.67	29.87	27.58	9.67	16.94	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	23/00530/OUTMAJ | Outline application for the erection of up to 16 no. dwellings, with all matters reserved except for access | Chorley Rugby Union Club Chancery Road Astley Village Chorley PR7 1XP	944	Outline application for the erection of up to 16 no. dwellings, with all matters reserved except for access	Tier 1	Outline application for the erection of up to 16 no. dwellings, with all matters reserved except for access	10.55	29.41	27.32	10.55	17.36	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	23/00510/OUTMAJ | Outline application for the proposed development of 40 dwellings, with associated new access, replacement of brass band building and associated parking, with landscaping reserved | Babylon Lane Heath Charnock (chorley.gov.uk)	945	Outline application for the proposed development of 40 dwellings, with associated new access, replacement of brass band building and associated parking, with landscaping reserved	Tier 1	Outline application for the proposed development of 40 dwellings, with associated new access, replacement of brass band building and associated parking, with landscaping reserved	16.89	34.82	32.95	16.89	23.53	Refused	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	23/00402/FULMAJ | Erection of five storey building comprising 24no. apartments (Class C3) with ancillary accommodation including refuse and cycle storage, plant rooms and enclosures, and car parking | Land To The East Of Sumner House Dole Lane Chorley	946	Erection of five storey building comprising 24no. apartments (Class C3) with ancillary accommodation including refuse and cycle storage, plant rooms and enclosures, and car parking	Tier 1	Erection of five storey building comprising 24no. apartments (Class C3) with ancillary accommodation including refuse and cycle storage, plant rooms and enclosures, and car parking	12.29	30.80	28.78	12.29	19.02	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	23/00557/FULMAJ | Erection of Blending Building following demolition of existing building to accommodate 'Freshtrusion' pet food production process, extension of Engineers Stores building, erection of 'Swash' building to accommodate washing and recycling of containers, erection of covering to route used for the internal transfer of materials and finished products incorporating overhead conveyor for containers, erection of timber screen fences within the site and along the western boundary | Golden Acres Ltd Plocks Farm Liverpool Road Bretherton	947	Erection of Blending Building following demolition of existing building to accommodate 'Freshtrusion' pet food production process, extension of Engineers Stores building, erection of 'Swash' building to accommodate washing and recycling of containers, erection of covering to route used for the internal transfer of materials and finished products incorporating overhead conveyor for containers, erection of timber screen fences within the site and along the western boundary	Tier 1	Erection of Blending Building following demolition of existing building to accommodate 'Freshtrusion' pet food production process, extension of Engineers Stores building, erection of 'Swash' building to accommodate washing and recycling of containers, erection of covering to route used for the internal transfer of materials and finished products incorporating overhead conveyor for containers, erection of timber screen fences within the site and along the western boundary	7.20	18.34	16.60	7.20	9.37	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/22/0204	948	SCOPING OPINION IN RESPECT OF A 49.9MW SOLAR FARM	Tier 1	"REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF A 25MW SOLAR FARM, BATTERY ENERGY STORAGE SCHEME AND ASSOCIATED DEVELOPMENT."	0.000	13.6	12.5	0.7	0.3	Permitted	Yes	Yes	c	c	c	c	c	c	a	c	c	c	c
South Ribble	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=SAQYC9QTI1N00	949	Erection of New Agricultural building	Tier 1	Erection of 1 Building	1.677	17.991437	16.912428	1.67653	4.7	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?keyVal=SC3CD7OTI9E00&activeTab=summary	950	Erection of 9.no Dwellinghouses, including creation of new access following demolition of existing buildings	Tier 1	Erection of 9 dwellings	3.202	17.564564	16.556494	3.201585	5.3	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0380&Id1=20240708104120 92f925eefc7accf1	951	Request for a screening opinion for proposed development of a Motorway Services Area	Tier 1	Development of a Motorway Services Area	4.180	19.340856	18.468619	4.179973	6.2	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0355&Id1=20240708104120 92f925eefc7accf1	952	Request for a screening opinion for proposed Office Development	Tier 1	Development of 4 Office Buildings (6-9 storeys)	3.181	23.740149	22.627583	3.181294	9.8	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0338&Id1=20240708104120 92f925eefc7accf1	953	Prior notification submission for proposed upward extension of existing dwelling by an additional two storeys resulting in a maximum height of 12.9m	Tier 1	Extension of dwelling to max height of 12.9m	5.581	22.636956	21.74582	5.580672	9.3	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0495&Id1=20240708121811 c0a02dad405d5d57	954	Erection of 48no. bungalows for over 55s and care home with associated car parking, landscaping, open space and access from Preston Road	Tier 1	Erection of 48 bungalows	9.633	28.388213	27.438561	9.632737	14.8	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0602&Id1=20240708121811 c0a02dad405d5d57	955	Request for a screening opinion for proposed development for erection of 164no. dwellings with associated works including landscaping and access	Tier 1	erection of 164no. dwellings with associated works including landscaping and access	3.802	21.634726	20.656084	3.801887	8.0	EIA not required	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0426&Id1=20240708104120 92f925eefc7accf1	956	11no. dwellings with associated access, landscaping, public open space, and other infrastructure	Tier 1	Development of 11no. dwellings with associated access, landscaping, public open space, and other infrastructure	3.698	19.990813	19.070397	3.698129	6.6	Refused	No	No	d	d	d	d	d	d	d	d	d	c	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=SCGHXXETH3M00	957	Erection of storage building and offices for horticultural landscapers depot	Tier 1	Erection of storage building and offices for horticultural landscapers depot, following removal of existing polytunnels and alteration of existing access	8.977	25.844207	25.059783	8.97698	14.8	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Sefton council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?keyVal=SF9TBXNW08N00&activeTab=summary	958	Environmental Impact Assessment Scoping Opinion for the proposed wind turbine repowering at Royal Seaforth Dock, Liverpool	Tier 1	Environmental Impact Assessment Scoping Opinion for the proposed wind turbine (4) repowering	30.900	32.010662	33.747204	30.899708	35.8	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Sefton council	https://pa.sefton.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=SBDGR5NWJYH00	959	Erection of 240 No. dwellinghouses with associated works.	Tier 1	Full application for Erection of 240 No. dwellinghouses	8.576	12.698524	12.585179	8.576101	12.7	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=_BLCKP_DCAPR_67772	960	Erection of 3, two storey buildings for use as light industrial/storage and offices within Use Class B8 and E (g) with associated parking, landscaping and access (Reserved Matters Application to agree details of appearance following grant of outline permission ref. 22/0365)	Tier 1	Reserved matters for 3, two storey buildings for use as light industrial/storage and offices within Use Class B8 and E(g) with associated parking, landscaping and access (Outline application for access, landscaping, layout and scale).	0.395	2.480664	1.695296	0.394637	11.1	Permitted	Yes	Yes	c	d	d	c	d	c	d	d	c	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67740	961	Replacement and upgrade of 3no. existing external antennas and installation of 1no. GPS module and ancillary equipment	Tier 1	Replacement and upgrade of 3no. existing external antennas and installation of 1no. GPS module and ancillary equipment	2.111	2.602907	2.946974	2.111249	13.0	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67735	962	Use of premises as 120 self contained flats with associated parking, access, bike store and bin store (Prior Approval)	Tier 1	Prior approval for change of use from Class E offices to 120 self contained flats	6.253	6.984488	7.26762	6.252987	13.5	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67707	963	External alterations including erection of a third floor rear extension, installation of new windows to all elevations and soft landscaping to front.	Tier 1	External alterantions including erection of a third floor rear extension to hotel	2.588	3.032338	3.421476	2.588254	13.2	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67089	964	Erection of residential development of 23 dwellings following demolition of existing buildings (Outline Application to agree access, layout, and scale)	Tier 1	Outline application for erection of 23 dwellings	1.538	3.03395	2.681301	1.538155	11.0	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67764	965	Erection of 6 storey office development (Use Class E(g)) with roof top plant, creation of new public realm and associated landscaping and access.	Tier 1	Full planning application for a new office development (Use Class E(g))	5.498	6.329568	6.546733	5.498478	12.8	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Blackpool Council	https://idoxpa.blackpool.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=_BLCKP_DCAPR_67625	966	Erection of 2 buildings consisting of 9no units for use within Use Class E(g) and Use Class B8, with associated access, car parking, bin stores, cycle stores and landscaping.	Tier 1	Erection of 2 buildings consisting of 9no units for use within Use Class E(g) and Use Class B8	8.745	9.579803	9.807021	8.745331	14.0	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/24/0184	967	INSTALLATION OF A GROUND MOUNTED SOLAR ARRAY, INCLUDING CONSTRUCTION OF A HIGH VOLTAGE TRANSFORMER STATION, GRAVEL ACCESS ROADS AND A 2M PERIMETER MESH FENCE.	Tier 1	Solar farm of up to 0.7MWp	5.150	9.413715	8.942554	5.150489	7.0	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/24/0348	968	PRIOR APPROVAL FOR INSTALLATION OF A SHARABLE 25 METRE HIGH LATTICE TELECOMMUNICATIONS MAST WITH 6 ANTENNAS MOUNTED ON A SINGLE HEADFRAME, 7 GROUND BASED EQUIPMENT CABINETS AND ASSOCIATED ANCILLARY DEVELOPMENT PURSUANT TO SCHEDULE 2, PART 16 OF THE TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (ENGLAND) ORDER 2015 (AS AMENDED)	Tier 1	Prior approval for installation of 25m high lattice telecommunications mast with 6 antennas mounted on a single headframe, 7 ground based equipment cbinets and ancillary devleopment.	3.364	14.364665	13.635927	3.363799	3.8	Withdrawn	No	No	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/24/0180	969	MIXED USE DEVELOPMENT COMPRISING: 1) CHANGE OF USE OF EXISTING VEHICLE REPAIR WORKSHOP (USE CLASS B2) TO CAFE (USE CLASS E(B)) AT GROUND FLOOR AND HAIRDRESSERS/BEAUTY SALON (USE CLASS E(C)(iii) AT FIRST FLOOR; 2) DEMOLITION OF EXISTING REAR STORAGE BUILDING AND ERECTION OF NEW MOT TESTING STATION AND VEHICLE REPAIR WORKSHOP (USE CLASS B2); AND 3) ENLARGEMENT OF EXISTING SERVICE YARD AND PROVISION OF FOUR ADDITIONAL CAR PARKING SPACES WITHIN VEHICLE FORECOURT	Tier 1	Demolition of existing rear outbuilding and erection of new 3 bay vehicle repair centre and change of use of former vehicle repair shop (B2) to café (E(B)) on ground floor and hairdresser (E(C)(III)) on first floor	3.228	18.357072	17.430867	3.228422	5.0	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/24/0295	970	ERECTION OF A 30 MW BATTERY ENERGY STORAGE SYSTEM FACILITY CONSISTING OF 11 BATTERY CELL UNITS, 11 BATTERY INVERTER UNITS, SUBSTATION, SWITCHROOM, AUXILLARY TRANSFORMER, BATTERY CONTROL ROOM, 4 CCTV COLUMNS, 3M SECURITY RATED ACOUSTIC FENCE, INTERNAL ACCESS ROADS, PARKING AND TURNING AREA, AND ASSOCIATED HARD AND SOFT LANDSCAPING.	Tier 1	30MW Battery Energy Storage System	0.078	5.743923	4.654703	0.078365	7.8	Pending	Yes	Yes	c	d	d	c	d	c	d	d	c	c	e
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=SAJH3HSD09P00&activeTab=summary	971	Proposed erection of radio antenna mast (12m)	Tier 1	erection of radio antenna mast (12m)	8.346	21.759251	21.086609	8.345621	9.9	Pending	Yes	No	d	d	d	d	d	d	d	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=S8LHS5SDIZW00&activeTab=summary	972	Proposed residential development for 21 residential dwellings and associated infrastructure and landscaping with access from The Blossoms	Tier 1	development for 21 residential dwellings and associated infrastructure and landscaping	8.176	9.938128	9.873359	8.176229	11.2	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=SG014HSD09P00&activeTab=summary	973	Telecommunication notification for the erection of 8 no. telegraph poles across various locations in Thornton Cleveleys	Tier 1	erection of 8 no. telegraph poles	-	-	-	-	-	Permitted	No	No	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0750&Id1=2024080211130452ca179ac56fa1f0	974	19no. dwellings, 1no. retail unit (class E(a)) with 2no. apartments above, and associated works including removal of 4no. trees, following demolition of 1no. dwelling, 2no. pre-fab classrooms and 1no. derelict garage building	Tier 1	19no. dwellings, 1no. retail unit (class E(a)) with 2no. apartments above, and associated works including removal of 4no. trees, following demolition of 1no. dwelling, 2no. pre-fab classrooms and 1no. derelict garage building	1.014	20.624553	19.522605	1.013929	6.7	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0767&Id1=20240802111304452ca179ac56fa1f0	975	Clifton Marsh Solar Farm, Lancashire	Tier 1	49.9 megawatt solar farm with associated infrastructure	0.040	16.730922	15.61815	0.039838	2.8	Permitted	Yes	Yes	c	d	d	c	c	c	d	d	c	c	e

