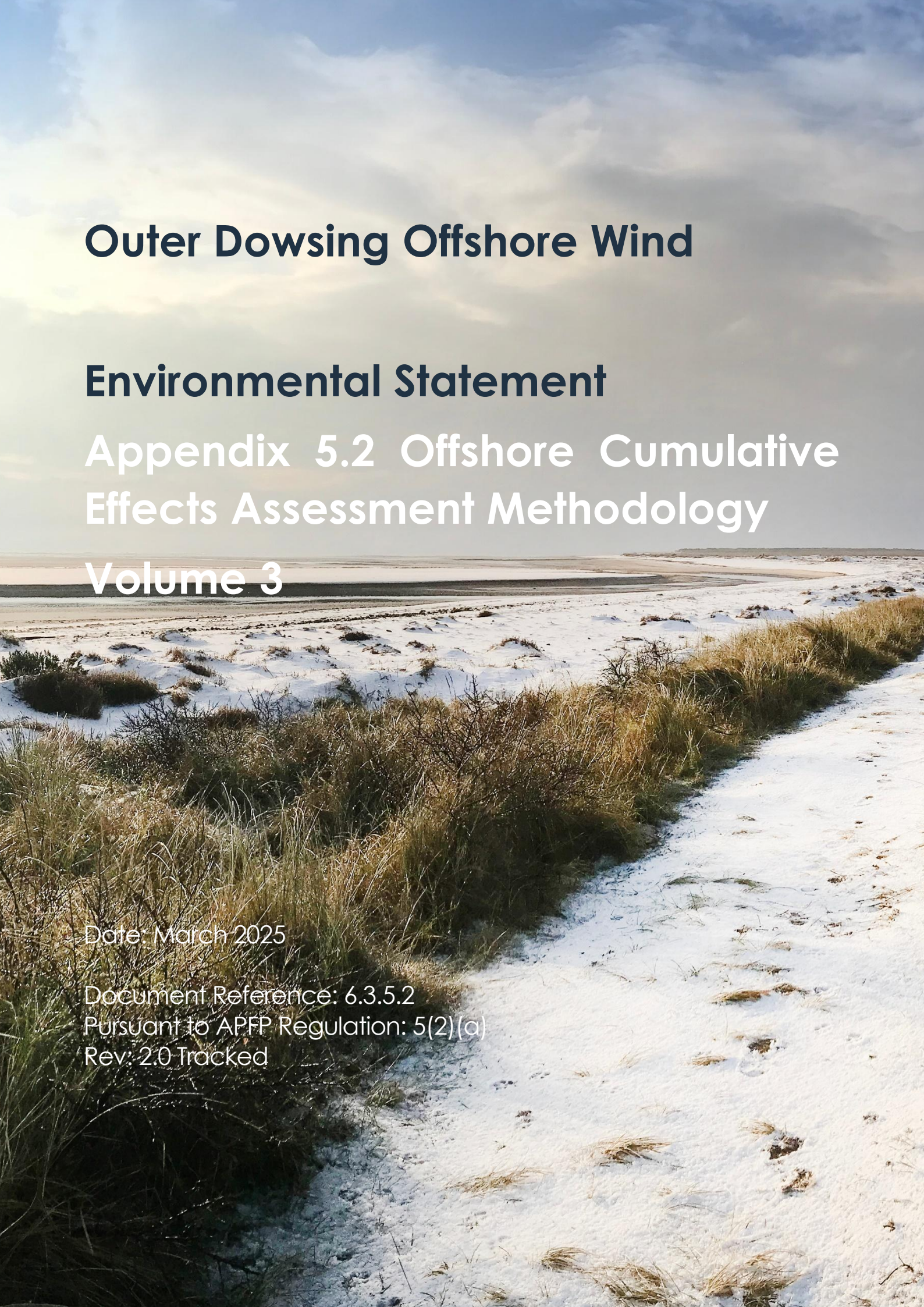

Outer Dowsing Offshore Wind

Environmental Statement

Appendix 5.2 Offshore Cumulative Effects Assessment Methodology

Volume 3

Date: March 2025

Document Reference: 6.3.5.2
Pursuant to APFP Regulation: 5(2)(a)
Rev: 2.0 Tracked

Company:	**Outer Dowsing Offshore Wind**	Asset:	**Whole Asset**
Project:	**Whole Wind Farm**	Sub Project/Package:	Whole Asset
Document Title or Description:	Offshore Cumulative Effects Assessment		
Internal Document Number:	PP1-ODOW-DEV-CS-REP-0159_02	3rd Party Doc No (If applicable):	N/A