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0644&Id1=2024080211130452ca179ac56fa1f0	976	4-6 Fox Street Preston	Tier 1	Outline application for a six-storey building comprising 19no. residential apartments and ground floor commercial unit, following demolition of existing building	3.352	23.831278	22.719554	3.351519	9.9	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble Borough Council	07/2025/00024/DIS | Discharge of condition 16 pursuant to permission 07/2024/00575/FUL for erection fo new high school, demolition of existing school buildings and ancillary works. | Penwortham Girls High School Cop Lane Penwortham Preston Lancashire PR1 0SR	977	Discharge of condition 16 pursuant to permission 07/2024/00575/FUL for erection fo new high school, demolition of existing school buildings and ancillary works. 352072, 428196		Discharge of condition 16 pursuant to permission 07/2024/00575/FUL for erection fo new high school, demolition of existing school buildings and ancillary works. Penwortham Girls High School Cop Lane Penwortham Preston Lancashire PR1 0SR	1.47	22.3	20.27	8.7	8.48	Conditions discharged	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble Borough Council	07/2024/00889/FUL | Demolition of Existing Buildings and Erection of 9 Detached Dwellings | Carver Hey Farm Moss Lane Little Hoole Preston Lancashire PR4 4SX	978	Demolition of Existing Buildings and Erection of 9 Detached Dwellings 348710, 423589		Demolition of Existing Buildings and Erection of 9 Detached Dwellings. Carver Hey Farm Moss Lane Little Hoole Preston Lancashire PR4 4SX	4.1	19.85	18.05	8.34	8.14	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters									
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00812/DIS | Discharge of conditions 12,14,16 and 22 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120	979	07/2024/00812/DIS Discharge of conditions 12,14,16 and 22 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3).		Discharge of conditions 12,14,16 and 22 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3).	3.36	24.31	22.29	10.79	10.58	Part discharged	Yes	Yes	d	d	d	d	d	d		d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00811/DIS | Discharge of conditions 10,11,13 and 30 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120	980	Discharge of conditions 10,11,13 and 30 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3). 353998, 427320		Discharge of conditions 10,11,13 and 30 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3).	3.36	24.3	22.28	10.78	10.56	Part Discharged	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2024/00957/DIS | Discharge of condition 6 pursuant to permission 07/2022/00021/FUL for siting of containerised battery energy storage units including electrical ancillary equipment, formation of new site vehicle entrance off Howick Cross Lane and installation of 2.5m high galvanised palisade fencing and gates. | Land At Howick Cross Lane Penwortham Lancashire	981	Discharge of condition 6 pursuant to permission 07/2022/00021/FUL for siting of containerised battery energy storage units including electrical ancillary equipment, formation of new site vehicle entrance off Howick Cross Lane and installation of 2.5m high galvanised palisade fencing and gates. 350220, 428070		Siting of containerised battery energy storage units, including electrical ancillary equipment on vacant land off Howick Cross Lane. The scheme includes the formation of a new site vehicle entrance off Howick Cross Lane and the installation of 2.5m high galvanised palisade fencing and gates.	0	20.47	18.44	6.94	6.72	Conditions discharged	Yes	Yes	d	d	c	d	d	d	d	d	c	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00865/DIS | Discharge of conditions 6-7, 9-12, 25, 28-31 and 34 of permission 07/2023/00430/FUL for erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part of an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping. | Land Adjacent To Civic Centre West Paddock Leyland Preston Lancashire PR25 1DH	982	Discharge of conditions 6-7, 9-12, 25, 28-31 and 34 of permission 07/2023/00430/FUL for erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part of an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping. 353469 , 421809		Erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part as an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping.	6.2	24.93	23.13	12.94	12.72	Conditions discharged	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2025/00029/FUL | Erection commercial development comprising of units of varying sizes totalling 6,229sq m (flexible Use Classes E(g), B2, B8 and trade counter) and associated infrastructure, including new access onto Cuerden Way, following demolition of existing buildings | Enterprise Building Holme Road Bamber Bridge Preston Lancashire PR5 6BP	983	Erection commercial development comprising of units of varying sizes totalling 6,229sq m (flexible Use Classes E(g), B2, B8 and trade counter) and associated infrastructure, including new access onto Cuerden Way, following demolition of existing buildings 355817, 425459		Erection commercial development comprising of units of varying sizes totalling 6,229sq m (flexible Use Classes E(g), B2, B8 and trade counter) and associated infrastructure, including new access onto Cuerden Way, following demolition of existing buildings	5.51	26.35	24.38	13.09	12.87	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00826/DIS | Discharge of conditions 4 and 7 pursuant to planning permisison 07/2020/00443/FUL (appeal 3271976) for erection of 11no. dwellings with associated works | Land At Cottage Gardens Cottage Gardens Bamber Bridge Lancashire	984	Discharge of conditions 4 and 7 pursuant to planning permisison 07/2020/00443/FUL (appeal 3271976) for erection of 11no. dwellings with associated works 357612, 426102		Erection of 11 No. dwellings with associated works.	7.08	28.03	26.03	14.59	14.37	Conditions discharged	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2024/00818/NMA | Demolition of 2no. industrial buildings and erection of 5no. detached dwellings, 2no. detached garages and associated ancillary works. | Springbrook Farm Thropps Lane Longton Preston Lancashire PR4 4SL	985	Demolition of 2no. industrial buildings and erection of 5no. detached dwellings, 2no. detached garages and associated ancillary works. 349448, 424996		Demolition of 2no. industrial buildings and erection of 5no. detached dwellings, 2no. detached garages and associated ancillary works.	2.54	20.19	18.3	7.81	7.6	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
South Ribble Borough Council	07/2024/00867/DIS | Discharge of condition 25 pursuant to permission 07/2022/00457/FUL for erection of 50 Residential Units with access, parking, open space and landscaping infrastructure | Former Lostock Hall Primary School Avondale Drive Lostock Hall Preston Lancashire PR5 5BQ	986	Discharge of condition 25 pursuant to permission 07/2022/00457/FUL for erection of 50 Residential Units with access, parking, open space and landscaping infrastructure 354709, 425674		Erection of 50 residential units with access, parking, open space and landscaping infrastructure.	4.4	25.22	23.25	11.98	11.76	Under construction	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00575/FUL | Erection of a replacement secondary school with associated playing fields, landscaping, drainage, access and parking and subsequent demolition of existing buildings on site | Penwortham Girls High School Cop Lane Penwortham Preston Lancashire PR1 0SR	987	Erection of a replacement secondary school with associated playing fields, landscaping, drainage, access and parking and subsequent demolition of existing buildings on site 352072, 428196		Erection of a replacement secondary school with associated playing fields, landscaping, drainage, access and parking and subsequent demolition of existing buildings on site	1.47	22.3	20.27	8.7	8.48	Permitted	Yes	Yes	d	d	d	d	d	d	a	d	d	c	d
South Ribble Borough Council	07/2024/00677/OUT | Outline application for proposed demolition of storage buildings and erection of up to 4no. self-build/custom-build detached dwellinghouses with garages (access, layout and scale applied for only). Works to improve existing junction for vehicular access to Newgate Lane and proposed new footpath adjacent to Newgate Lane with connection to Newgate Lane along the eastern edge of the field to the south. | Land Off Newgate Lane Whitestake Lancashire PR4 4JU	988	Outline application for proposed demolition of storage buildings and erection of up to 4no. self-build/custom-build detached dwellinghouses with garages (access, layout and scale applied for only). Works to improve existing junction for vehicular access to Newgate Lane and proposed new footpath adjacent to Newgate Lane with connection to Newgate Lane along the eastern edge of the field to the south. Land Off Newgate Lane Whitestake Lancashire PR4 4JU		Outline application for proposed demolition of storage buildings and erection of up to 4no. self-build/custom-build detached dwellinghouses with garages (access, layout and scale applied for only). Works to improve existing junction for vehicular access to Newgate Lane and proposed new footpath adjacent to Newgate Lane with connection to Newgate Lane along the eastern edge of the field to the south.	2.09	22.64	20.68	9.54	9.32	Approval with Conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00637/FUL | Full planning application for residential development comprising 45 no. affordable dwellings incorporating a SUDS pond accessed via Farington Mews to the north (Amended Description) | Land To The South Of Bannister Lane Farington Moss Lancashire	989	Full planning application for residential development comprising 45 no. affordable dwellings incorporating a SUDS pond accessed via Farington Mews to the north. 352826, 423575		Full planning application for residential development comprising 45 no. affordable dwellings incorporating a SUDS pond accessed via Farington Mews to the north	4.35	23.81	21.94	11.34	11.12	Approval with Conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2024/00665/SCE | Erection of 145 residential dwellings | Land At Branch Road Mellor Brook Blackburn Lancashire	990	Erection of 145 residential dwellings		Erection of 145 residential dwellings	13.68	34.04	31.98	20.35	20.15	Environmental Impact Assessment not required	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2024/00639/VAR | Variation of condition 2 (extension of southern estate road to facilitate access into undeveloped parcel of land) imposed upon permission 07/2020/00552/FUL for demolition of farm buildings, erection of 121 dwellings and associated works | Land At Croston Road Farington Moss Lancashire	991	Variation of condition 2 (extension of southern estate road to facilitate access into undeveloped parcel of land) imposed upon permission 07/2020/00552/FUL for demolition of farm buildings, erection of 121 dwellings and associated works 353263, 424122		Demolition of existing farm buildings and construction of 121 dwellings (Use Class C3), including access, internal roads, garages, car parking and associated infrastructure.	4.15	24.1	22.2	11.4	11.18	Under construction	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2023/01019/FUL | Demolition of existing buildings and erection of five detached houses, one detached garage and replacement garage with associated access and landscaping | Springfield Farm Drumacre Lane West Longton Preston Lancashire PR4 4SB	992	Demolition of existing buildings and erection of five detached houses, one detached garage and replacement garage with associated access and landscaping 348206, 424898		Demolition of existing buildings and erection of five detached houses, one detached garage and replacement garage with associated access and landscaping	3.06	19.01	17.14	7.01	6.8	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
South Ribble Borough Council	07/2024/00597/NMA | Non material amendment to substitue plots in line with updated Building Regulations - permission 07/2020/00544/REM for approval of reserved matters (appearance, landscaping, layout and scale) for the erection of 399 residential dwellings, internal access roads, garages, public open space and associated infrastructure | Land At Croston Road Farington Moss Lancashire	993	Non material amendment to substitue plots in line with updated Building Regulations - permission 07/2020/00544/REM for approval of reserved matters (appearance, landscaping, layout and scale) for the erection of 399 residential dwellings, internal access roads, garages, public open space and associated infrastructure 353055, 424015		Application for approval of reserved matters (appearance, landscaping, layout and scale) for the erection of 399 residential dwellings, internal access roads, garages, public open space and associated infrastructure	4.11	23.93	22.03	11.28	11.06	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
South Ribble Borough Council	07/2024/00555/NEI | INSTALLATION OF 49.9 MEGAWATT SOLAR FARM WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC MODULES IN ARRAYS WITH STRING CONVERTERS. TRANSFORMERS, SUBSTATION, FENCING AND THERMAL CCTV CAMERAS, ACCESS TRACKS, CABLING, LANDSCAPING AND OTHER HABITAT CREATION | Clifton Marsh Farm Preston New Road Newton With Clifton Preston PR4 0XE	994	INSTALLATION OF 49.9 MEGAWATT SOLAR FARM WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC MODULES IN ARRAYS WITH STRING CONVERTERS. TRANSFORMERS, SUBSTATION, FENCING AND THERMAL CCTV CAMERAS, ACCESS TRACKS, CABLING, LANDSCAPING AND OTHER HABITAT CREATION Clifton Marsh Farm Preston New Road Newton With Clifton Preston PR4 0XE		INSTALLATION OF 49.9 MEGAWATT SOLAR FARM WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC MODULES IN ARRAYS WITH STRING CONVERTERS. TRANSFORMERS, SUBSTATION, FENCING AND THERMAL CCTV CAMERAS, ACCESS TRACKS, CABLING, LANDSCAPING AND OTHER HABITAT CREATION	0.24	16.54	14.49	2.93	2.71	No objection	Yes	Yes	d	c	c	c	c	c	d	c	c	c	c
South Ribble Borough Council	07/2024/00535/FUL | Residential development of 9 detached dwellings with associated garages following the demolition of the existing bungalow and outbuildings. | 12 Cocker Lane Moss Side Leyland Lancashire PR26 7SU	995	Residential development of 9 detached dwellings with associated garages following the demolition of the existing bungalow and outbuildings. 352215, 422114		Residential development of 9 detached dwellings with associated garages following the demolition of the existing bungalow and outbuildings.	5.44	23.64	21.86	11.8	11.58	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
West Lancashire Borough Council	2024/0858/SCR | Request for a screening opinion for a full application for proposed solar farm comprised of solar arrays to generate C.8MW ancillary equipment under part 2 of of the town and country planning regul... | Land South East Of Glenburn Depot White Moss Road South Skelmersdale Lancashire	996	Request for a screening opinion for a full application for proposed solar farm comprised of solar arrays to generate C.8MW ancillary equipment under part 2 of of the town and country planning regulations 2017. Land South East Of Glenburn Depot White Moss Road South Skelmersdale Lancashire		Request for a screening opinion for a full application for proposed solar farm comprised of solar arrays to generate C.8MW ancillary equipment under part 2 of of the town and country planning regulations 2017.	22.36	30.1	29.45	25.22	25.11	EIA required	No	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire Borough Council	2023/0917/FUL | Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... | Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH	997	Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... | Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH 349768, 404216		Full planning permission for the demolition of existing buildings and structures and erection of a new industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... | Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH	23.1	32.23	31.49	26.66	26.48	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
West Lancashire Borough Council	2024/1028/FUL | Demolition of existing structures and the erection of a housing scheme of 20 dwellings comprised of 8 dwelling houses, 4 bungalows and 8 cottage style apartments, with access, car parking, landscap... | 12 Church Road Banks Southport Lancashire PR9 8ET	998	Demolition of existing structures and the erection of a housing scheme of 20 dwellings comprised of 8 dwelling houses, 4 bungalows and 8 cottage style apartments, with access, car parking, landscaping and other associated works. 339092, 420929	Tier 1	Demolition of existing structures and the erection of a housing scheme of 20 dwellings comprised of 8 dwelling houses, 4 bungalows and 8 cottage style apartments, with access, car parking, landscaping and other associated works.	8.06	12.66	11.7	8.16	10.14	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Blackpool	24/0551 | Outline application for development of a maximum of 1400 residential dwellings, 20 hectares of Class B2 general industrial/ Class B8 storage and distribution, Class D1 primary school, two local neighbourhood centres (Classes A1, A2/A3), Class A4 drinking establishment, Class D1 health centre, Class D1 community building, vehicle access onto Preston New Road and Mythop Road with associated road infrastructure, car parking, public open space, sports pitches, allotments, the retention and improvement of natural habitats, watercourse,	999	Outline application for development of a maximum of 1400 residential dwellings, 20 hectares of Class B2 general industrial/ Class B8 storage and distribution, Class D1 primary school, two local neighbourhood centres (Classes A1, A2/A3), Class A4 drinking establishment, Class D1 health centre, Class D1 community building, vehicle access onto Preston New Road and Mythop Road with associated road infrastructure, car parking, public open space, sports pitches, allotments, the retention and improvement of natural habitats, watercourse, ponds, reed beds and hedgerows and landscape features.	Tier 1	Outline application for development of a maximum of 1400 residential dwellings, 20 hectares of Class B2 general industrial/ Class B8 storage and distribution, Class D1 primary school, two local neighbourhood centres (Classes A1, A2/A3), Class A4 drinking establishment, Class D1 health centre, Class D1 community building, vehicle access onto Preston New Road and Mythop Road with associated road infrastructure, car parking, public open space, sports pitches, allotments, the retention and improvement of natural habitats, watercourse, ponds, reed beds and hedgerows and landscape features. Application under section 73 of the planning act to vary conditions 1 (Reserved matters-Timescale), 3 (Design and Layout and Access), 5 (Design, construction, access and improvements), 6 (Scheme of access road completion), 9 (Traffic management), 10 (Highway access), 11 (Construction highways), 13 (Interim highways improvement scheme), 22 (Archaeology), 25 (Bat and Bird survey licence), 29 (Construction Environment Management Plan), 31 (Method Statement Ecology), 32 (Precautionary survey habitat), 33 (Bird nesting), 36 (Drainage Flood risk assessment foul and surface water), 37 (Drainage scheme), 38 (Hydrological assessment), 39 (Drainage maintenance and management plan), 40 (Flood risk assessment), 42 (Neighbourhood centre), 51 (Desk study contamination analytical study), 52 (Infrastructure). The existing and proposed wording for the relevant conditions are set out within the supporting planning statement.	3.07	6.22	4.68	3.07	8.58	Pending	Yes	Yes	d	d	d	d	d	d	c	d	d	c	d
Blackpool	24/0481 | Erection of 9no dwellinghouses with associated garages, parking , new access-egress from School Road, landscaping and boundary works. | 2 SCHOOL ROAD AND LAND ADJACENT, BLACKPOOL, FY4 5DX	1000	Erection of 9no dwellinghouses with associated garages, parking , new access-egress from School Road, landscaping and boundary works. 333086, 431748	tier 1	Erection of 9no dwellinghouses with associated garages, parking , new access-egress from School Road, landscaping and boundary works. | 2 SCHOOL ROAD AND LAND ADJACENT, BLACKPOOL, FY4 5DX	0.64	3.23	1.48	0.64	10.36	Pending	Yes	Yes	d	d	c	c	d	d	d	d	c	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0124	1001	OUTLINE APPLICATION (ALL MATTERS RESERVED) FOR DEMOLITION OF EXISTING DETACHED PROPERTY AND GARAGE AND CONSTRUCTION OF UP TO 4 DWELLINGS WITH ASSOCIATED GARAGES, DRIVEWAYS AND LANDSCAPING ARRANGEMENTS. 342414, 428862	Tier 1	OUTLINE APPLICATION (ALL MATTERS RESERVED) FOR DEMOLITION OF EXISTING DETACHED PROPERTY AND GARAGE AND CONSTRUCTION OF UP TO 4 DWELLINGS WITH ASSOCIATED GARAGES, DRIVEWAYS AND LANDSCAPING ARRANGEMENTS. 124 LYTHAM ROAD FRECKLETON LANCASHIRE PR4 1XB	1	12.62	10.6	1	1.68	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0113	1002	INSTALLATION OF A 14.77 HECTARE SOLAR FARM WITH ASSOCIATED EQUIPMENT AND INFRASTRUCTURE, INCLUDING SOLAR ARRAYS, TRANSFORMER STATIONS, CCTV COLUMNS, POST & WIRE FENCING, ACCESS TRACK AND LANDSCAPING ARRANGEMENTS. 335909, 432027	Tier 1	INSTALLATION OF A 14.77 HECTARE SOLAR FARM WITH ASSOCIATED EQUIPMENT AND INFRASTRUCTURE, INCLUDING SOLAR ARRAYS, TRANSFORMER STATIONS, CCTV COLUMNS, POST & WIRE FENCING, ACCESS TRACK AND LANDSCAPING ARRANGEMENTS.	0.85	6.06	4.17	0.85	7.57	Pending	Yes	Yes	d	d	c	c	d	c	d	d	d	c	c
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0046	1003	EXTENSION AND ALTERATIONS TO DWELLING INVOLVING: 1) SINGLE STOREY REAR EXTENSION FOLLOWING DEMOLITION OF DOUBLE HEIGHT BAY WINDOW; 2) INSERTION OF NEW FIRST FLOOR WINDOW TO REAR ELEVATION; AND 3) INSERTION OF NEW GROUND FLOOR WINDOW TO SOUTHEAST FACING SIDE ELEVATION	Tier 1	EXTENSION AND ALTERATIONS TO DWELLING INVOLVING: 1) SINGLE STOREY REAR EXTENSION FOLLOWING DEMOLITION OF DOUBLE HEIGHT BAY WINDOW; 2) INSERTION OF NEW FIRST FLOOR WINDOW TO REAR ELEVATION; AND 3) INSERTION OF NEW GROUND FLOOR WINDOW TO SOUTHEAST FACING SIDE ELEVATION 73 BEAUCLERK ROAD LYTHAM ST ANNES LANCASHIRE FY8 3LR	1.25	3.99	2.35	2.17	10.03	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0088	1004	SINGLE STOREY SIDE AND REAR EXTENSION FOLLOWING DEMOLITION OF EXISTING SIDE AND REAR EXTENSION	Tier 1	SINGLE STOREY SIDE AND REAR EXTENSION FOLLOWING DEMOLITION OF EXISTING SIDE AND REAR EXTENSION 50 SANDHURST AVENUE LYTHAM ST ANNES FY8 2EH	0.78	2.51	0.78	0.78	11.23	Permitted	Yes	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0721	1005	ERECTION OF TWO COMMERCIAL STORAGE UNITS (USE CLASS B8) AND PROVISION OF ADDITIONAL VEHICLE PARKING 330955, 431696	Tier 1	ERECTION OF TWO COMMERCIAL STORAGE UNITS (USE CLASS B8) AND PROVISION OF ADDITIONAL VEHICLE PARKING BRIDGESIDE WORKS SQUIRES GATE LANE LYTHAM ST ANNES LANCASHIRE FY8 2SN	0.26	1.12	0.27	0.26	12.49	Permitted	Yes	yes	d	d	c	c	d	d	d	d	c	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0017	1006	ERECTION OF TWO STOREY SIDE EXTENSION, TWO STOREY REAR EXTENSION, DETACHED GARAGE TO FRONT OF DWELLING AND FORMATION OF NEW VEHICLE ACCESS ONTO MAINS LANE INCLUDING INSTALLATION OF ENTRANCE GATES UP TO 1.96 METRES HIGH WITHIN FRONT BOUNDARY WALL 336535, 440159	Tier 1	ERECTION OF TWO STOREY SIDE EXTENSION, TWO STOREY REAR EXTENSION, DETACHED GARAGE TO FRONT OF DWELLING AND FORMATION OF NEW VEHICLE ACCESS ONTO MAINS LANE INCLUDING INSTALLATION OF ENTRANCE GATES UP TO 1.96 METRES HIGH WITHIN FRONT BOUNDARY WALL LEVER LEA 112 MAINS LANE SINGLETON LANCASHIRE FY6 7LD	9.01	11.03	9.79	9.01	11.35	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0055	1007	1) ERECTION OF SINGLE STOREY REAR EXTENSION AND PERGOLA FOLLOWING DEMOLITION OF EXISTING REAR EXTENSION AND CONSERVATORY; AND 2) ENLARGEMENT AND ALTERATIONS TO FRONT ENTRANCE 334538, 429271	Tier 1	1) ERECTION OF SINGLE STOREY REAR EXTENSION AND PERGOLA FOLLOWING DEMOLITION OF EXISTING REAR EXTENSION AND CONSERVATORY; AND 2) ENLARGEMENT AND ALTERATIONS TO FRONT ENTRANCE 12 NORTH HOUSES LANE LYTHAM ST ANNES LANCASHIRE FY8 4NT	1.17	4.74	2.79	1.36	9.06	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0058	1008	DEMOLITION OF EXISTING REAR CONSERVATORY AND GLAZED LINK TO GARAGES AND ERECTION OF SINGLE STOREY REAR EXTENSIONS INCLUDING ALTERATIONS TO EXISTING GARAGE ROOF 334057, 427729	Tier 1	DEMOLITION OF EXISTING REAR CONSERVATORY AND GLAZED LINK TO GARAGES AND ERECTION OF SINGLE STOREY REAR EXTENSIONS INCLUDING ALTERATIONS TO EXISTING GARAGE ROOF 117 CLIFTON DRIVE LYTHAM ST ANNES LANCASHIRE FY8 1BY	0.59	4.65	3.25	2.85	9.8	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0057	1009	DEMOLITION OF CONSERVATORY TO REAR AND ERECTION OF SINGLE STOREY REAR EXTENSION 342214, 428874	Tier 1	DEMOLITION OF CONSERVATORY TO REAR AND ERECTION OF SINGLE STOREY REAR EXTENSION 20 BRIARWOOD FRECKLETON LANCASHIRE PR4 1ZB	0.97	12.42	10.4	0.97	1.83	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0047	1010	SINGLE STOREY SIDE AND REAR EXTENSION FOLLOWING DEMOLITION OF EXISTING OUTBUILDING AND EXTENSION TO FRONT PARKING AREA	Tier 1	SINGLE STOREY SIDE AND REAR EXTENSION FOLLOWING DEMOLITION OF EXISTING OUTBUILDING AND EXTENSION TO FRONT PARKING AREA 47 HILTON AVENUE LYTHAM ST ANNES FY8 4AN	1.45	4.61	2.88	2.11	9.41	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0037	1011	ERECTION OF GARDEN ROOM FOLLOWING REMOVAL OF EXISTING SHED 342669, 428854	Tier 1	ERECTION OF GARDEN ROOM FOLLOWING REMOVAL OF EXISTING SHED 18 BRAMWELL ROAD FRECKLETON LANCASHIRE PR4 1SS	1.07	12.88	10.85	1.07	1.51	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0745	1012	OUTLINE PLANNING APPLICATION FOR THE ERECTION OF SINGLE DETACHED DWELLING TO BE CONSTRUCTED AS A SELF-BUILD/CUSTOM DWELLING AND OCCUPIED AS A RURAL WORKERS DWELLING (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED) 334118, 432181	Tier 2	OUTLINE PLANNING APPLICATION FOR THE ERECTION OF SINGLE DETACHED DWELLING TO BE CONSTRUCTED AS A SELF-BUILD/CUSTOM DWELLING AND OCCUPIED AS A RURAL WORKERS DWELLING (ACCESS APPLIED FOR WITH ALL OTHER MATTERS RESERVED) EDGELEY SCHOOL ROAD WESTBY WITH PLUMPTONS LANCASHIRE FY4 5LJ	1.02	4.31	2.59	1.02	9.37	Pending	No	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0754	1013	CONVERSION OF EXISTING HAY BARN AND SHIPPON TO FORM 3 NO. RESIDENTIAL DWELLINGS TO BE TO BE BUILT AND OCCUPIED AS SELF-BUILD/CUSTOM DWELLINGS 340301, 440143	Tier 1	CONVERSION OF EXISTING HAY BARN AND SHIPPON TO FORM 3 NO. RESIDENTIAL DWELLINGS TO BE TO BE BUILT AND OCCUPIED AS SELF-BUILD/CUSTOM DWELLINGS LARBRECK HILL FARM GARSTANG ROAD LITTLE ECCLESTON WITH LARBRECK LANCASHIRE PR3 0XS	8.98	13.62	12.19	9.72	9.53	Approved Subject to 106	Yes	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0753	1014	DEMOLITION OF EXISTING TRUE BUNGALOW AND ERECTION OF REPLACEMENT DWELLING PROVIDING ACCOMMODATION OVER THREE FLOORS WHICH IS TO BE BUILT AND OCCUPIED AS A SELF-BUILD/CUSTOM DWELLING, AND ACCESSED FROM WIDENED DRIVEWAY WITH 1.9M HIGH GATES HUNG OFF 2.4M HIGH GATEPOSTS 333820, 427830	Tier 1	DEMOLITION OF EXISTING TRUE BUNGALOW AND ERECTION OF REPLACEMENT DWELLING PROVIDING ACCOMMODATION OVER THREE FLOORS WHICH IS TO BE BUILT AND OCCUPIED AS A SELF-BUILD/CUSTOM DWELLING, AND ACCESSED FROM WIDENED DRIVEWAY WITH 1.9M HIGH GATES HUNG OFF 2.4M HIGH GATEPOSTS 143 CLIFTON DRIVE LYTHAM ST ANNES FY8 1DX	0.61	4.39	3.02	2.91	10.01	Pending	No	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0751	1015	ERECTION OF SINGLE STOREY DETACHED SUMMER HOUSE TO REAR 331909, 429282	Tier 1	ERECTION OF SINGLE STOREY DETACHED SUMMER HOUSE TO REAR 25 BEACH ROAD LYTHAM ST ANNES LANCASHIRE FY8 2NR	0.8	2.14	0.8	0.8	11.66	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0743	1016	APPLICATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT SCREENING AND SCOPING OPINION IN RESPECT OF THE PROPOSED INSTALLATION OF A GROUND MOUNTED SOLAR PV FARM AND BATTERY ENERGY STORAGE SYSTEM (BESS) PLUS ANCILLARY INFRASTRUCTURE AND EQUIPMENT, LANDSCAPING AND ACCESS	Tier 2	APPLICATION FOR AN ENVIRONMENTAL IMPACT ASSESSMENT SCREENING AND SCOPING OPINION IN RESPECT OF THE PROPOSED INSTALLATION OF A GROUND MOUNTED SOLAR PV FARM AND BATTERY ENERGY STORAGE SYSTEM (BESS) PLUS ANCILLARY INFRASTRUCTURE AND EQUIPMENT, LANDSCAPING AND ACCESS LAND ADJACENT KINGS CLOSE STAINING FY6 8LF	5.22	7.67	6.26	5.22	9.37	EIA required	No	Yes	d	d	d	d	d	d	e	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0744	1017	DEMOLITION OF EXISTING CONSERVATORY AND CONSTRUCTION OF NEW SINGLE STOREY REAR EXTENSION 342617, 428774	Tier 1	DEMOLITION OF EXISTING CONSERVATORY AND CONSTRUCTION OF NEW SINGLE STOREY REAR EXTENSION 12 DOUGLAS DRIVE FRECKLETON LANCASHIRE PR4 1RY	1.13	12.83	10.81	1.13	1.6	Permitted	No	No	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0716	1018	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF PROPOSED DEVELOPMENT OF A GROUND MOUNTED PHOTOVOLTAIC SOLAR ARRAY FARM (CAPACITY UP TO 49.9MW AC) AND ASSOCIATED ANCILLARY DEVELOPMENT, AND, A BATTERY ENERGY STORAGE SYSTEM (APPROXIMATELY 40MW AC) AND ASSOCIATED ANCILLARY DEVELOPMENT	Tier 2	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF PROPOSED DEVELOPMENT OF A GROUND MOUNTED PHOTOVOLTAIC SOLAR ARRAY FARM (CAPACITY UP TO 49.9MW AC) AND ASSOCIATED ANCILLARY DEVELOPMENT, AND, A BATTERY ENERGY STORAGE SYSTEM (APPROXIMATELY 40MW AC) AND ASSOCIATED ANCILLARY DEVELOPMENT LAND NORTH & SOUTH OF CARTMELL LANE LYTHAM ST ANNES	0.0	8.6	6.57	0	5.16	EIA required	No	Yes	d	c	c	c	c	c	e	c	c	c	c
Lancashire County Council	Planning application	1019	Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft play areas, multi-use games area and landscaping.	Tier 1	Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft play areas, multi-use games area and landscaping. Northing 436391, Easting 356335	9.65	26.93	25.04	13.99	13.78	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	25/00071/FUL | Erection of electricity sub station control kiosk and pump station control kiosk within utility compound, and erection of 2m high gates and fence | Fairfield Nurseries Puddle House Lane Poulton-Le-Fylde Lancashire FY6 8LB	1020	Erection of electricity sub station control kiosk and pump station control kiosk within utility compound, and erection of 2m high gates and fence- Fairfield Nurseries Puddle House Lane Poulton-Le-Fylde Lancashire FY6 8LB	Tier 1	Erection of electricity sub station control kiosk and pump station control kiosk within utility compound, and erection of 2m high gates and fence	6.3	8.44	7.11	6.3	9.98	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Wyre Council	25/00098/SCRE | EIA screening opinion for a proposed residential development of approx. 215 units with access, open space, landscaping and associated site works following demolition of existing commercial buildings | Land At Fouldrey Avenue, Poulton Le Fylde	1021	EIA screening opinion for a proposed residential development of approx. 215 units with access, open space, landscaping and associated site works following demolition of existing commercial buildings- Land At Fouldrey Avenue, Poulton Le Fylde	Tier 2	EIA screening opinion for a proposed residential development of approx. 215 units with access, open space, landscaping and associated site works following demolition of existing commercial buildings	8.87	10.39	9.23	8.87	11.86	No Objections	Yes	Yes	d	d	d	d	d	d	e	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Wyre Council	25/00011/FULMAJ | Erection of a new retail food store together with associated car parking, servicing areas and landscaping including the provision of an electricity substation, and alterations to the highway | Land At Norcross Lane Thornton Cleveleys Lancashire FY5 3TZ	1022	Erection of a new retail food store together with associated car parking, servicing areas and landscaping including the provision of an electricity substation, and alterations to the highway- Land At Norcross Lane Thornton Cleveleys Lancashire FY5 3TZ		Erection of a new retail food store together with associated car parking, servicing areas and landscaping including the provision of an electricity substation, and alterations to the highway- Land At Norcross Lane Thornton Cleveleys Lancashire FY5 3TZ	9.71	10.57	9.71	9.71	14.27	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?keyVal=SLEKFLSDN1A00&activeTab=summary	1023	Creation of an EV charging zone with canopy, substation, meter cabinet, LV panel GRP enclosure, four covered and enclosed jet wash bays and associated works- 332641 , 442402		Creation of an EV charging zone with canopy, substation, meter cabinet, LV panel GRP enclosure, four covered and enclosed jet wash bays and associated works- 53.873429 , -3.025972	10.64	11.38	10.64	10.64	15.6	Refused	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council		1024	Reserved matters application for appearance, landscaping, layout and scale for the erection of up to 34 detached dwellings (following outline application 16/00807/OUTMAJ) (Pursuant to the variation of conditions 1 (Plans), 2 (Materials), 4 (Management and maintenance of streets), 6 (Phasing), 8 (Parking plan), 9 (Landscaping), 11 (Boundary treatments) and 13 (PD removal) on planning application 18/00746/REMMAJ to vary the approved site layout, house types and mix, approved floor and elevation plans and changes to landscaping)- 351458 , 437097		Reserved matters application for appearance, landscaping, layout and scale for the erection of up to 34 detached dwellings (following outline application 16/00807/OUTMAJ) (Pursuant to the variation of conditions 1 (Plans), 2 (Materials), 4 (Management and maintenance of streets), 6 (Phasing), 8 (Parking plan), 9 (Landscaping), 11 (Boundary treatments) and 13 (PD removal) on planning application 18/00746/REMMAJ to vary the approved site layout, house types and mix, approved floor and elevation plans and changes to landscaping)	7.54	22.32	20.53	10.1	9.86	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=SNPXWLSDG2F00	1025	24/01007/FULMAJ | Proposed erection of 2 no. buildings comprising of 11 holiday cottages (C3) with ancillary on site retail shop, wellness studio, car parking, and new access, following demolition of existing kennel site buildings (resubmission of 23/01150/FULMAJ)- 339948 , 445326		Proposed erection of 2 no. buildings comprising of 11 holiday cottages (C3) with ancillary on site retail shop, wellness studio, car parking, and new access, following demolition of existing kennel site buildings	14.06	17.21	15.98	14.72	14.61	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Wyre Council	https://publicaccess.wyre.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=SNLVYFSDG0Q00	1026	Erection of 93 dwellings with associated car parking, landscaping, open space improvements and access from Norcross Lane (Pursuant to the variation of condition 2 (Plans) on planning permission 21/01089/FULMAJ)- 333241 , 441261		Erection of 93 dwellings with associated car parking, landscaping, open space improvements and access from Norcross Lane	9.61	10.45	9.61	9.61	14.36	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Rochdale Council	https://publicaccess.rochdale.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=SOP2VINB00500	1027	Scoping opinion in respect of the erection of up to 21 wind turbines up to 180m in height with a generating capacity of 100MW3 with associated infrastructure and access, including restoration and enhancement of degraded peat moorland | Land At Rooley Moor, Rochdale		Scoping opinion in respect of the erection of up to 21 wind turbines up to 180m in height	32.17	53.07	51.1	39.65	39.44	Pending	Yes	Yes	d	d	d	d	d	d	e	d	d	d	d
Pendle Council	https://publicaccess.pendle.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=SNPYKDMIM8D00	1028	Removal of existing wind turbine and the erection of a replacement wind turbine with associated development- 389126, 437767		Removal of existing wind turbine and the erection of a replacement wind turbine with associated development.	39.74	59.59	57.61	46.15	45.97	Application Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	Planning Application View	1029	Outline planning application for 4no. industrial units (all matters reserved)- 352847,430314		Outline planning application for 4no. industrial units (all matters reserved)	3.08	22.96	20.89	9.24	9.05	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0182&Id1=2025030509310440961994357 3f6d7	1030	Outline planning application (access applied for only with all other matters reserved) for a residential development of up to 95no. dwellings- 355411, 436987		Outline planning application (access applied for only with all other matters reserved) for a residential development of up to 95no. dwellings	9.49	26.14	24.29	13.4	13.18	Refused	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0116&Id1=2025030509310440961994357 3f6d7	1031	Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft play areas, multi-use games area and landscaping (Article 24 consultation)- 356295,436391		Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft play areas, multi-use games area and landscaping (Article 24 consultation)	9.63	26.89	25	13.95	13.74	No objection	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	Planning Application View	1032	1no. ground mounted Solar PV farm and associated infrastructure-347938, 437623		1no. ground mounted Solar PV farm and associated infrastructure	7.11	19.11	17.41	8.05	7.79	Approval with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0085&Id1=2025030509310440961994357 3f6d7	1033	Outline planning application for the erection of a local centre including flexible floorspace (Use Class E), drinking establishments (sui generis), and hot food takeaways (sui generis), medical centre (Class E(e)), public house (sui generis) with hotel accommodation (Class C1), and retirement apartments (Class C2) (all matters reserved) (pursuant to 06/2020/0966 to seek removal of condition no.17 BREEAM)- 349688, 433545		local centre including flexible floorspace (Use Class E), drinking establishments (sui generis), and hot food takeaways (sui generis), medical centre (Class E(e)), public house (sui generis) with hotel accommodation (Class C1), and retirement apartments	3.63	19.93	17.96	6.76	6.55	Approval with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0208&Id1=2025030509310440961994357 3f6d7	1034	Request for a formal scoping opinion under Regulation 13 of the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 2011, proposed development for a new employment park, comprising of 5no. Class B2 and/or Class B8 employment units and 2no. drive thru units (Class E/Sui Generis) (total floorspace of 86,462 sqm), together with car and HGV parking areas, vehicular, cycling and pedestrian access off the existing roundabout and internal roads/servicing areas, landscaping, SuDS features, and associated works- 357124, 433283		new employment park, comprising of 5no. Class B2 and/or Class B8 employment units and 2no. drive thru units (Class E/Sui Generis) (total floorspace of 86,462 sqm),	8.29	27.31	25.3	13.87	13.7	EIA required	Yes	Yes	d	d	d	d	d	d	e	d	d	d	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1298&Id1=2025030509310440961994357 3f6d7	1035	Outline application for the construction of a new building comprising 2no. trade counter units (Class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds seeking approval for access and layout only (all other matters reserved) (pursuant to 06/2023/1249 to seek variation of condition no.4 and removal of condition no.13)- 352763, 429619		new building comprising 2no. trade counter units (Class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds	2.63	22.9	20.83	9.17	8.97	Approved with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1288&Id1=2025030509310440961994357 3f6d7	1036	Erection of extension to new school hall building comprising 6no. classrooms, 1no. Design Technology classroom, meeting rooms and ancillary space (Article 24 consultation)- 352863, 434364		Erection of extension to new school hall building comprising 6no. classrooms, 1no. Design Technology classroom, meeting rooms and ancillary space (Article 24 consultation)	5.84	23.18	21.23	10.01	9.81	No objection	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1254&Id1=2025030509310440961994357 3f6d7	1037	24no. residential units (Class C3) and commercial development (Class E(g)) with associated access, landscaping and infrastructure- 349420 432005		24no. residential units (Class C3) and commercial development (Class E(g)) with associated access, landscaping and infrastructure	2.07	19.55	17.51	6.06	5.89	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1253&Id1=2025030509310440961994357 3f6d7	1038	Outline planning application (access applied for only with all other matters reserved) for a Motorway Services Area- 349134, 434224		Outline planning application (access applied for only with all other matters reserved) for a Motorway Services Area	4.23	19.46	17.54	6.56	6.33	Pending	Yes	Yes	d	d	d	d	d	d	c	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1191&Id1=2025030509310440961994357 3f6d7	1039	12no. 1 bedroom apartments, 12no. 2 bedroom apartments with associated car parking, vehicular access off Francis Street with cycle and bin stores (pursuant to 06/2023/0191 to seek variation of condition no.1 approved plans)- 352304, 430122		12no. 1 bedroom apartments, 12no. 2 bedroom apartments with associated car parking, vehicular access off Francis Street with cycle and bin stores	2.55	22.42	20.36	8.7	8.5	Approval with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1086&Id1=2025030509310440961994357 3f6d7	1040	Outline planning application (access applied for only with all other matters reserved) for a residential development of 20no. dwellings- 352731, 433962		Outline planning application (access applied for only with all other matters reserved) for a residential development of 20no. dwellings	5.45	23	21.03	9.76	9.56	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0938&Id1=2025030509310440961994357 3f6d7	1041	Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development for erection of up to 430no. dwellings, primary school, linear park, and associated infrastructure and works- 348953, 432566		430no. dwellings, primary school, linear park, and associated infrastructure and works	2.57	19.11	17.1	5.73	5.54	Environmental Impact Assessment not required	Yes	Yes	d	d	d	d	d	d	e	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0889&Id1=2025030509310440961994357 3f6d7	1042	1no. three-storey residential development (Class C3) comprising 51no. retirement apartments, with landscaping, car parking and associated works, following demolition of existing buildings- 354221, 430751		1no. three-storey residential development (Class C3) comprising 51no. retirement apartments, with landscaping, car parking and associated works, following demolition of existing buildings.	4.46	24.33	22.27	10.63	10.44	Approval with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/0773&Id1=2025030509310440961994357 3f6d7	1043	Hybrid Planning Application comprising of: 1. Outline planning application for up to 195no. dwellings seeking approval for access from Bartle Lane only (all other matters reserved); and 2. Full planning application for the erection of dwellings (Phase 1) (pursuant to 06/2020/1344 to seek variation of condition no.1 approved plans)- 349606, 433501		195no. dwellings	3.57	19.84	17.87	6.66	6.45	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1134&Id1=2025030509310440961994357 3f6d7	1044	Hybrid Planning Application comprising of: 1. Full planning application for erection of 26no. dwellings; and 2. Outline planning application for residential development of up to 429no. dwellings seeking approval for access (all other matters reserved) (pursuant to 06/2021/1414 to seek variation of conditions no.18 (access from Bartle Lane) and no.20 (number of units to be served from access points)- 349573, 433312		Full planning application for erection of 26no. dwellings; and 2. Outline planning application for residential development of up to 429no.	3.38	19.79	17.81	6.56	6.36	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Preston Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2024/1066&Id1=2025030509310440961994357 3f6d7	1045	Refurbishment of Waverley Park including installation of new car park (27 spaces), 2no. 11-a-side football pitches, 1no. 9-a-side football pitch, 1no. pump track, 1no. skate park following demolition of existing skate park, reconfiguration of existing car park to provide 34no. parking spaces, refurbishment of existing play area, widening and extension to existing footpaths, and associated hard and soft landscaping- 356048, 430243		new car park (27 spaces), 2no. 11-a-side football pitches, 1no. 9-a-side football pitch, 1no. pump track, 1no. skate park following demolition of existing skate park, reconfiguration of existing car park to provide 34no. parking spaces, refurbishment of existing play area, widening and extension to existing footpaths, and associated hard and soft landscaping	5.87	26.16	24.1	12.44	12.25	Approved with conditions	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Chorley Council	24/00978/OUT | Outline application for the erection of a single storey building to accommodate a retail unit/convenience store (Use Class E(a)) and associated car parking (with all matters reserved) | Land Opposite 146 Chorley Lane Charnock Richard	1046	Outline application for the erection of a single storey building to accommodate a retail unit/convenience store (Use Class E(a)) and associated car parking (with all matters reserved)- 355816, 415229		Outline application for the erection of a single storey building to accommodate a retail unit/convenience store (Use Class E(a)) and associated car parking (with all matters reserved)	13.16	29.7	28.2	19.3	19.1	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=SMN8PPETJQ400&activeTab=summary	1047	**24/00952/FUL**|Erection of agricultural building (retrospective)- 362641, 423602		**24/00952/FUL**|Erection of agricultural building (retrospective)	12.57	33.39	31.44	20.14	19.92	Granted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	24/01108/FUL | Erection of a neighbourhood convenience store | The Centre Eaves Green Road Chorley PR7 3PQ	1048	**24/01108/FUL**|Erection of a neighbourhood convenience store- 357919, 415979		**24/01108/FUL**|Erection of a neighbourhood convenience store	13.49	31.23	29.64	20.16	19.95	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=SQR62BETK8X00&activeTab=summary	1049	**24/01084/FUL**|Siting of 37no. steel storage containers in order to facilitate the provision of a self storage facility and the erection of an associated booking office/cabin (retrospective)- 358549, 416963		Siting of 37no. steel storage containers	13.05	31.4	29.74	19.95	19.74	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Chorley Council	https://planning.chorley.gov.uk/online-applications/applicationDetails.do?keyVal=SLJP7TET05P00&activeTab=summary	1050	**24/00886/NLA**|Neighbouring local authority consultation from South Ribble Borough Council regarding an application for the demolition of existing single storey teaching building and erection of new two storey building to accommodate teaching laboratories		**24/00886/NLA**|Neighbouring local authority consultation from South Ribble Borough Council regarding an application for the demolition of existing single storey teaching building and erection of new two storey building to accommodate teaching laboratories	7.69	26.33	24.57	14.48	14.27	No Objections	yes	yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0119	1051	FLOOD MITIGATION AND HABITAT CREATION PROJECT ASSOCIATED WITH DRAINAGE IN VICINITY OF RIBBY HALL AND BROWNS LANE, INCLUDING 1) INSTALLATION OF A CULVERTED WATERCOURSE, APPROXIMATELY 800M IN LENGTH, FROM BROWNS LANE IN A SOUTH WESTERLY DIRECTION TO A NEW ATTENUATION POND THAT WILL DISCHARGE TO WREA BROOK. 340613, 430884	Tier 1	FLOOD MITIGATION AND HABITAT CREATION PROJECT ASSOCIATED WITH DRAINAGE IN VICINITY OF RIBBY HALL AND BROWNS LANE, INCLUDING 1) INSTALLATION OF A CULVERTED WATERCOURSE, APPROXIMATELY 800M IN LENGTH, FROM BROWNS LANE IN A SOUTH WESTERLY DIRECTION TO A NEW ATTENUATION POND THAT WILL DISCHARGE TO WREA BROOK.	1.03	10.73	8.66	1.03	2.83	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0699	1052	DEMOLITION OF EXISTING SINGLE STOREY STRUCTURE AND ERECTION OF SINGLE STOREY REAR EXTENSION. 337861, 427765	Tier 1	DEMOLITION OF EXISTING SINGLE STOREY STRUCTURE AND ERECTION OF SINGLE STOREY REAR EXTENSION. 122 PRESTON ROAD LYTHAM ST ANNES LANCASHIRE FY8 5AE	1.22	8.28	6.43	1.22	6.17	Permitted	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0656	1053	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF DEMOLITION, APPROXIMATELY 95,000SQM OF NEW BUILD DEVELOPMENT AND 5,000SQM OF REFURBISHMENT, AND ASSOCIATED HARDSTANDING / ACCESSWAYS, LANDSCAPING AREAS AND SUPPORTING INFRASTRUCTURE INCLUDING: 1) CONSTRUCTION OF NEW BUILDINGS TO PROVIDE LIVING ACCOMODATION, WORK, STORAGE AND OFFICE SPACE, 2) CONSTRUCTION OF NEW TRAINING FACILITIES TO PROVIDE GYMNASIUMS, SPORTS FIELDS AND EDUCATION SPACE, 3) CONSTRUCTION OF A NEW HEALTH AND DENTAL FACILITY	Tier 2	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF DEMOLITION, APPROXIMATELY 95,000SQM OF NEW BUILD DEVELOPMENT AND 5,000SQM OF REFURBISHMENT, AND ASSOCIATED HARDSTANDING / ACCESSWAYS, LANDSCAPING AREAS AND SUPPORTING INFRASTRUCTURE INCLUDING: 1) CONSTRUCTION OF NEW BUILDINGS TO PROVIDE LIVING ACCOMODATION, WORK, STORAGE AND OFFICE SPACE, 2) CONSTRUCTION OF NEW TRAINING FACILITIES TO PROVIDE GYMNASIUMS, SPORTS FIELDS AND EDUCATION SPACE, 3) CONSTRUCTION OF A NEW HEALTH AND DENTAL FACILITY WEETON BARRACKS GRANTHAM ROAD WEETON WITH PREESE PRESTON PR4 3HX	5.8	9.68	8.18	5.8	7.63	EIA not required	Yes	Yes	d	d	d	d	d	d	e	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0556	1054	ERECTION OF DOUBLE GARAGE TO REAR GARDEN WITH HABITABLE LIVING ANNEX ABOVE TO BE USED IN ASSOCIATED WITH 249 LYTHAM ROAD, WARTON, PR4 1AE. 340689, 428314	Tier 1	ERECTION OF DOUBLE GARAGE TO REAR GARDEN WITH HABITABLE LIVING ANNEX ABOVE TO BE USED IN ASSOCIATED WITH 249 LYTHAM ROAD, WARTON, PR4 1AE.	1.09	10.97	8.99	1.09	3.4	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0662	1055	ALTERATION OF THE DWELLING: 1) RECONFIGURATION OF WINDOW AND DOOR ARRANGEMENTS TO GROUND FLOOR SIDE ELEVATION OF DWELLING OUTRIGGER, 2) RENDER TO SIDE AND REAR GROUND FLOOR ELEVATION OF DWELLING OUTRIGGER, 3) DEMOLITION AND REBUILD OF SINGLE STOREY BUILDING TO REAR. (RETROSPECTIVE APPLICATION).	Tier 1	ALTERATION OF THE DWELLING: 1) RECONFIGURATION OF WINDOW AND DOOR ARRANGEMENTS TO GROUND FLOOR SIDE ELEVATION OF DWELLING OUTRIGGER, 2) RENDER TO SIDE AND REAR GROUND FLOOR ELEVATION OF DWELLING OUTRIGGER, 3) DEMOLITION AND REBUILD OF SINGLE STOREY BUILDING TO REAR. (RETROSPECTIVE APPLICATION). 11 EDEN AVENUE LYTHAM ST ANNES LANCASHIRE FY8 5PS	1.52	6.15	4.65	2.61	8.63	Rejected	No	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0521	1056	PARTIAL DEMOLITION OF EXISTING STABLE BUILDING AND ERECTION OF A CUSTOM/ SELF BUILD DETACHED DORMER BUNGALOW. 340218, 431569	Tier 1	PARTIAL DEMOLITION OF EXISTING STABLE BUILDING AND ERECTION OF A CUSTOM/ SELF BUILD DETACHED DORMER BUNGALOW. LANGTONS FARM RIBBY ROAD RIBBY WITH WREA LANCASHIRE PR4 2NA	1.67	10.34	8.31	1.67	3.24	Pending	No	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0622	1057	DEMOLITION OF EXISTING BUNGALOW AND DETACHED GARAGE AND ERECTION OF A DETACHED DORMER BUNGALOW WITHINGRATED BALCONY FEATURE TO THE FRONT ELEVATION AND DETACHED GARAGE TO REAR GARDEN 336051, 427335	Tier 1	DEMOLITION OF EXISTING BUNGALOW AND DETACHED GARAGE AND ERECTION OF A DETACHED DORMER BUNGALOW WITHINGRATED BALCONY FEATURE TO THE FRONT ELEVATION AND DETACHED GARAGE TO REAR GARDEN 27 UPPER WESTBY STREET LYTHAM ST ANNES LANCASHIRE FY8 5NH	2.12	6.65	5.03	2.3	8.01	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0636	1058	ERECTION OF DETACHED GARAGE AND CONNECTING CANOPY WITH SECURE ACCESS GATE TO CREATE COVERED LINK WITH EXISTING ATTACHED GARAGE AND INSTALLATION OF FRONT BOUNDARY FENCE, GATES AND GATEPOSTS UP TO 1.3 METRES IN HEIGHT 331143, 431533	Tier 1	ERECTION OF DETACHED GARAGE AND CONNECTING CANOPY WITH SECURE ACCESS GATE TO CREATE COVERED LINK WITH EXISTING ATTACHED GARAGE AND INSTALLATION OF FRONT BOUNDARY FENCE, GATES AND GATEPOSTS UP TO 1.3 METRES IN HEIGHT 46 WESTGATE ROAD LYTHAM ST ANNES LANCASHIRE FY8 2SQ	0.2	1.27	0.2	0.2	12.29	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0333	1059	FORMATION OF 150 PARKING SPACES AND A SURFACE WATER DETENTION BASIN. 335695, 427971	Tier 1	FORMATION OF 150 PARKING SPACES AND A SURFACE WATER DETENTION BASIN. LYTHAM HALL BALLAM ROAD LYTHAM ST ANNES LANCASHIRE FY8 4JX	1.63	6.13	4.39	1.77	8.16	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0577	1060	PERMISSION IN PRINCIPLE FOR THE DEMOLITION OF EXISTING SHOP AND ASSOCIATED OUTBUILDINGS AND THE ERECTION OF A MINIMUM OF THREE DWELLINGS AND UP TO A MAXIMUM OF 5 DWELLINGS.	Tier 1	PERMISSION IN PRINCIPLE FOR THE DEMOLITION OF EXISTING SHOP AND ASSOCIATED OUTBUILDINGS AND THE ERECTION OF A MINIMUM OF THREE DWELLINGS AND UP TO A MAXIMUM OF 5 DWELLINGS.	0.62	13.53	11.49	0.84	0.73	Rejected	No	No	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0604	1061	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF THE PROPOSED OPERATION OF A 15.8 HECTARE SOLAR FARM AND ASSOCIATED ANCILLARY EQUIPMENT AND INFRASTRUCTURE	Tier 2	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF THE PROPOSED OPERATION OF A 15.8 HECTARE SOLAR FARM AND ASSOCIATED ANCILLARY EQUIPMENT AND INFRASTRUCTURE LAND TO THE EAST OF PEEL ROAD WESTBY WITH PLUMPTONS BLACKPOOL FY4 5JU	1.19	5.96	4.15	1.19	7.77	EIA not required	Yes	Yes	d	d	d	d	d	d	e	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0541	1062	INSTALLATION OF A 32 HECTARE SOLAR FARM, WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC ARRAYS, SWITCH ROOMS, SUBSTATIONS, INVERTERS POWER STATIONS, FENCING, POLE MOUNTED CCTV CAMERAS, ACCESS TRACKS AND LANDSCAPING AND BIODIVERSITY MEASURES. 344018, 430587	Tier 1	INSTALLATION OF A 32 HECTARE SOLAR FARM, WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC ARRAYS, SWITCH ROOMS, SUBSTATIONS, INVERTERS POWER STATIONS, FENCING, POLE MOUNTED CCTV CAMERAS, ACCESS TRACKS AND LANDSCAPING AND BIODIVERSITY MEASURES. LAND WEST OF PARROX LANE NEWTON WITH CLIFTON PRESTON	0.21	14.13	12.06	0.54	0.38	Pending	Yes	Yes	d	c	c	c	d	c	d	c	c	c	c
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0458	1063	CONSTRUCTION OF SINGLE STOREY BUILDING TO PROVIDE FIVE UNITS FOR LIGHT INDUSTRIAL (CLASS E(G)), GENERAL INDUSTRY (B2) OR STORAGE AND DISTRIBUTION (CLASS B8) USE, WITH ASSOCIATED ACCESS FROM WOODSIDE AND CAR PARKING ARRANGEMENTS. 335165, 433276	Tier 1	CONSTRUCTION OF SINGLE STOREY BUILDING TO PROVIDE FIVE UNITS FOR LIGHT INDUSTRIAL (CLASS E(G)), GENERAL INDUSTRY (B2) OR STORAGE AND DISTRIBUTION (CLASS B8) USE, WITH ASSOCIATED ACCESS FROM WOODSIDE AND CAR PARKING ARRANGEMENTS. LAND TO THE EAST OF WOODSIDE WHITEHILLS BUSINESS PARK WESTBY WITH PLUMPTONS FY4 5LU	2.22	5.62	4.05	2.22	8.54	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0516	1064	OUTLINE PLANNING APPLICATION (ACCESS AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED) FOR THE ERECTION OF A NEW DATA CENTRE FACILITY AND ASSOCIATED PLANT/ EQUIPMENT, SUBSTATION, SECURITY OFFICE, MULTI STOREY CAR PARK, WITH ASSOCIATED PRIMARY ACCESS VIA BRUNEL WAY AND SECONDARY ACCESS VIA PEEL PARK. 334744, 433328	Tier 2	OUTLINE PLANNING APPLICATION (ACCESS AND SCALE APPLIED FOR WITH ALL OTHER MATTERS RESERVED) FOR THE ERECTION OF A NEW DATA CENTRE FACILITY AND ASSOCIATED PLANT/ EQUIPMENT, SUBSTATION, SECURITY OFFICE, MULTI STOREY CAR PARK, WITH ASSOCIATED PRIMARY ACCESS VIA BRUNEL WAY AND SECONDARY ACCESS VIA PEEL PARK. LAND ADJACENT PEEL PARK CENTRE BRUNEL WAY WESTBY WITH PLUMPTONS	2.17	5.24	3.68	2.17	8.96	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0508	1065	MIXED-USE DEVELOPMENT COMPRISING A NEIGHBOURHOOD CENTRE AND 58 AFFORDABLE DWELLINGS, ALONG WITH ASSOCIATED INFRASTRUCTURE INCLUDING INTERNAL ESTATE ROAD, VEHICULAR ACCESS ONTO CROPPER ROAD, PEDESTRIAN AND CYCLE LINKS, PARKING, LANDSCAPING, PUBLIC OPEN SPACE, SURFACE WATER PUMP STATION AND A SUDS BALANCING POND. 334558, 432463	Tier 1	MIXED-USE DEVELOPMENT COMPRISING A NEIGHBOURHOOD CENTRE AND 58 AFFORDABLE DWELLINGS, ALONG WITH ASSOCIATED INFRASTRUCTURE INCLUDING INTERNAL ESTATE ROAD, VEHICULAR ACCESS ONTO CROPPER ROAD, PEDESTRIAN AND CYCLE LINKS, PARKING, LANDSCAPING, PUBLIC OPEN SPACE, SURFACE WATER PUMP STATION AND A SUDS BALANCING POND. THE GARDEN PLACE CROPPER ROAD WESTBY WITH PLUMPTONS LANCASHIRE FY4 5LB	1.29	4.8	3.11	1.29	8.97	Approved Subject to 106	Yes	Yes	d	d	d	d	d	d	d	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0463	1066	ERECTION OF TWO-STOREY BUILDING TO PROVIDE FOR GREEN KEEPERS/STAFF WELFARE ACCOMMODATION AS REPLACEMENT FOR EXISTING STRUCTURE / PORTACABIN 335144, 427901	Tier 1	ERECTION OF TWO-STOREY BUILDING TO PROVIDE FOR GREEN KEEPERS/STAFF WELFARE ACCOMMODATION AS REPLACEMENT FOR EXISTING STRUCTURE / PORTACABIN GROUNDKEEPERS SHED, FAIRHAVEN GOLF CLUB, OAKWOOD AVENUE, LYTHAM ST ANNES.	1.42	5.62	3.96	2.08	8.71	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0511	1067	ERECTION OF A SINGLE STOREY REAR EXTENSION FOLLOWING DEMOLITION OF AN EXISTING CONSERVATORY. 337953, 427368	Tier 1	ERECTION OF A SINGLE STOREY REAR EXTENSION FOLLOWING DEMOLITION OF AN EXISTING CONSERVATORY. 39 VICTORY BOULEVARD LYTHAM ST ANNES LANCASHIRE FY8 5TG	1.62	8.46	6.67	1.62	6.25	Permitted	No	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0422	1068	OUTLINE APPLICATION FOR DEMOLITION OF FORMER AMBULANCE STATION AND ERECTION OF SIX, THREE STOREY TOWNHOUSES WITH ASSOCIATED INFRASTRUCTURE (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR WITH LANDSCAPING RESERVED) 334840, 427546	Tier 1	OUTLINE APPLICATION FOR DEMOLITION OF FORMER AMBULANCE STATION AND ERECTION OF SIX, THREE STOREY TOWNHOUSES WITH ASSOCIATED INFRASTRUCTURE (ACCESS, APPEARANCE, LAYOUT AND SCALE APPLIED FOR WITH LANDSCAPING RESERVED) ST ANNES AMBULANCE STATION ANSDELL ROAD SOUTH LYTHAM ST ANNES LANCASHIRE FY8 5PG	0.99	5.44	3.94	2.55	9.1	Permitted (with conditions)	Yes	Yes	d	d	c	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0478	1069	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF THE PROPOSED INSTALLATION OF A 20.1 MEGAWATTS-PEAK SOLAR FARM TOGETHER WITH ANCILLARY EQUIPMENT AND INFRASTRUCTURE LAND AT BLACKPOOL AIRPORT SQUIRES GATE LANE LYTHAM ST ANNES FY4 2QS	Tier 2	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017 IN RESPECT OF THE PROPOSED INSTALLATION OF A 20.1 MEGAWATTS-PEAK SOLAR FARM TOGETHER WITH ANCILLARY EQUIPMENT AND INFRASTRUCTURE LAND AT BLACKPOOL AIRPORT SQUIRES GATE LANE LYTHAM ST ANNES FY4 2QS	0.07	1.64	0.07	0.07	11.99	EIA not required	Yes	Yes	c	c	c	c	c	c	e	d	d	c	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0153	1070	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2017 IN RESPECT OF A BATTERY ENERGY STORAGE FACILITY Grid Ref: (335954 , 431832)		Screening request for BESS site	0.500	5.9	3.94	0.77	7.3	Pending	Yes	Yes	d	d	c	d	d	c	e	d	d	c	d
Ribble Valley Council	https://www.ribblevalley.gov.uk/planning-applications/local-development-orders	1071	THE LANCASHIRE ADVANCED ENGINEERING AND MANUFACTURING ENTERPRISE ZONE (SAMLESBURY) LOCAL DEVELOPMENT ORDER NO. 3 (2024) Grid Ref: (362136 , 430813)		LDO for an enterprise zone.	12.660	33.01	31	19.14	19.2	Approved	Yes	Yes	d	d	d	d	d	d	c	d	d	d	c
South Ribble Borough Council	https://southribble.moderngov.co.uk/ieDecisionDetails.aspx?Id=1045	1072	07/2021/00886/ORM and 07/2021/00887/ORM - Pickering's Farm Site, Flag Lane, Penwortham Grid ref: 353623 , 425764		Application for 1100 residential properties	3.380	24.13	22.17	10.93	10.7	Approved by UK Gov after local rejection	Yes	Yes	d	d	d	d	d	d	c	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0478	1073	DEMOLITION OF EXISTING VEHICLE SEARCH POINT (VSP) AND ADMIN OFFICE BUILDINGS AND ERECTION OF REPLACEMENT SINGLE STOREY VSP AND ADMINISTRATIVE FACILITIES BUILDING WITH ASSOCIATED INFRASTRUCTURE INCLUDING 60 SPACE CAR PARK AND NEW SECURE FENCING AND ACCESS GATES UP TO 2.2 METRES IN HEIGHT TO SITE PERIMETER LAND AT BLACKPOOL AIRPORT SQUIRES GATE LANE LYTHAM ST ANNES FY4 2QS	Tier 1	DEMOLITION OF EXISTING VEHICLE SEARCH POINT (VSP) AND ADMIN OFFICE BUILDINGS AND ERECTION OF REPLACEMENT SINGLE STOREY VSP AND ADMINISTRATIVE FACILITIES BUILDING WITH ASSOCIATED INFRASTRUCTURE INCLUDING 60 SPACE CAR PARK AND NEW SECURE FENCING AND ACCESS GATES UP TO 2.2 METRES IN HEIGHT TO SITE PERIMETER LAND AT BLACKPOOL AIRPORT SQUIRES GATE LANE LYTHAM ST ANNES FY4 2QS	0.07	1.64	0.07	0.07	11.99	Permitted	Yes	Yes	c	c	c	c	c	c	e	d	d	c	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/24/0414	1074	INSTALLATION OF 49.9 MEGAWATT SOLAR FARM WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC MODULES IN ARRAYS WITH STRING CONVERTERS. TRANSFORMERS, SUBSTATION, FENCING AND THERMAL CCTV CAMERAS, ACCESS TRACKS, CABLING, LANDSCAPING AND OTHER HABITAT CREATION	Tier 1	INSTALLATION OF 49.9 MEGAWATT SOLAR FARM WITH ASSOCIATED INFRASTRUCTURE INCLUDING: SERIES OF SOLAR PHOTOVOLTAIC MODULES IN ARRAYS WITH STRING CONVERTERS. TRANSFORMERS, SUBSTATION, FENCING AND THERMAL CCTV CAMERAS, ACCESS TRACKS, CABLING, LANDSCAPING AND OTHER HABITAT CREATION	0.040	16.730922	15.61815	0.039838	2.8	Permitted	Yes	Yes	c	d	d	c	c	c	e	d	c	c	e
Preston City Council	Planning Application View	1075	Prior notification submission for installation of a rooftop mounted PV array consisting of 881 panels 353989, 432218	Tier 1	Prior notification submission for installation of a rooftop mounted PV array consisting of 881 panels	5.200	23.443586	23.443586	5.199874	10.5	Pending	Yes	yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	Planning Application View	1076	Outline planning application (access only with all other matters reserved) for the erection of up to 125no. dwellings (including affordable housing), with public open space (including children's play areas), landscaping and sustainable drainage system (SuDS) 355527, 436569	Tier 1	Outline planning application (access only with all other matters reserved) for the erection of up to 125no. dwellings (including affordable housing), with public open space (including children's play areas), landscaping and sustainable drainage system (SuDS)	9.262	25.537541	25.537541	9.262475	13.1	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	Planning Application View	1077	Reserved Matters application (namely layout, scale appearance and landscaping) for the erection of 108no. dwellings pursuant to hybrid application 06/2020/1344, as amended by application 06/2024/0773, which secured outline permission for up to 195no. dwellings 349513, 433369	Tier 1	Reserved Matters application (namely layout, scale appearance and landscaping) for the erection of 108no. dwellings pursuant to hybrid application 06/2020/1344, as amended by application 06/2024/0773, which secured outline permission for up to 195no. dwellings	3.426	19.115291	19.115291	3.425548	6.3	Pending			d	d	d	d	d	d	d	d	d	d	d

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

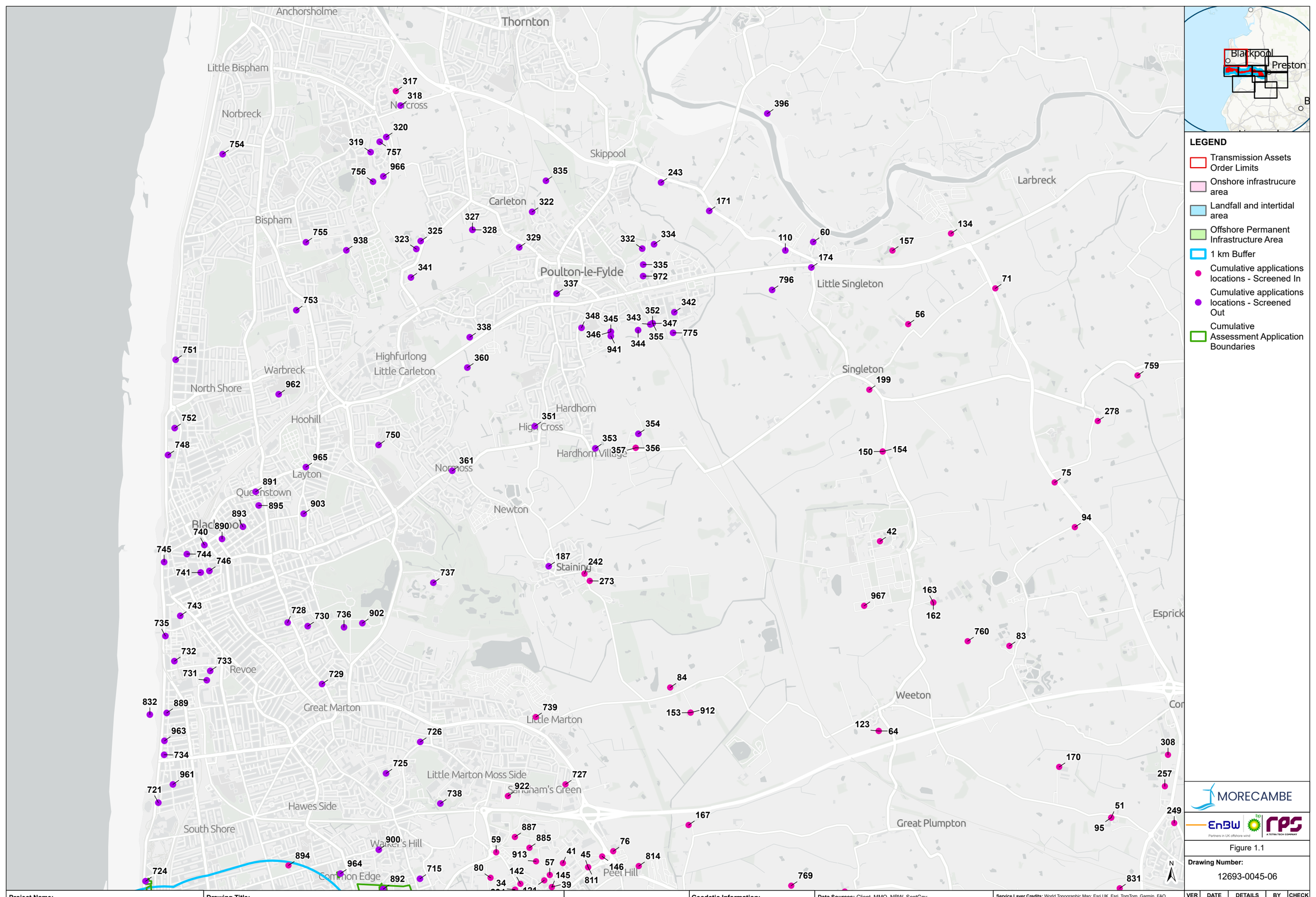
a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

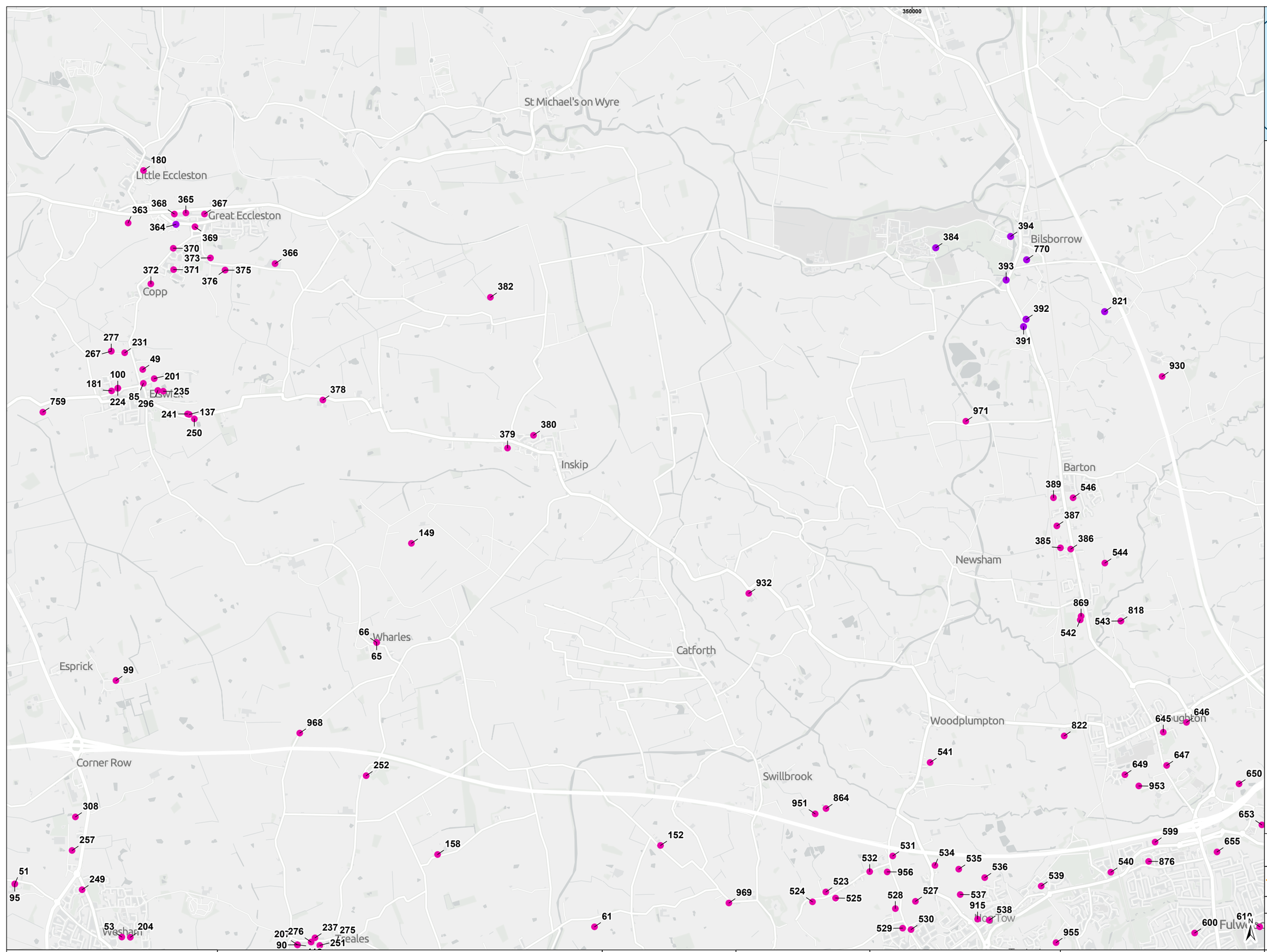
Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Preston City Council	Planning Application View	1078	Reserved matters application (namely access, appearance, landscaping, layout and scale) in relation to Zone D for a residential development of 229no. dwellings with associated infrastructure and landscaping works pursuant to outline permission 06/2020/0888 (as amended by NMA 06/2022/0867) 348459, 433109	Tier 1	Reserved matters application (namely access, appearance, landscaping, layout and scale) in relation to Zone D for a residential development of 229no. dwellings with associated infrastructure and landscaping works pursuant to outline permission 06/2020/0888 (as amended by NMA 06/2022/0867)	3.048	18.031954	18.031954	3.048082	5.2	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0519&Id1=2025070814563 03f25a05331a5ce28	1079	Outline planning application for the erection of a care home (up to 4,700sqm), a community building (up to 400sqm), residential development (up to 167no. dwellings) and land reserved for primary school with associated works to include landscaping and green infrastructure (seeking approval for access only all other matters reserved) 352826, 435126	Tier 1	Outline planning application for the erection of a care home (up to 4,700sqm), a community building (up to 400sqm), residential development (up to 167no. dwellings) and land reserved for primary school with associated works to include landscaping and green infrastructure (seeking approval for access only all other matters reserved)	6.415	22.624695	22.624695	6.414641	10.1	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0239&Id1=2025070814563 03f25a05331a5ce28	1080	Outline application for the erection of up to 443 dwellings including provision of access onto the East West Link Road, school and linear park (seeking approval for access only all other matters reserved) 349378, 432794	Tier 1	Outline application for the erection of up to 443 dwellings including provision of access onto the East West Link Road, school and linear park (seeking approval for access only all other matters reserved)	2.836	18.887735	18.887735	2.836129	6.0	Pending	Yes	Yes	d	d	d	d	d	d	a	d	d	d	d
Preston City Council	Planning Application View	1081	Reserved matters application (namely layout, scale, appearance and landscaping) for 104no. dwellings and community building with associated works pursuant to outline permission 06/2022/0644 351959, 436739	Tier 1	Reserved matters application (namely layout, scale, appearance and landscaping) for 104no. dwellings and community building with associated works pursuant to outline permission 06/2022/0644	7.391	22.087802	22.087802	7.390649	10.1	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0215	1082	INSTALLATION OF UNDERGROUND ELECTRICITY CABLE LINKING NEWFOLD SOLAR FARM POSITIONED TO WEST OF KIRKHAM PRISON TO BAE SYSTEMS VIA HILLOCK LANE AND HARBOUR LANE (RETROSPECTIVE APPLICATION). 341449, 430687	Tier 1	INSTALLATION OF UNDERGROUND ELECTRICITY CABLE LINKING NEWFOLD SOLAR FARM POSITIONED TO WEST OF KIRKHAM PRISON TO BAE SYSTEMS VIA HILLOCK LANE AND HARBOUR LANE (RETROSPECTIVE APPLICATION).	0.000	10.769638	10.769638	0	2.0	Pending	No	No	f	f	f	f	f	f	f	f	f	f	f
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0371	1083	ERECTION OF A BATTERY ENERGY STORAGE SYSTEM FACILITY (UP TO 100MW), INCLUDING BATTERY CONTAINERS, INVERTER UNITS,SUBSTATION,132KV TRANSFORMERS, SWITCH/ CONTROL ROOM & WELFARE BUILDINGS, ACOUSTIC BARRIER, SECURITY MESH FENCE, CCTV & LIGHTING COLUMNS, EARTH BUND, ACCESS ROAD, CAR PARKING, HARD AND SOFT LANDSCAPING. 336124, 431909	Tier 1	ERECTION OF A BATTERY ENERGY STORAGE SYSTEM FACILITY (UP TO 100MW), INCLUDING BATTERY CONTAINERS, INVERTER UNITS,SUBSTATION,132KV TRANSFORMERS, SWITCH/ CONTROL ROOM & WELFARE BUILDINGS, ACOUSTIC BARRIER, SECURITY MESH FENCE, CCTV & LIGHTING COLUMNS, EARTH BUND, ACCESS ROAD, CAR PARKING, HARD AND SOFT LANDSCAPING.	0.773	5.654178	5.654178	0.77315	7.3	Pending	Yes	Yes	c	c	c	c	c	c	d	d	d	d	c

Table B1: Onshore cumulative effects matrix - Spatial and Temporal

a	Included as part of the topic baseline and hence not considered within the cumulative impact assessment.
b	Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: **Screened in to assessment.**
c	Potential cumulative impact exists: **Screened in to assessment.**
d	No conceptual or physical effect-receptor pathway: **Screened out of assessment.**
e	Low data confidence: **Screened out of assessment.**
f	No temporal overlap: **Screened out of assessment.**
g	Project has been withdrawn from development or operational

Data source	External Link	ID Number	Project/ Activity Name	Tier 1 / 2 / 3	Capacity / Scale / Description	Spatial Information- Transmission Assets					Status	Temporal overlap with Transmission Assets		Onshore ES Topic Chapters										
						Distance from Transmission Assets Order Limits (km)	Distance from Transmission Assets Offshore Cable Corridor (km)	Distance from Transmission Assets Landfall (km)	Distance from Transmission Assets Onshore Cable Corridor (km)	Distance from Transmission Assets Onshore Substation (km)		Construction Phase	Operation Phase	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	Air quality	Landscape and visual resources	Socio-economics
Fylde Council	pa.fylde.gov.uk/Planning/Display/25/0355	1084	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2017 IN RESPECT OF THE DEVELOPMENT OF UP TO 250 DWELLINGS (USE CLASS C3) AND ASSOCIATED INFRASTRUCTURE 53°47'40.74"N, 2°53'35.00"W	Tier 2	REQUEST FOR SCREENING OPINION PURSUANT TO THE TOWN AND COUNTRY PLANNING ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS 2017 IN RESPECT OF THE DEVELOPMENT OF UP TO 250 DWELLINGS (USE CLASS C3) AND ASSOCIATED INFRASTRUCTURE	2.781	10.876631	10.876631	2.780707	3.3	Pending	Yes	Yes	d	d	d	d	d	d	e	d	d	d	d
South Ribble Borough Council	https://publicaccess.southribble.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=T05OTAOT0B900	1085	07/2025/00578/SCE REQUEST FOR AN EIA SCREENING OPINION UNDER REGULATION 6 OF THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS, 2017 (AS AMENDED) :New Substation, Feeder Station Compound and Auto Transformer conversion to Support Power Supply Upgrade of the West Coast Main Line at Flag Lane. SD 53880 25874	Tier 2	REQUEST FOR AN EIA SCREENING OPINION UNDER REGULATION 6 OF THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS, 2017 (AS AMENDED) :New Substation, Feeder Station Compound and Auto Transformer conversion to Support Power Supply Upgrade of the West Coast Main Line at Flag Lane.	3.562	24.370806	23.533958	3.56166	10.9	Pending	Yes	Yes	d	d	d	d	d	d	e	d	d	d	d
Preston City Council	https://selfservice.preston.gov.uk/service/planning/ApplicationView.aspx?AppNo=06/2025/0818&Id1=2025082709593493141474723369963	1086	06/2025/0818 Outline application for 30-storey building comprising 218no. one and two bed apartments, communal areas, and commercial workspace, with associated works (access, appearance, layout and scale applied for) 354325, 429586	Tier 1	Outline application for 30-storey building comprising 218no. one and two bed apartments, communal areas, and commercial workspace, with associated works (access, appearance, layout and scale applied for) Land east of Derby Street and north of Lords Walk	4.030	24.461464	23.624191	4.030443	10.5	Pending	Yes	Yes	d	d	d	d	d	d	d	d	d	d	d
Fylde Council	https://pa.fylde.gov.uk/Planning/Display/25/0358	1087	25/0358 Residential development of 23 dwellings comprising construction of 20 three-stprey dwellings and extensions and alterations to existing buildings (the former Co-op) to facilitate change of use to 3 apartments together with associated infrastructure 331703, 429895	Tier 1	Construction of 20 no. three storey dwellings and the conversion of the former Co-op building into three apartments with associated car parking, landscaping and other works.	0.210	1.862923	1.001437	0.210227	11.8	Pending	Yes	Yes	c	c	c	c	d	d	d	d	c	d	d
PINS	EIST Scoping Report https://national-infrastructure-consenting.planninginspectorate.gov.uk/projects/EN0210008	1088	East Irish Sea Transmission Project	Tier 2	Transmission Assets for the Mooir Vannin Offshore Windfarm which includes the Offshore Export Cables, an Offshore Booster Station (in the event of HVAC), landfall infrastructure, Onshore Export Cables, an Onshore Substation and Grid Connection Cables to connect to a National Grid Substation at Penwortham. S: Cable route option 1 Landfall at Sefton F: Cable route option 2 Landfall at Fleetwood	S/F 0	S/F 0	S 10.5, F 11.27	S/F 0.58	S/F 0.38	Pending	Yes	Yes	c	c	c	c	c	c	c	c	c	c	c


Anchorsholme
Thornton
Little Bispham
Norbreck
Bispham
Carleton
Skippool
Larbreck
Poulton-le-Fylde
Little Singleton
Highfurlong
Little Carleton
Warbreck
North Shore
Hoohill
Hardhorn
High Cross
Hardhorn Village
Singleton
Layton
Queenstown
Blackpool
Newton
Staining
Esprick
Weeton
Great Marton
Little Marton
Revoe
Little Marton Moss Side
Sandham's Green
Hawes Side
South Shore
Walker's Hill
Common Edge
Peel Hill
Great Plumpton
317
318
320
319
757
754
756
966
835
243
396
322
171
327
328
329
755
938
323
325
332
334
110
60
157
134
335
972
174
796
71
341
337
753
342
352
347
348
345
343
346
355
775
344
941
56
338
751
360
962
759
199
752
351
354
750
748
353
357
356
278
965
361
150
154
891
895
903
893
890
740
744
745
746
741
187
242
273
737
967
163
162
743
728
730
736
902
735
760
83
732
733
731
729
84
832
889
739
153
912
963
726
123
64
734
308
725
170
961
727
257
721
922
738
51
249
167
887
885
59
913
57
41
45
76
95
894
964
724
715
80
142
145
146
814
892
34
39
811
769
831
N
Blackpool
Preston
LEGEND
Transmission Assets Order Limits
Onshore infrastrucure area
Landfall and intertidal area
Offshore Permanent Infrastructure Area
1 km Buffer
Cumulative applications locations - Screened In
Cumulative applications locations - Screened Out
Cumulative Assessment Application Boundaries
MORECAMBE
EnBW
bp
RPS
A TETRA TECH COMPANY
Partners in UK offshore wind
Figure 1.1
Drawing Number:
12693-0045-06
Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS
Drawing Title:
CUMULATIVE APPLICATIONS
0 200 400 600 800 m
Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000
Data Sources: Client, MMO, NRW, ScotGov
Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack
VER | DATE | DETAILS | BY | CHECK
07 | 03/09/24 | FINAL | SHB | BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW | bp | RPS — Partners in UK offshore wind — A TETRA TECH COMPANY

Figure 1.2

Drawing Number: 12693-0045-06

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: CUMULATIVE APPLICATIONS

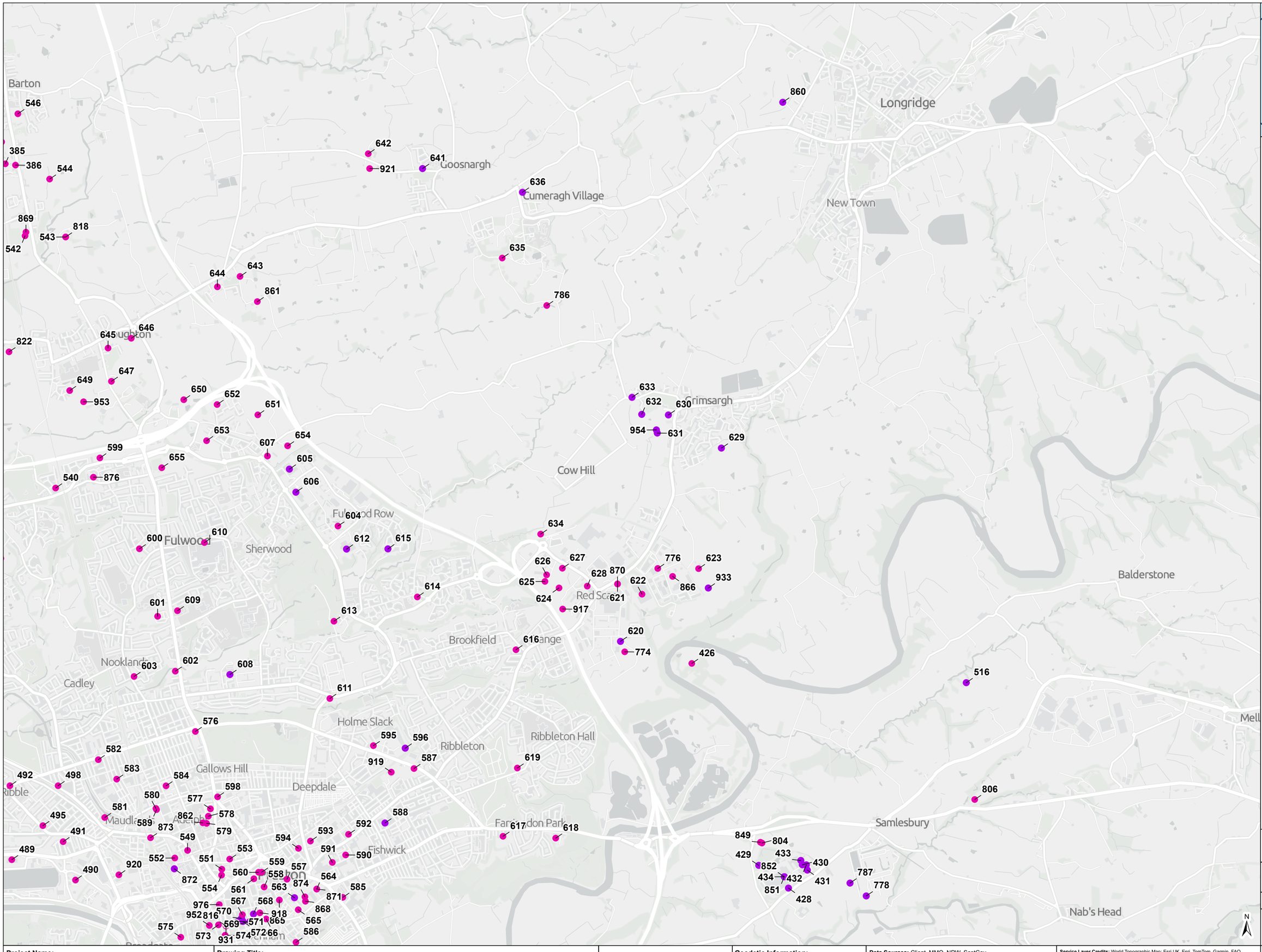
0 200 400 600 800 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW Partners in UK offshore wind | bp | rps A TETRA TECH COMPANY

Figure 1.3

Drawing Number: 12693-0045-06

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: CUMULATIVE APPLICATIONS

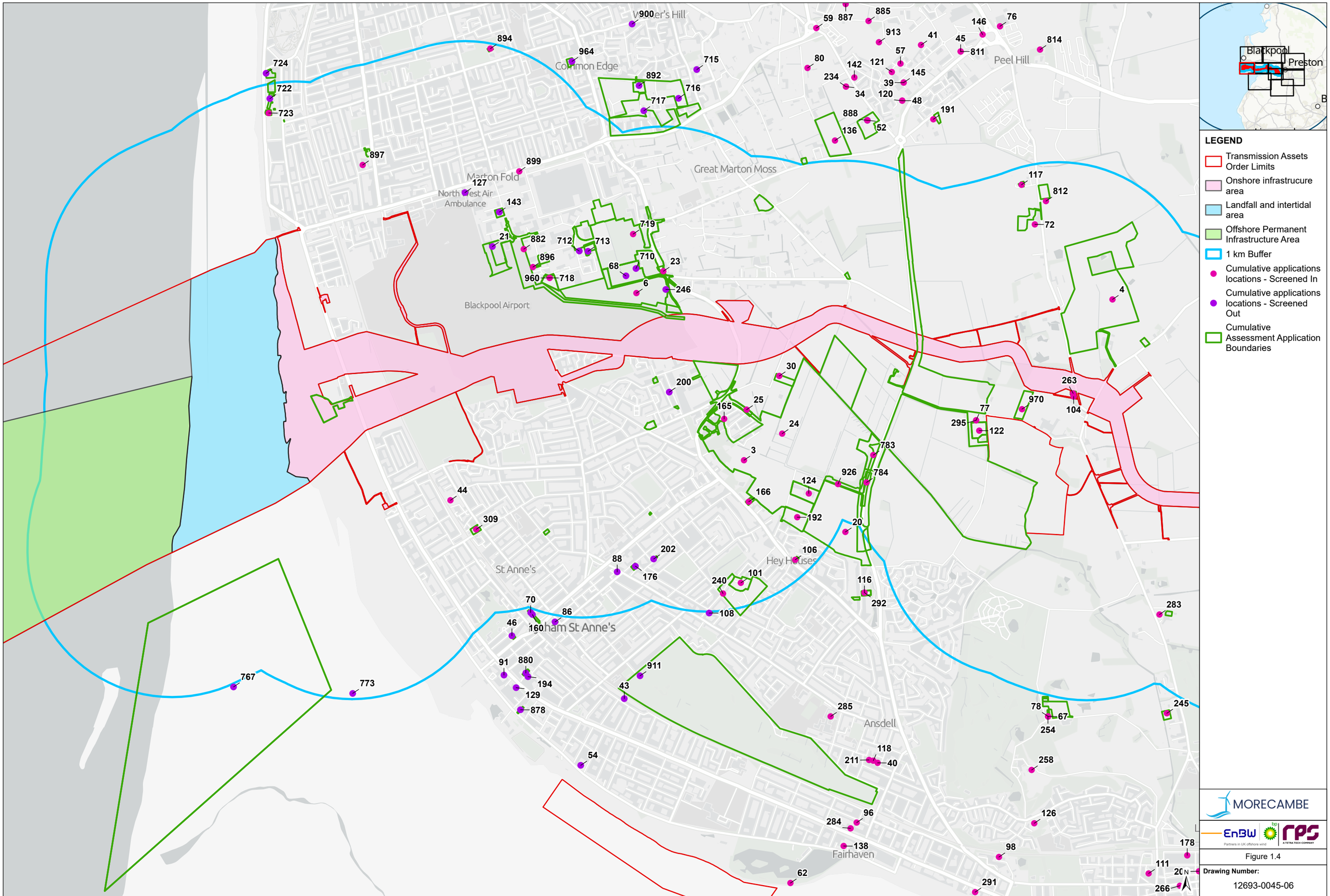
0 200 400 600 800 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000

Data Sources: Client, MMO, NRW, ScotGov

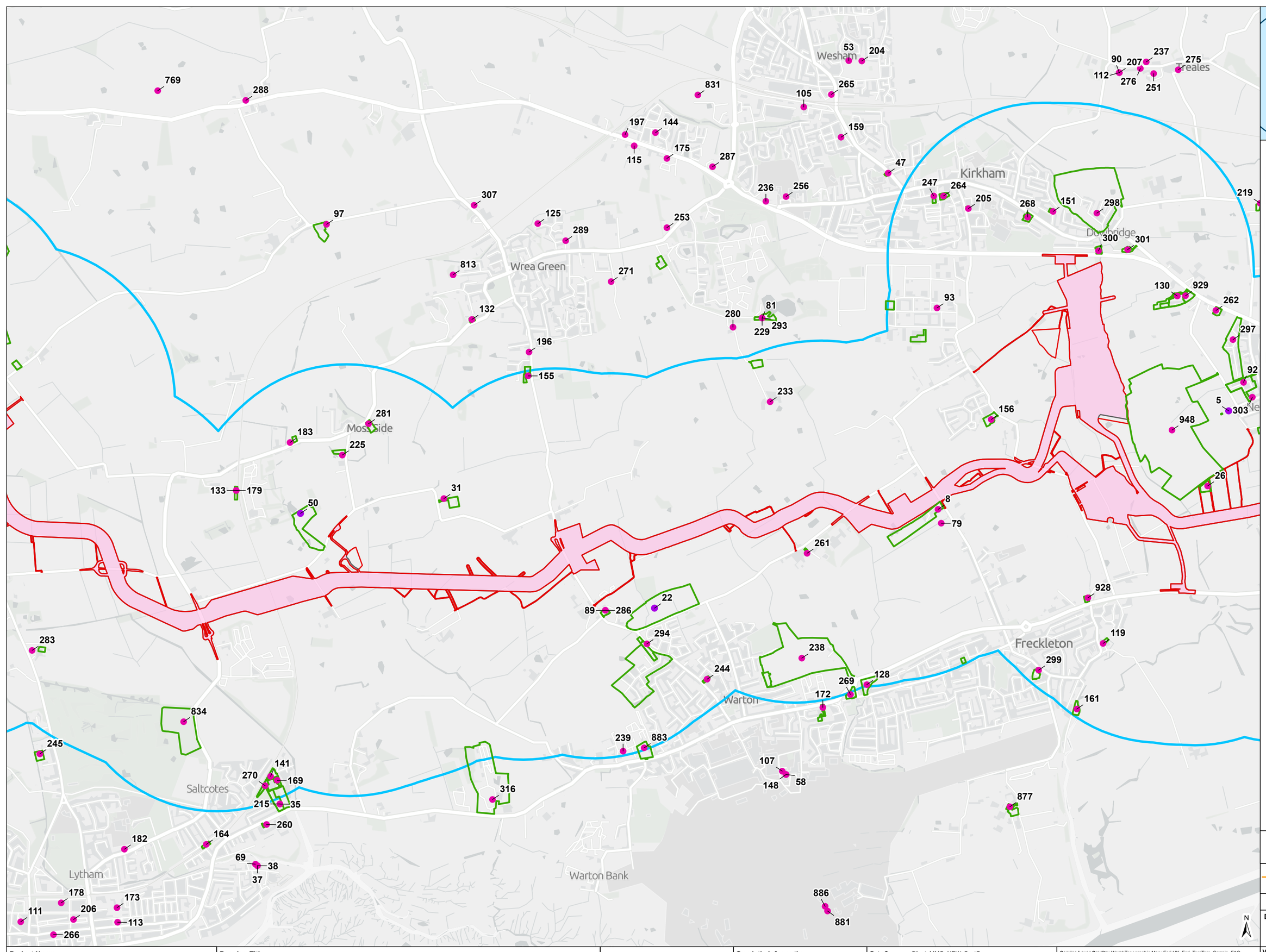
Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** CUMULATIVE APPLICATIONS	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid Scale@379mmx231mm: 1:22,000	**Data Sources:** Client, MMO, NRW, ScotGov	**Service Layer Credits:** World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS GB Light Grey: Contains OS data © Crown Copyright and database right 2023 Contains data from OS Zoomstack	MORECAMBE Figure 1.4 **Drawing Number:** 12693-0045-06

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

Partners in UK offshore wind

Figure 1.5

Drawing Number: 12693-0045-06

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: CUMULATIVE APPLICATIONS

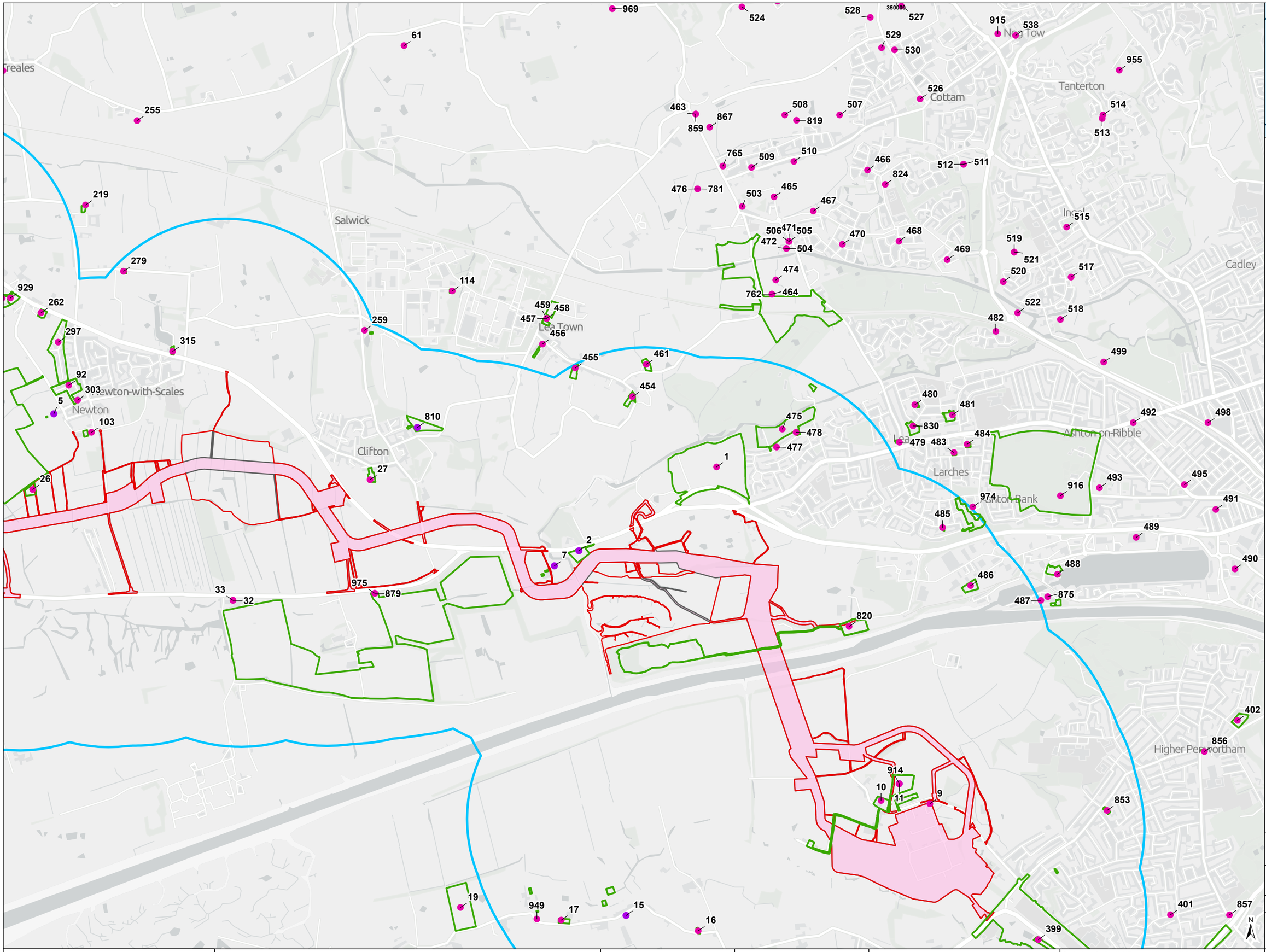
0 200 400 600 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:22,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW | bp | RPS — Partners in UK offshore wind — A TETRA TECH COMPANY

Figure 1.6

Drawing Number: 12693-0045-06

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

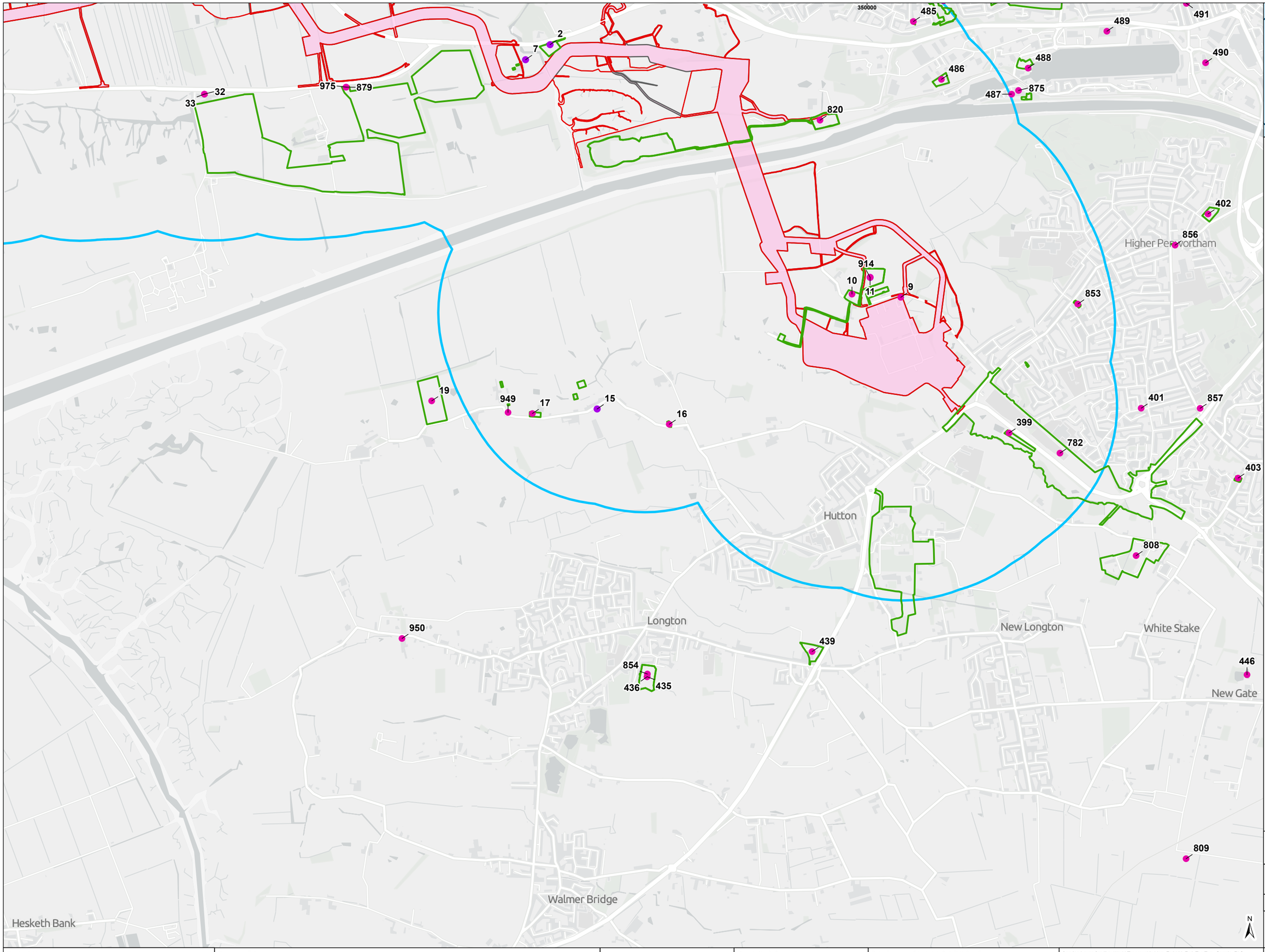
Drawing Title: CUMULATIVE APPLICATIONS

0 200 400 600 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:22,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

Partners in UK offshore wind

Figure 1.7

Drawing Number: 12693-0045-06

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: CUMULATIVE APPLICATIONS

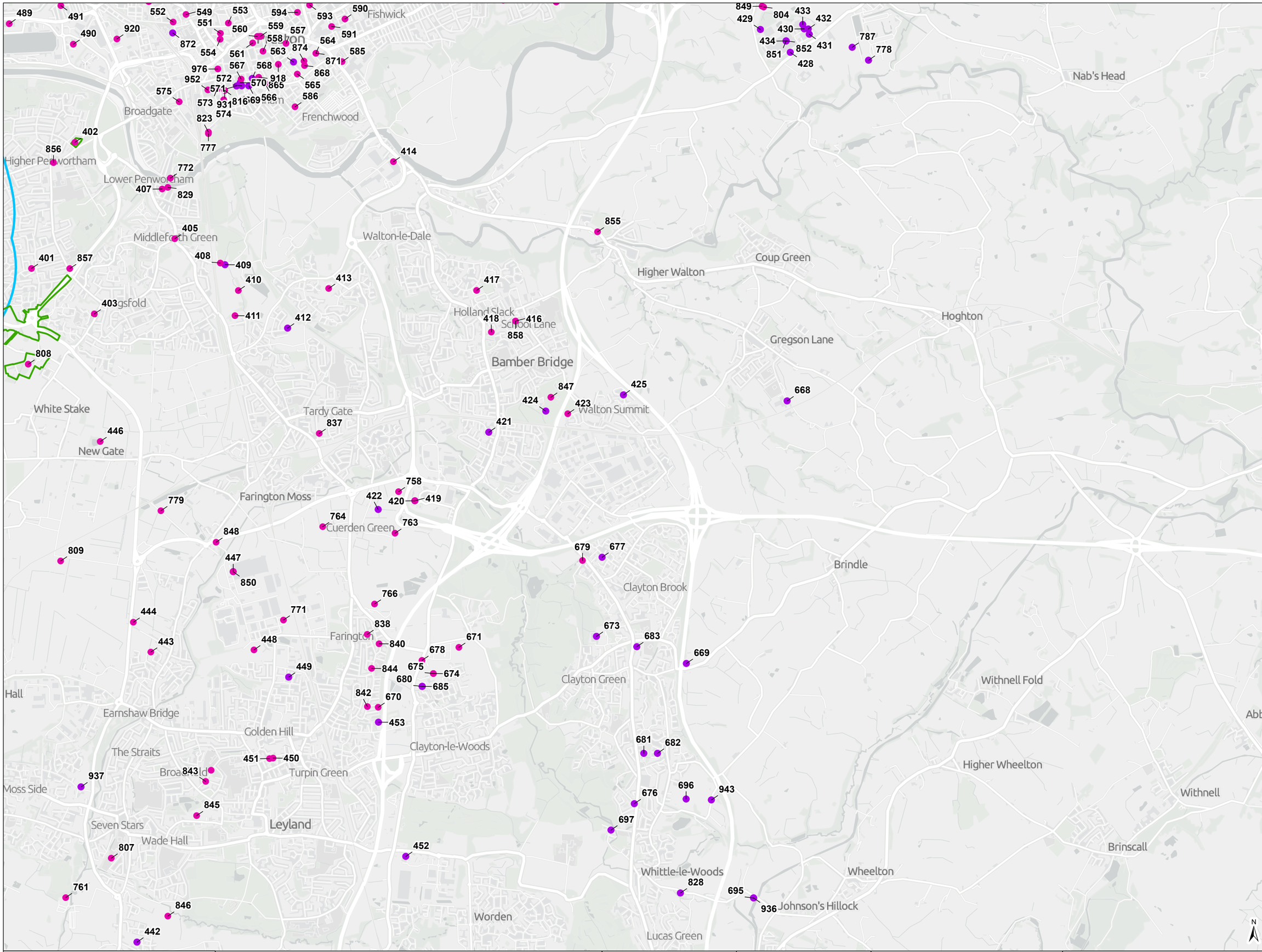
0 200 400 600 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:22,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp rps A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.8

Drawing Number: 12693-0045-06

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

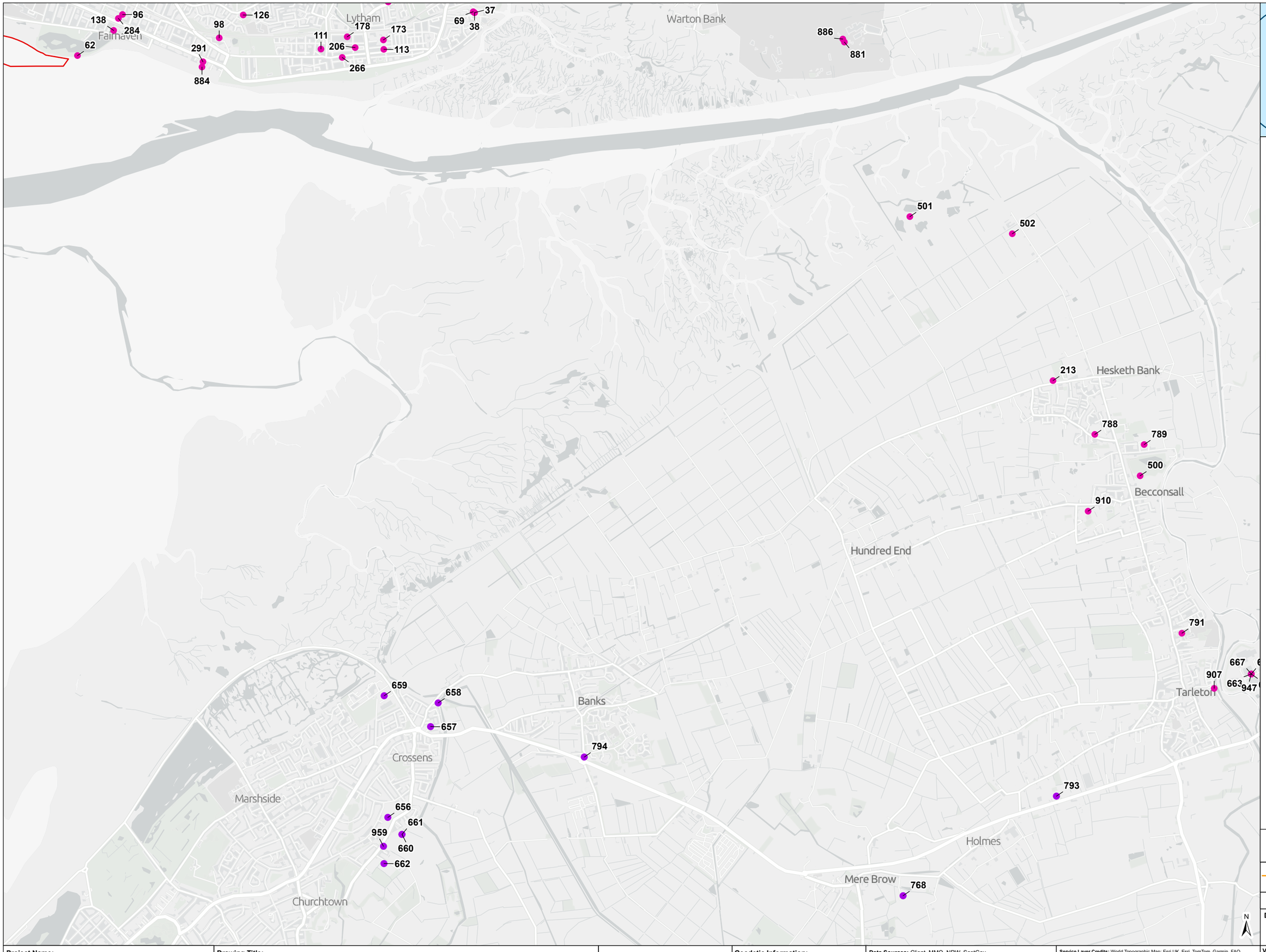
Drawing Title: CUMULATIVE APPLICATIONS

0 200 400 600 800 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

Partners in UK offshore wind

Figure 1.9

Drawing Number:
12693-0045-06

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS

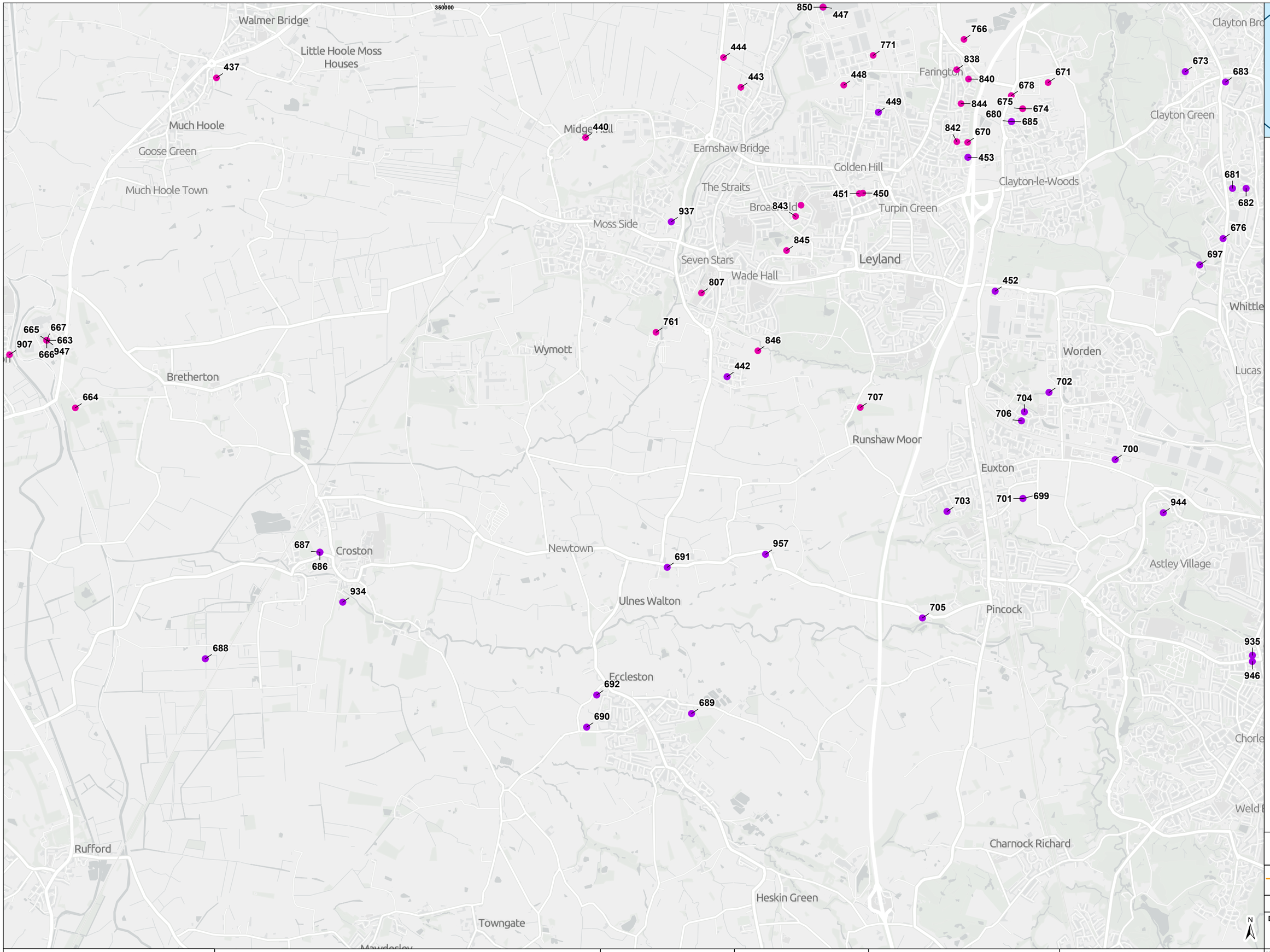
0 200 400 600 800 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS

Figure 1.10

Drawing Number: 12693-0045-06

Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title: CUMULATIVE APPLICATIONS

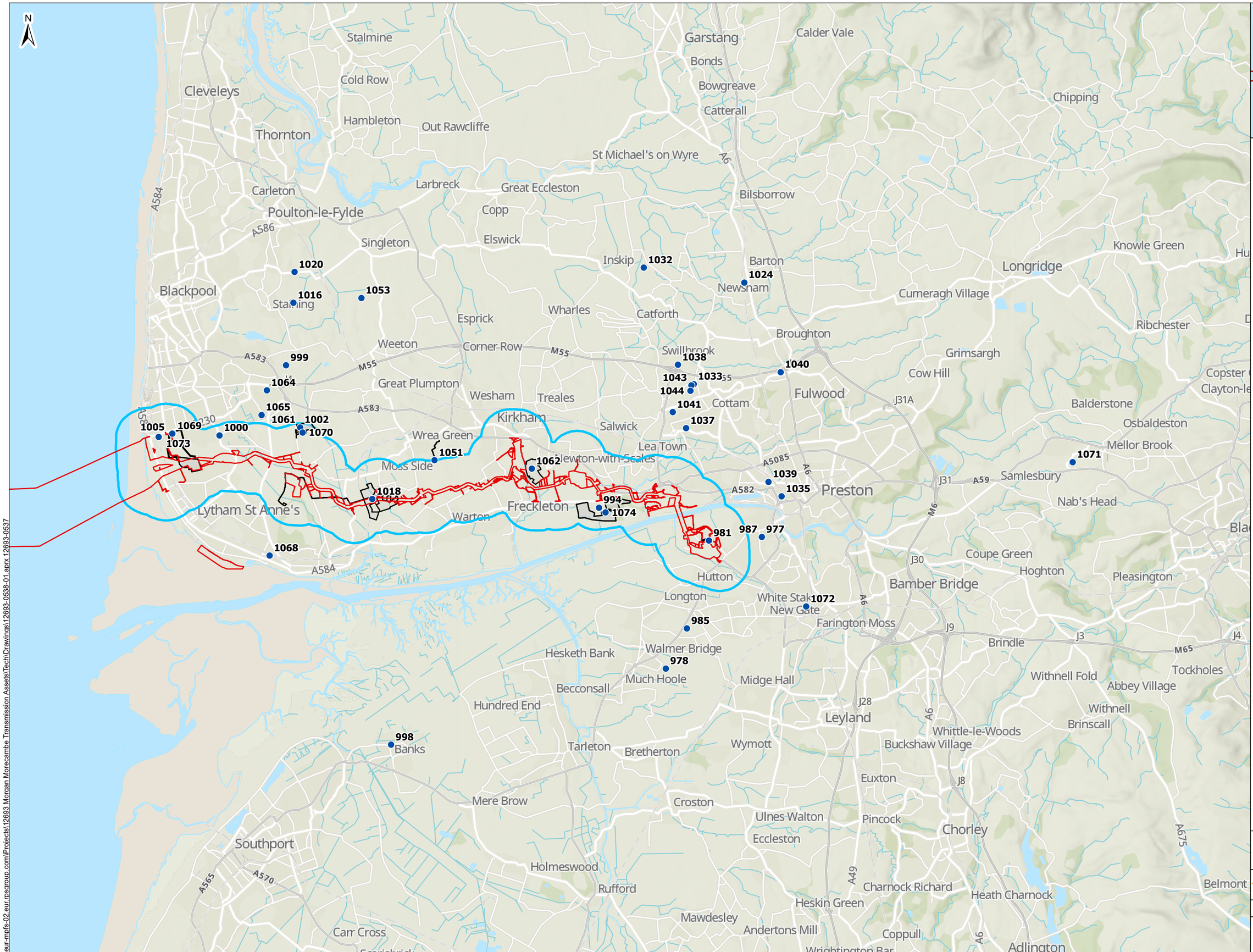
0 200 400 600 800 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:34,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: World Topographic Map: Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS
GB Light Grey: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

VER	DATE	DETAILS	BY	CHECK
07	03/09/24	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- 1 km Buffer
- Cumulative Application Points
- Cumulative Application Boundaries

Path: L:\Projects\12693 Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0538-01.aprx 12693-0537

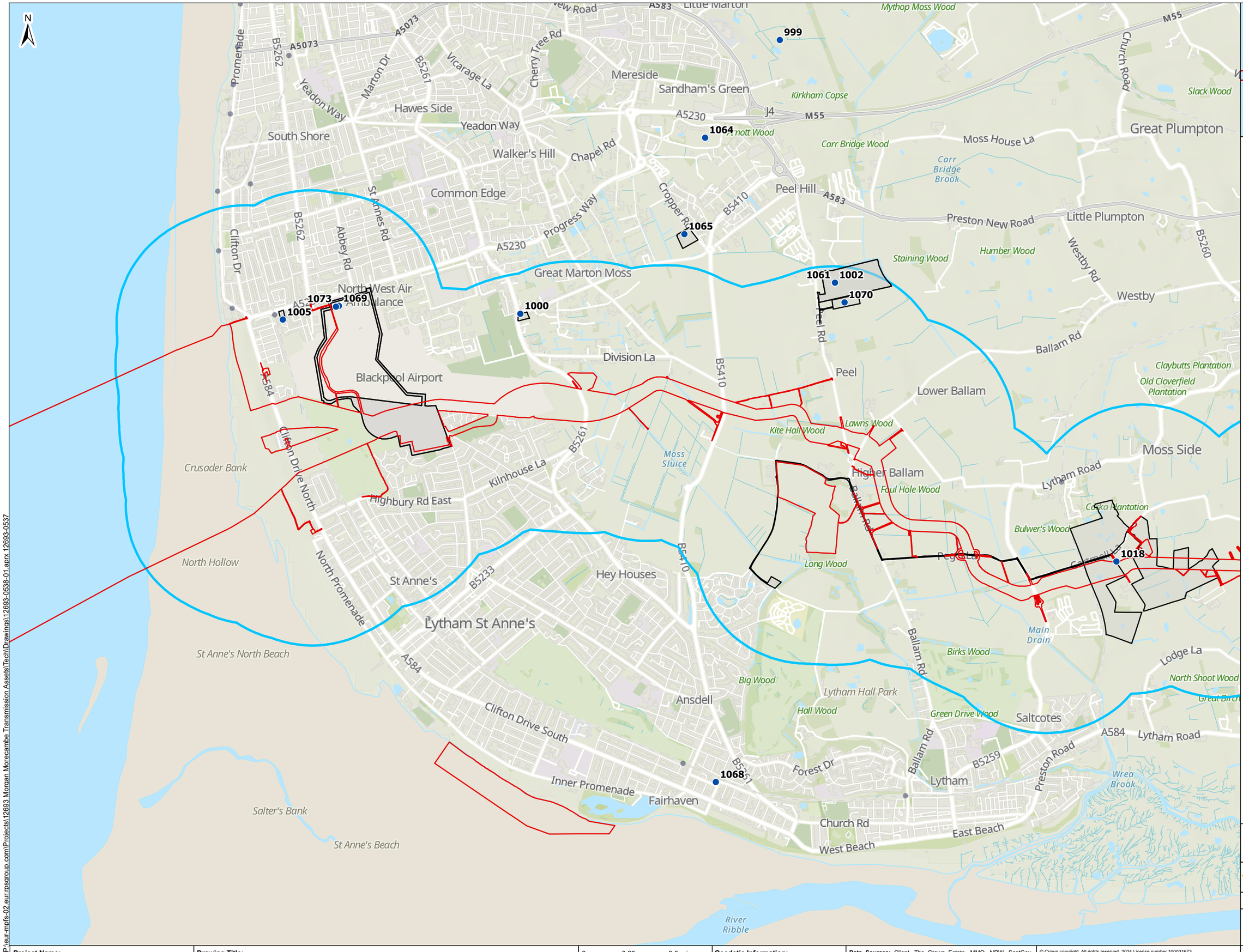
Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** CUMULATIVE APPLICATIONS	0 1 2 mi 0 1 2 km	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid Scale@379mmx231mm: 1:118,000	**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org	© Crown copyright, All rights reserved. 2024 License number 100031673 . Service layer credits: Esri, Intermap, NASA, NGA, USGS, Contains OS data © Crown Copyright and database right 2025 Contains data from OS Zoomstack, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.11

Drawing Number:
12693-0538-01

VER	DATE	DETAILS	BY	CHECK
01	15/05/25	FINAL	JM	BP



Path: L:\1 P:\eur-mpfs-02.eur.rnsgroup.com\Projects\12693 Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0538-01.aprx 12693-0538-01

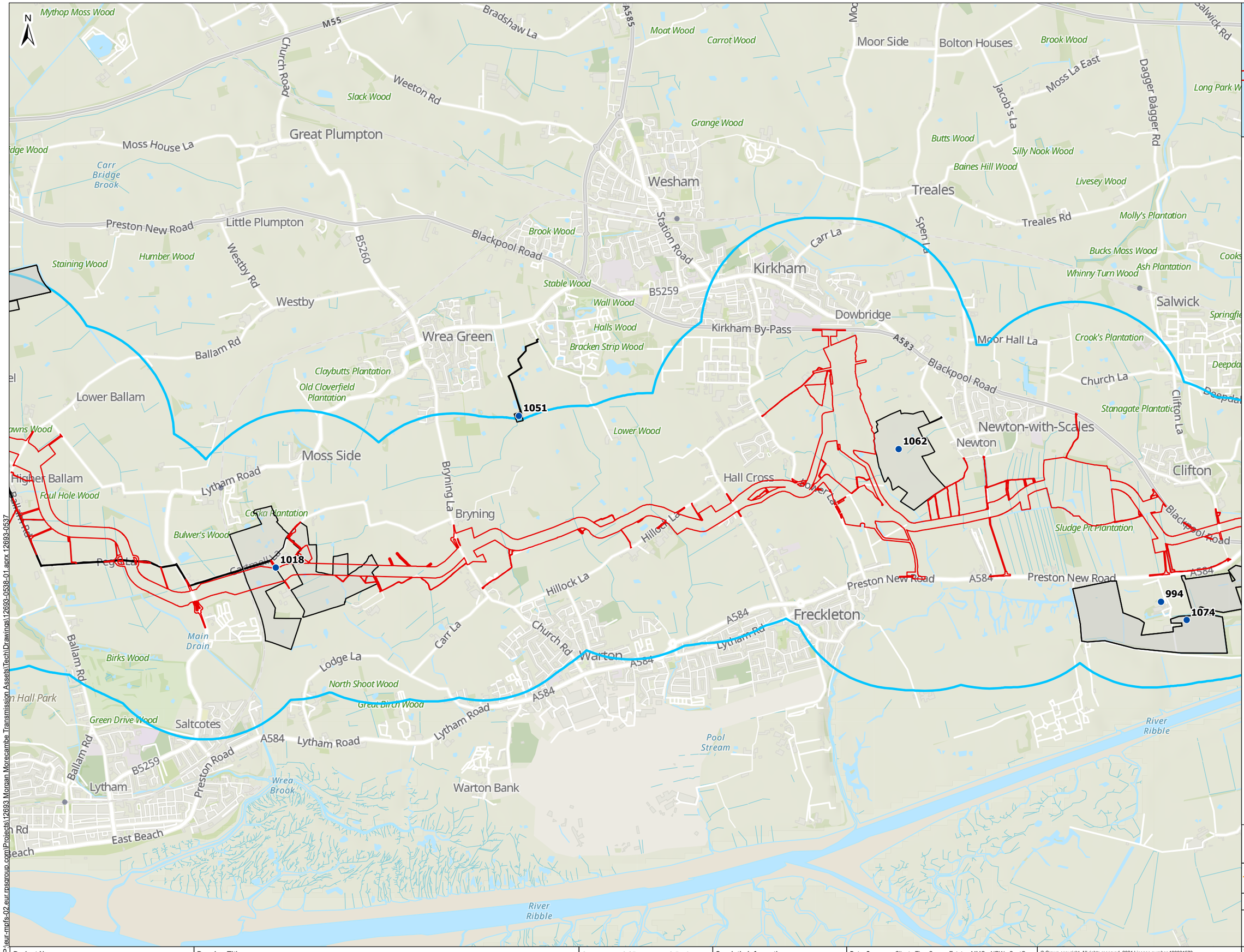
Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** CUMULATIVE APPLICATIONS	0 0.25 0.5 mi 0 0.25 0.5 km	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid Scale@379mmx231mm: 1:30,000	**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org	© Crown copyright, All rights reserved. 2024 License number 100031673 . Service layer credits: Esri, Intermap, NASA, NGA, USGS, Contains OS data © Crown Copyright and database right 2025 Contains data from OS Zoomstack, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown			

VER	DATE	DETAILS	BY	CHECK
01	15/05/25	FINAL	JM	BP

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | rps
Partners in UK offshore wind | A TETRA TECH COMPANY

Figure 1.12

Drawing Number:
12693-0538-01



LEGEND

- Transmission Assets Order Limits
- 1 km Buffer
- Cumulative Application Points
- Cumulative Application Boundaries

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.13

Drawing Number:
12693-0538-01

Project Name:	MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS
Drawing Title:	CUMULATIVE APPLICATIONS

0 0.25 0.5 mi
0 0.25 0.5 km

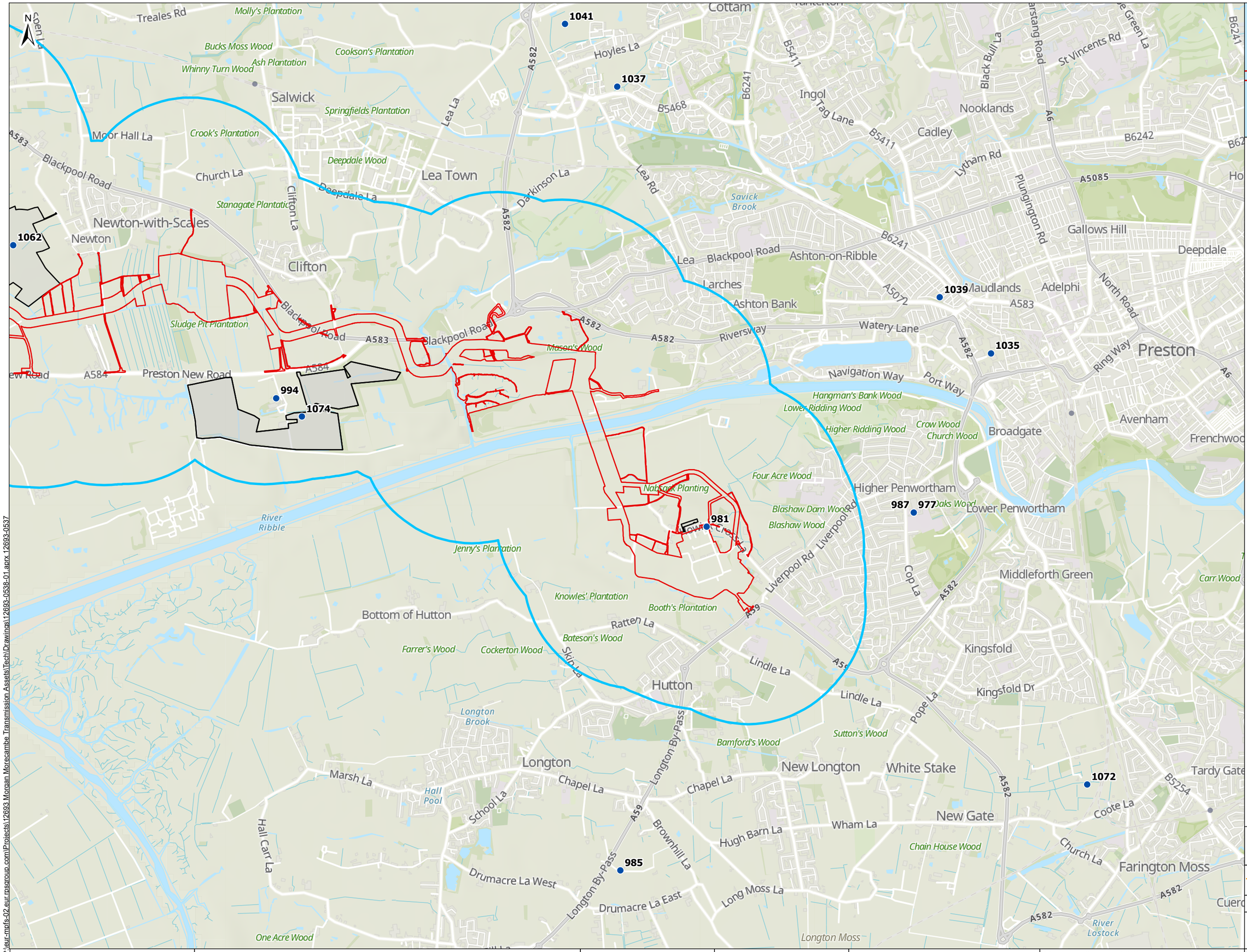
Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:30,000

Data Sources: Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

© Crown copyright, All rights reserved. 2024 License number 100031673 .
Service layer credits: Esri, Intermap, NASA, NGA, USGS, Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown

VER	DATE	DETAILS	BY	CHECK
01	15/05/25	FINAL	JM	BP

Path: L1 P:\eur-mpfs-02.eur.rpsgroup.com\Projects\12693 Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0538-01.aprx 12693-0537



Path: L1 P:\eur-mnfs-02.eur.rpsgroup.com\Projects\12693 Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0538-01.aprx 12693-0537

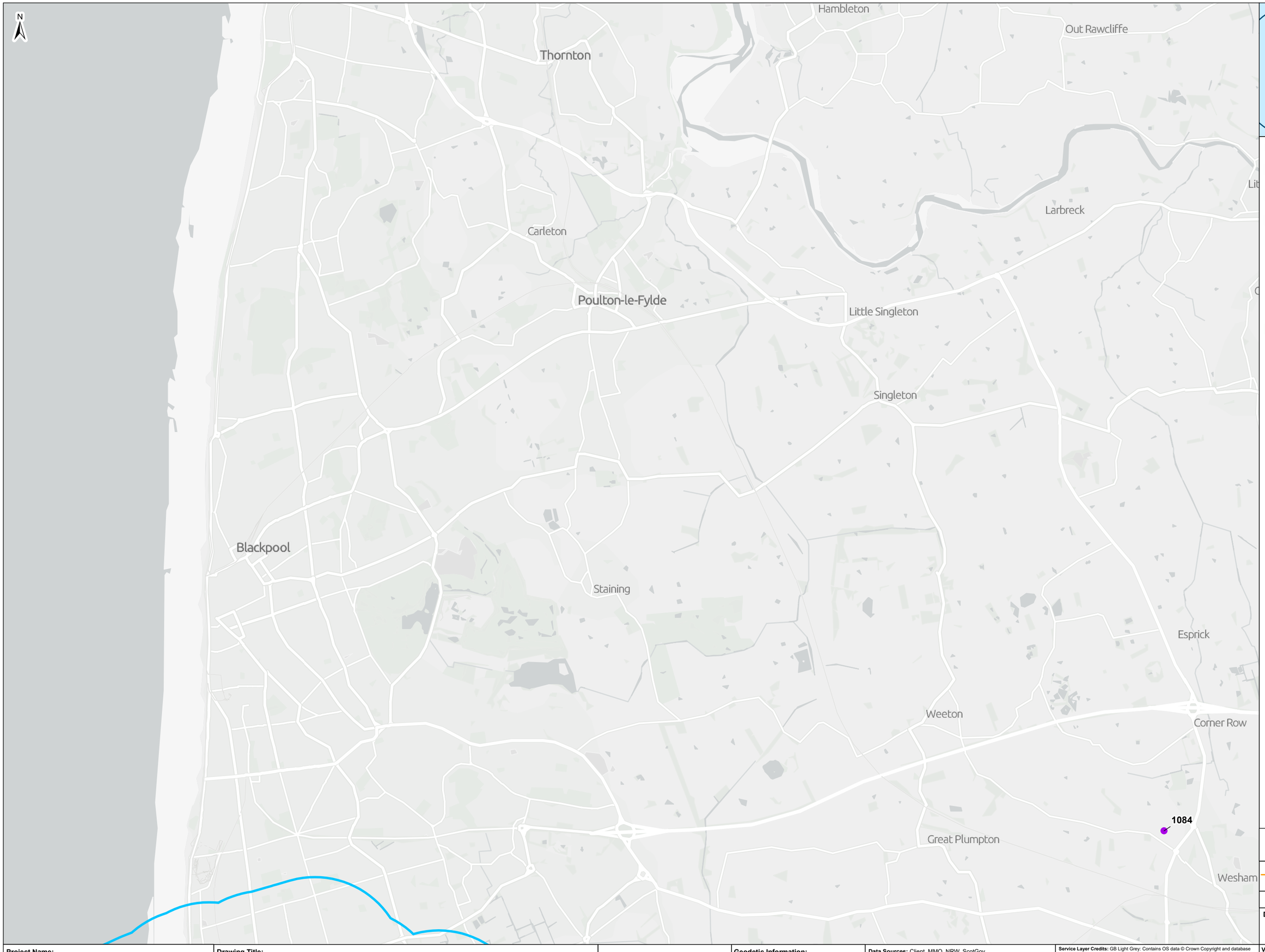
Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** CUMULATIVE APPLICATIONS	0 0.25 0.5 mi 0 0.25 0.5 km	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid Scale@379mmx231mm: 1:30,000	**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org	© Crown copyright, All rights reserved. 2024 License number 100031673 . Service layer credits: Esri, Intermap, NASA, NGA, USGS, Contains OS data © Crown Copyright and database right 2025. Contains data from OS Zoomstack, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Contains OS data © Crown	

VER	DATE	DETAILS	BY	CHECK
01	15/05/25	FINAL	JM	BP

MORECAMBE
cobra | FLOTATION ENERGY
EnBW | bp | RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.14

Drawing Number:
12693-0538-01



Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:37,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
Offshore Permanent Infrastructure Area: bp
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, ©

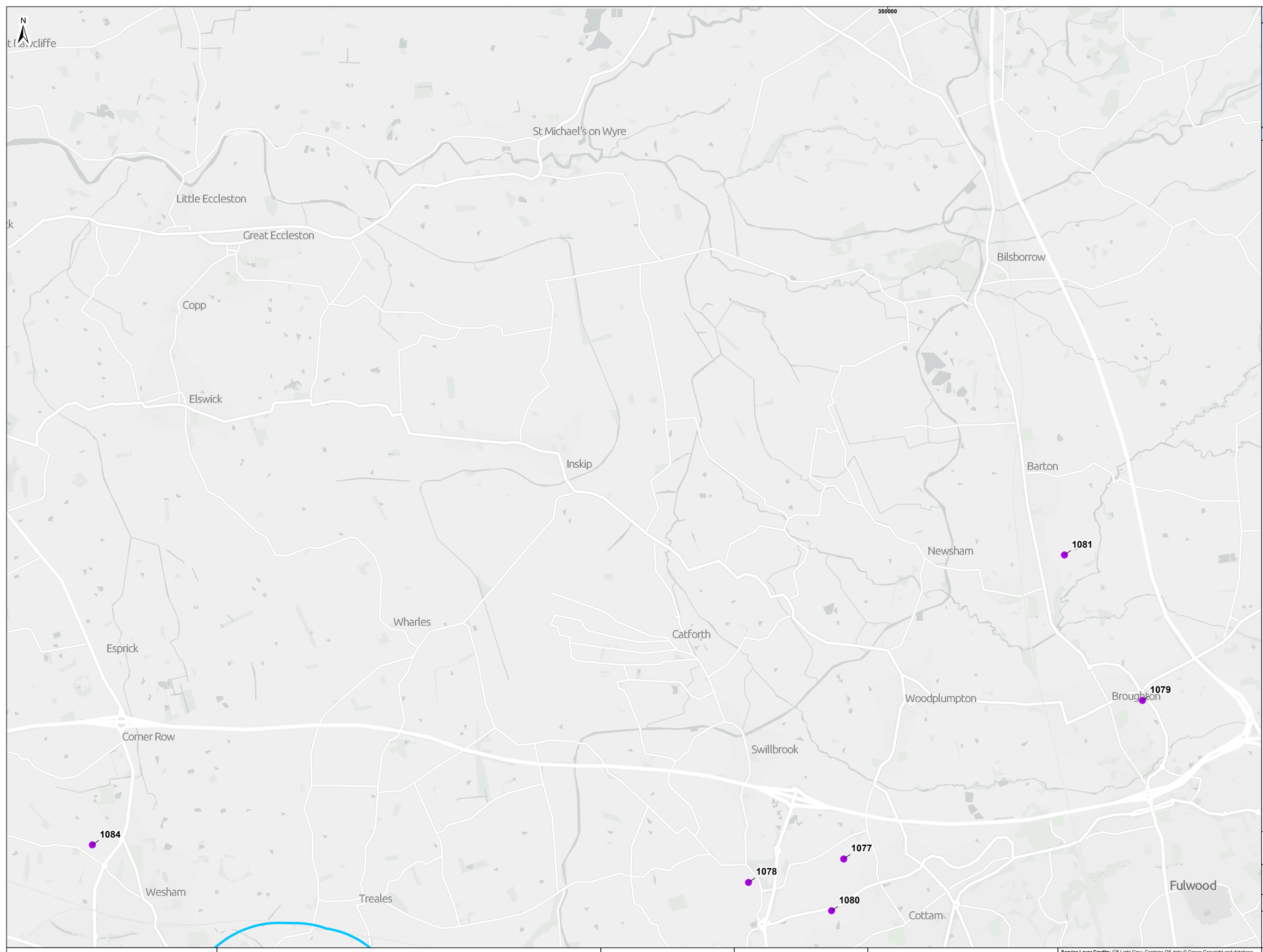
VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ

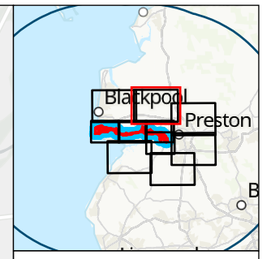
MORECAMBE

Partners in UK offshore wind

Figure 1.1

Drawing Number:
12693-0045-10





LEGEND

- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS — Partners in UK offshore wind — A TETRA TECH COMPANY

Figure 1.2

Drawing Number:
12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

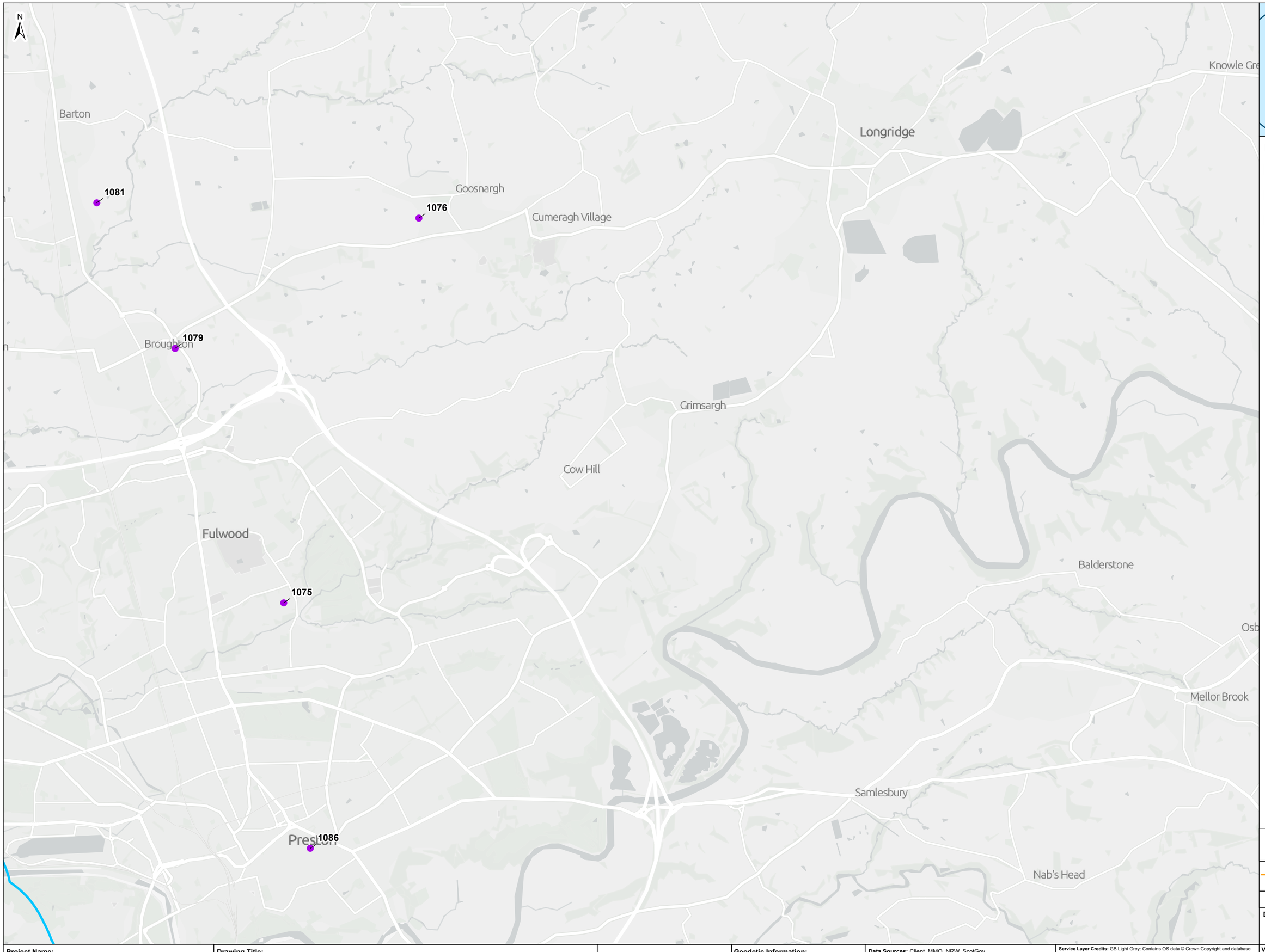
0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:37,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.3

Drawing Number:
12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

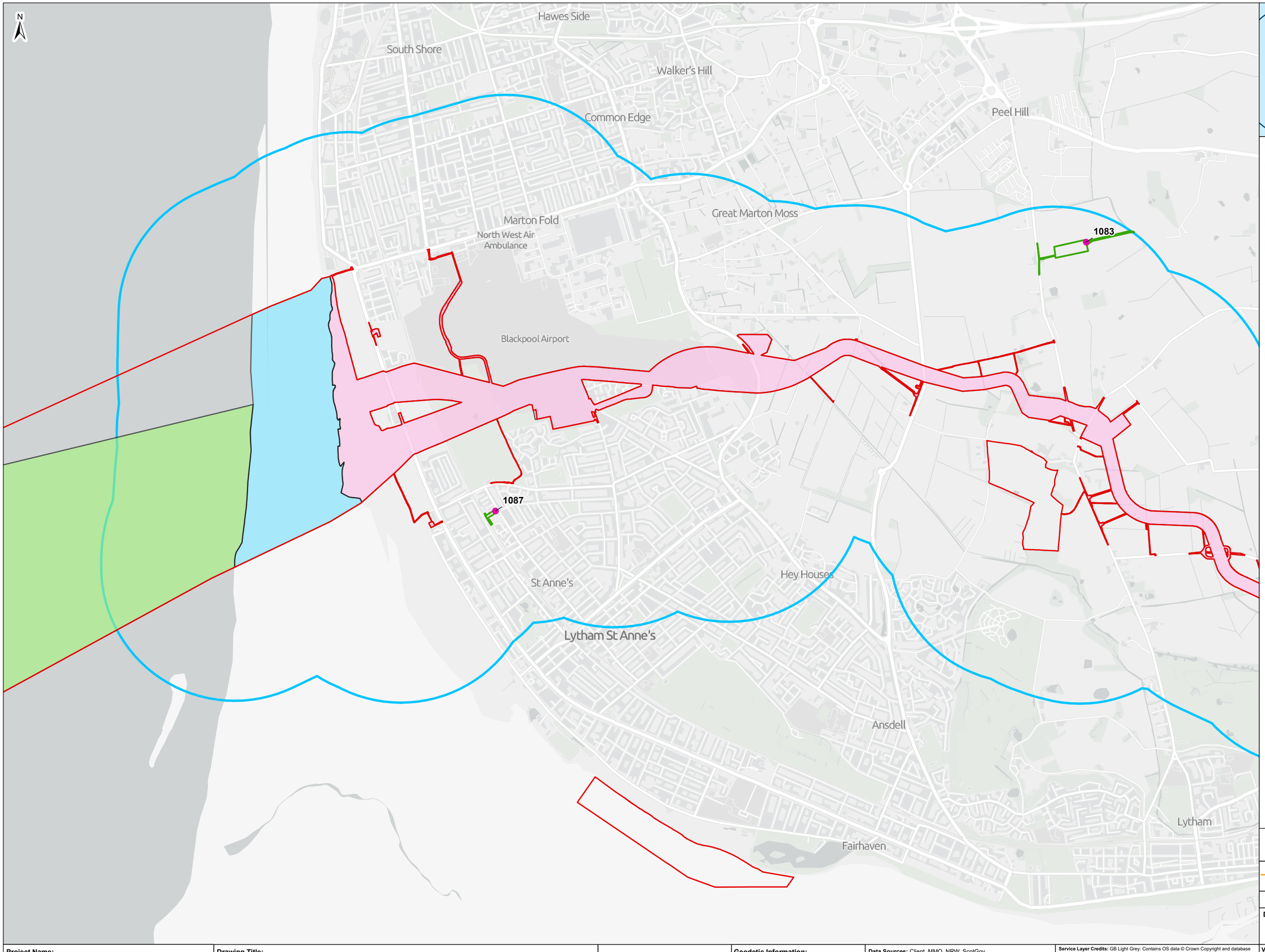
0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:37,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS

Partners in UK offshore wind

A TETRA TECH COMPANY

Figure 1.4

Drawing Number:

12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

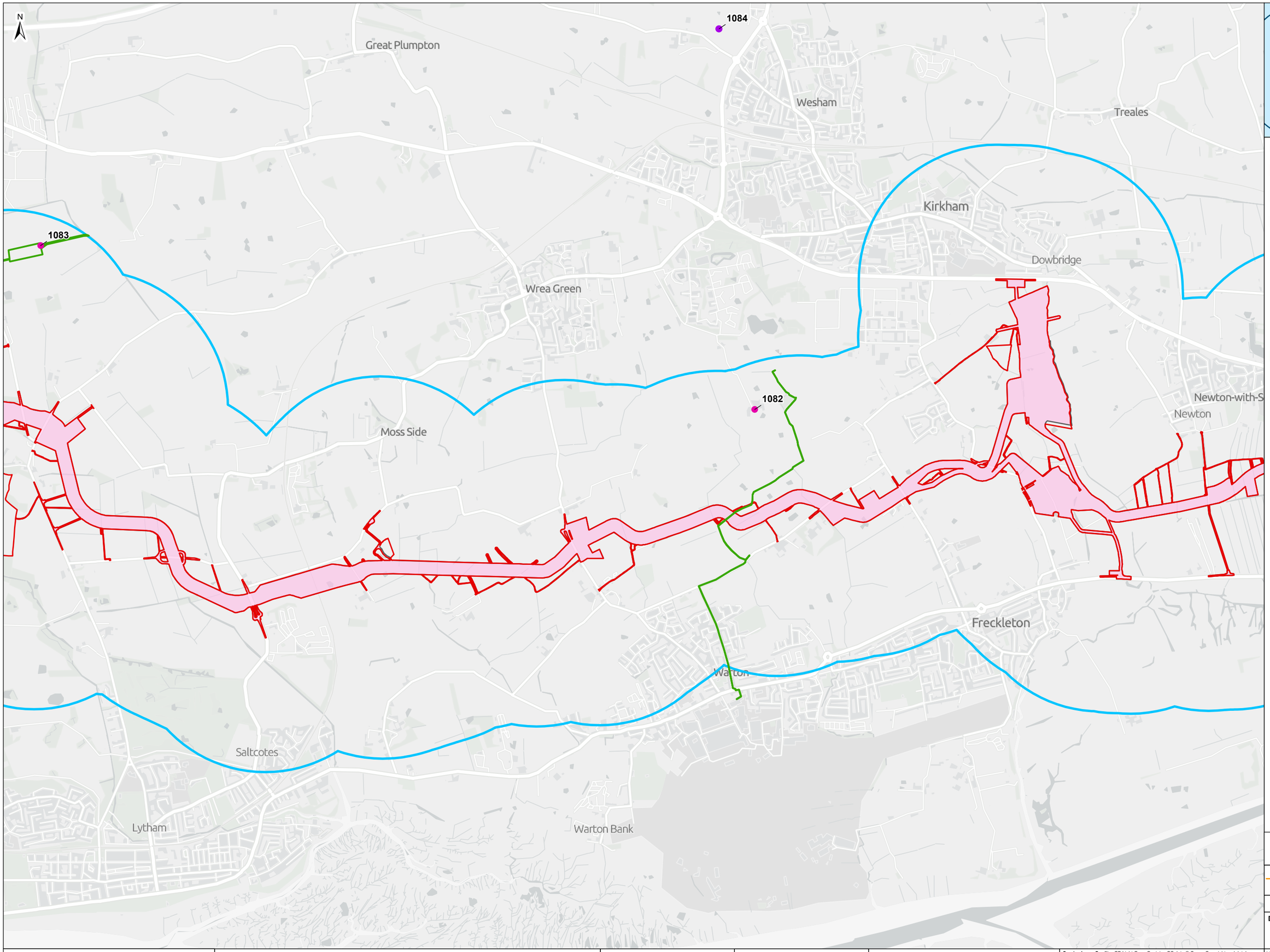
0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:25,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
Intertidal Infrastructure Area: bp
230419_12693_Cumulative_Assessment_Application_Boundaries:
Offshore Permanent Infrastructure Area: bp

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp rps A TETRA TECH COMPANY
Partners in UK offshore wind

Figure 1.5

Drawing Number:
12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

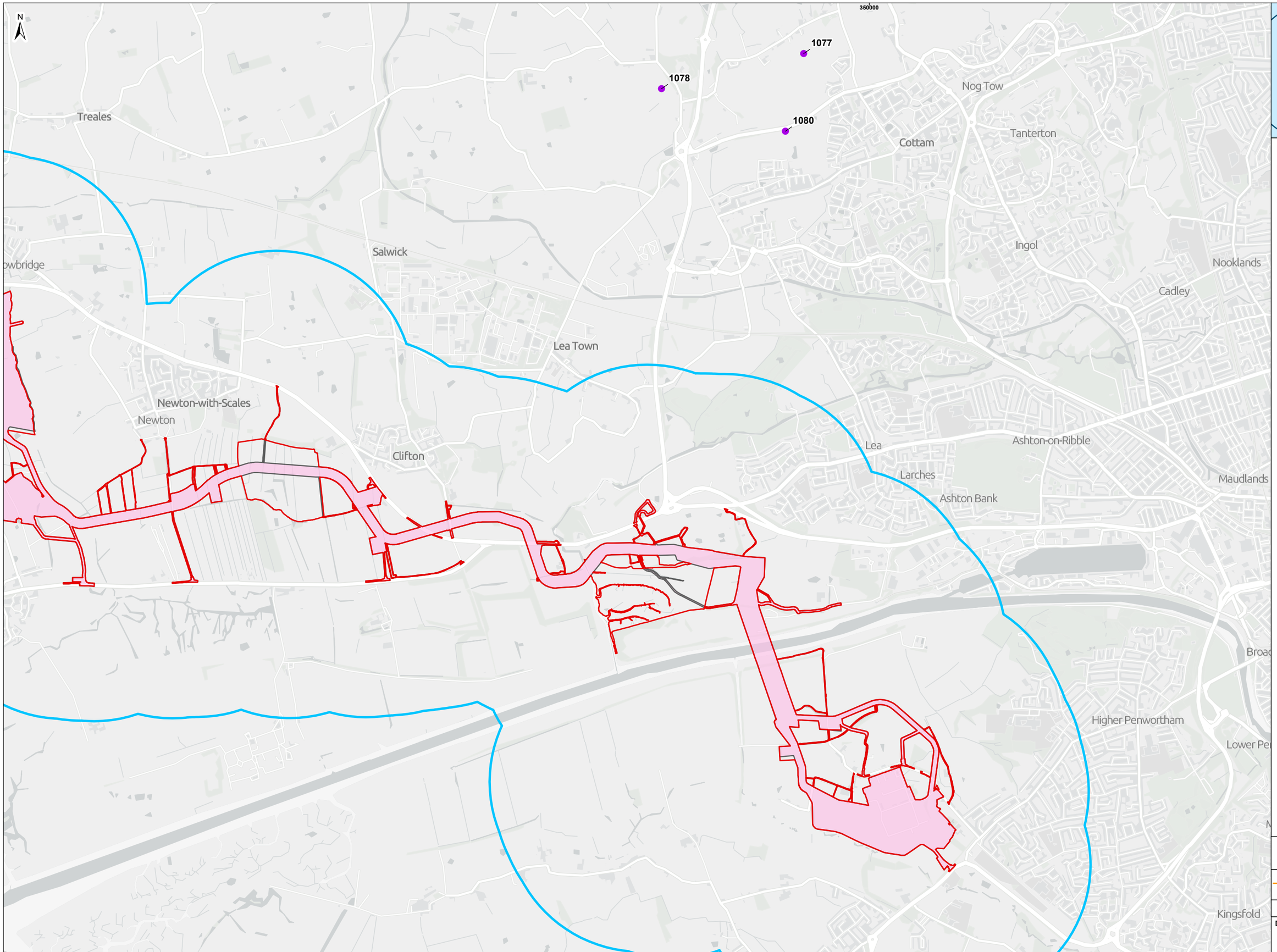
0 1000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:25,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

Partners in UK offshore wind

Figure 1.6

Drawing Number:

12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

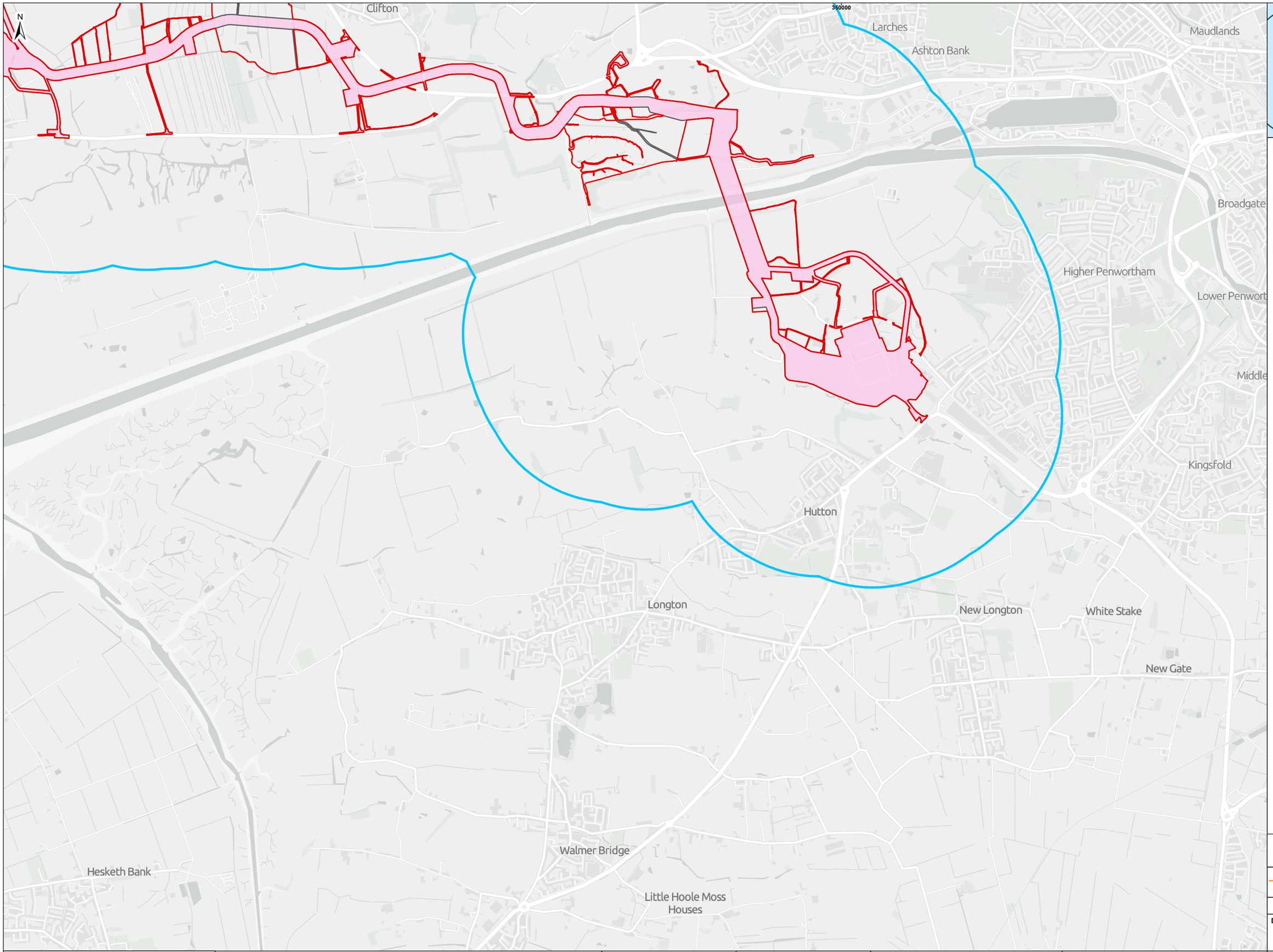
0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:25,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS A TETRA TECH COMPANY Partners in UK offshore wind

Figure 1.7

Drawing Number:
12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

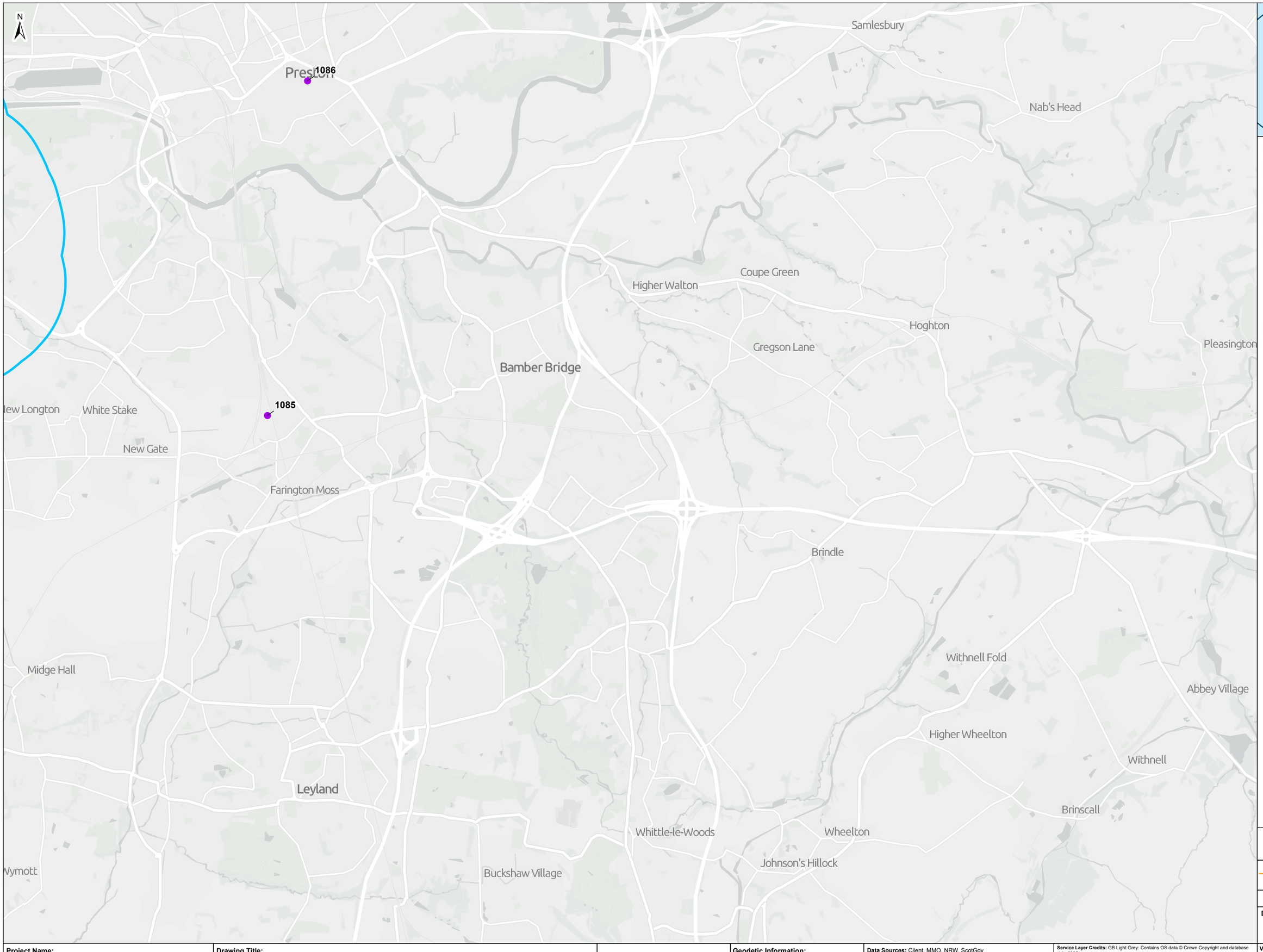
0 1000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:25,000

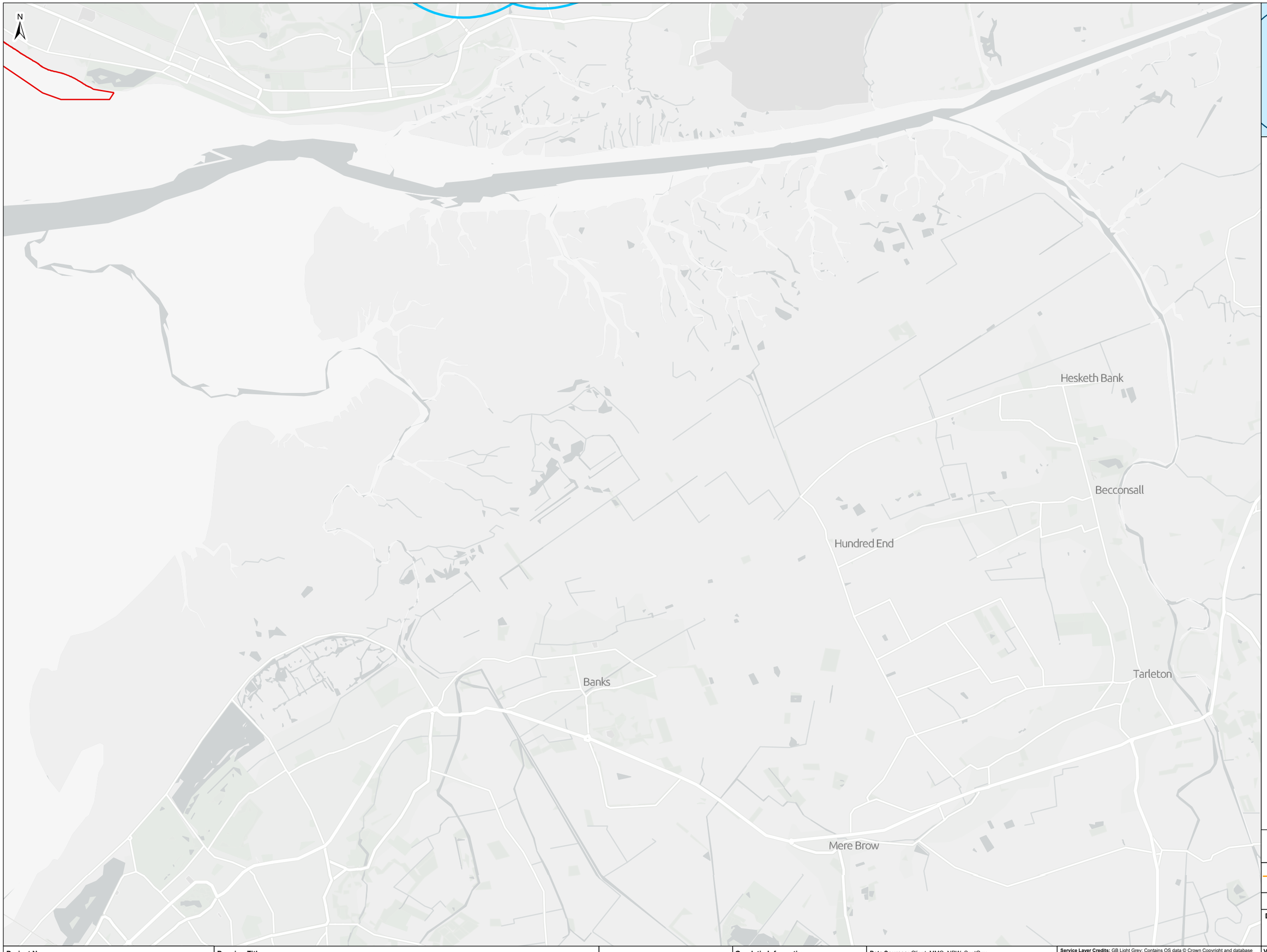
Data Sources: Client, MMO, NRW, ScotGov

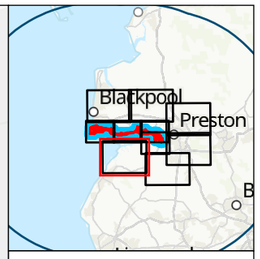
Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



Project Name: MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS	**Drawing Title:** CUMULATIVE APPLICATIONS - AUGUST 2025	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid Scale@379mmx231mm: 1:37,000	**Data Sources:** Client, MMO, NRW, ScotGov	**Service Layer Credits:** GB Light Grey: Contains OS data © Crown Copyright and database right 2025 Contains data from OS Zoomstack 230419_12693_Cumulative_Assessment_Application_Boundaries: World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community	VER	DATE	DETAILS	BY	CHECK
					09	02/09/25	FINAL	SHB	BJ





LEGEND

- Transmission Assets Order Limits
- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

EnBW bp RPS

Figure 1.9

Drawing Number:

12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

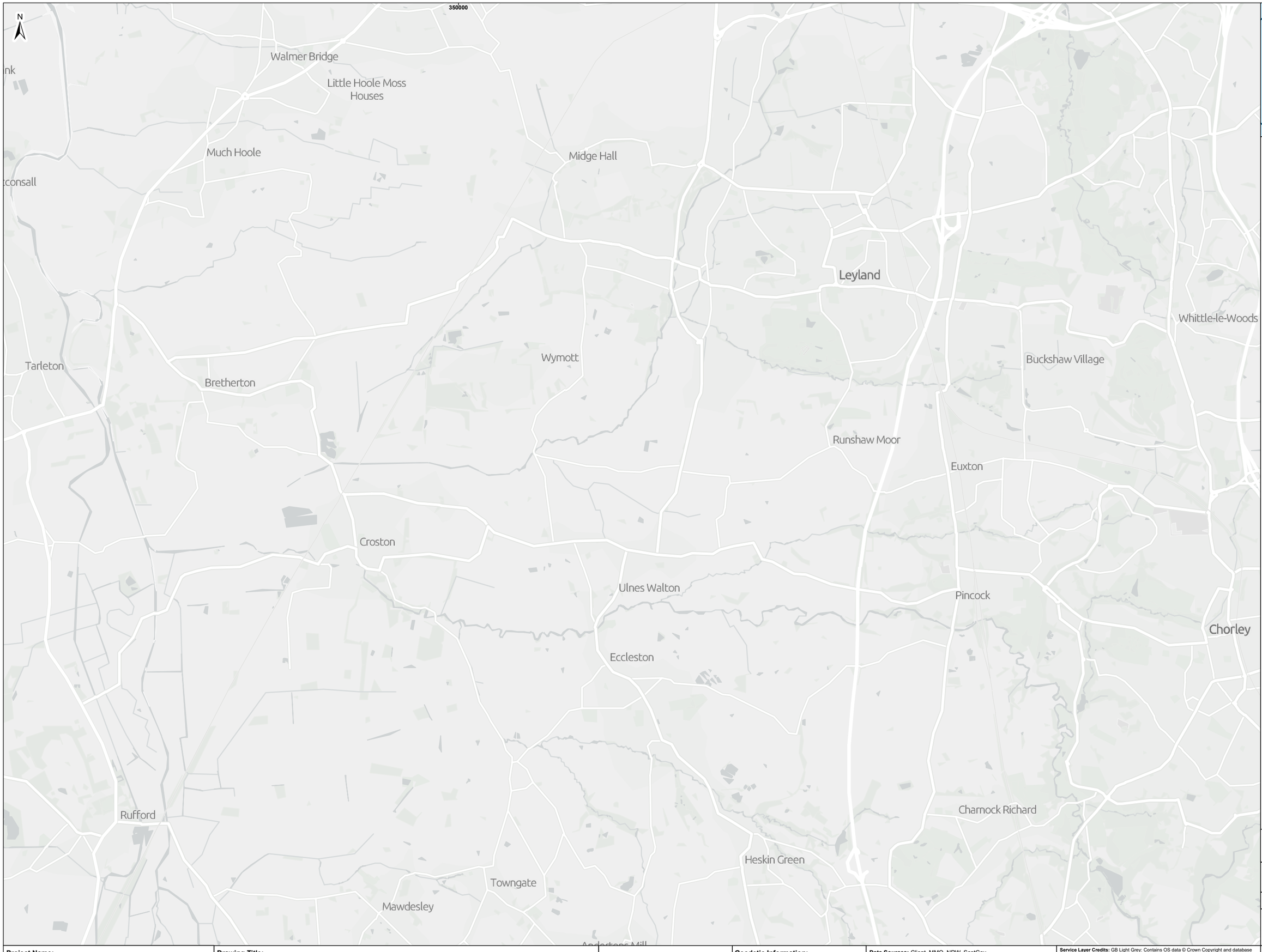
0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:37,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ



LEGEND

- Onshore infrastrucure area
- Landfall and intertidal area
- Offshore Permanent Infrastructure Area
- 1 km Buffer
- Cumulative applications locations - Screened In
- Cumulative applications locations - Screened Out
- Cumulative Assessment Application Boundaries

MORECAMBE

Partners in UK offshore wind

Figure 1.10

Drawing Number:
12693-0045-10

Project Name:
MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Drawing Title:
CUMULATIVE APPLICATIONS - AUGUST 2025

0 1,000 m

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid
Scale@379mmx231mm: 1:37,000

Data Sources: Client, MMO, NRW, ScotGov

Service Layer Credits: GB Light Grey: Contains OS data © Crown Copyright and database right 2025
Contains data from OS Zoomstack
230419_12693_Cumulative_Assessment_Application_Boundaries:
World Topographic Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

VER	DATE	DETAILS	BY	CHECK
09	02/09/25	FINAL	SHB	BJ