Rev No.	**Date**	**Status / Reason for Issue**	**Author**	**Checked by**	**Reviewed by**	**Approved by**
V1.0	March 2024	DCO Application	GoBe	Outer Dowsing	Outer Dowsing	Outer Dowsing
V2.0	March 2025	Examination ES Update: updates to reflect, where relevant: clarifications to date in Examination; correcting errata; additional commitments made through Examination; and changes to status of or addition of cumulative projects	GoBe	Outer Dowsing	Outer Dowsing	Outer Dowsing

Table of Contents

Table of Tables

Acronyms & Definitions

Abbreviations / Acronyms

Abbreviation / Acronym	Description
BEIS	Department for Business, Energy & Industrial Strategy (now the Department for Energy Security and Net Zero (DESNZ))
CEA	Cumulative Effects Assessment
DCO	Developmental Consent Order
DECC	Department of Energy & Climate Change, now the Department for Energy Security and Net Zero (DESNZ)
DESNZ	Department for Energy Security and Net Zero, formerly Department of Business, Energy and Industrial Strategy (BEIS), which was previously Department of Energy & Climate Change (DECC)
ECC	Export Cable Corridor
EIA	Environmental Impact Assessment
EMF	Electromagnetic Field
EPP	Evidence Plan Process
ES	Environmental Statement
ETG	Expert Topic Group
EU	European Union
HRA	Habitat Regulation Assessment
ICNIRP	International Commission Non-Ionising Radiation Protection
INNS	Invasive Non-Native Species
MPS	Marine Policy Statement
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Projects
OWF	Offshore Wind Farm
PEIR	Preliminary Environmental Impact Report
PEMP	Project Environmental Management Plan
RCS	Reactive Compensation Station
SAC	Special Areas of Conservation
SIP	Site Integrity Plan
SPA	Special Protection Area
SSSI	Sites of Special Scientific Interest
UK	United Kingdom
UKHSA	UK Health Security Agency
UXO	Unexploded Ordnance
ZTV	Zone of Theoretical Visibility

Terminology

Term	Definition
Array area	The area offshore within which the generating station (including wind turbine generators (WTG) and inter array cables), offshore

Term	Definition
	accommodation platforms, offshore transformer substations and associated cabling will be positioned, including the ORBA. .
Baseline	The status of the environment at the time of assessment without the development in place.
Cumulative effects	The combined effect of the Project acting additively with the effects of other developments, on the same single receptor/resource.
Cumulative impact	Impacts that result from changes caused by other past, present or reasonably foreseeable actions together with the Project.
Effect	Term used to express the consequence of an impact. The significance of an effect is determined by correlating the magnitude of the impact with the sensitivity of the receptor, in accordance with defined significance criteria.
EIA Directive	European Union 2011/92/EU (as amended by Directive 2014/52/EU).
EIA Regulations	Infrastructure Planning (Environmental Impact Assessment) Regulations 2017
Environmental Impact Assessment (EIA)	A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the EIA Regulations, including the publication of an Environmental Statement (ES).
Environmental Statement (ES)	The suite of documents that detail the processes and results of the EIA.
Habitats Regulations Assessment (HRA)	A process which helps determine likely significant effects and (where appropriate) assesses adverse impacts on the integrity of European conservation sites and Ramsar sites. The process consists of up to four stages of assessment: screening, appropriate assessment, assessment of alternative solutions and assessment of imperative reasons of over-riding public interest (IROPI) and compensatory measures.
Impact	An impact to the receiving environment is defined as any change to its baseline condition, either adverse or beneficial.
National Policy Statement (NPS)	A document setting out national policy against which proposals for Nationally Significant Infrastructure Projects (NSIPs) will be assessed and decided upon.
Offshore Reactive Compensation Station (ORCP)	A structure attached to the seabed by means of a foundation, with one or more decks (including bird deterrents) housing electrical reactors and switchgear for the purpose of the efficient transfer of power in the course of HVAC transmission by providing reactive compensation.~~Platforms located outside the array area which house electrical equipment and control and instrumentation systems. They also provide access facilities for work boats.~~
Order Limits	The area subject to the application for development consent, The Order Limits shown on the works plans within which the Project may be carried out.
Outer Dowsing Offshore Wind	The Project.

Term	Definition
Preliminary Environmental Information Report (PEIR)	The PEIR was written in the style of a draft Environmental Statement (ES) and provided information to support and inform the statutory consultation process during the pre-application phase.
Receptor	A distinct part of the environment on which effects could occur and can be the subject of specific assessments. Examples of receptors include species (or groups) of animals or plants, people (often categorised further such as 'residential' or those using areas for amenity or recreation), watercourses etc.
The Applicant	GTR4 Limited (a joint venture between Corio Generation (and its affiliates), TotalEnergies and Gulf Energy Development), trading as Outer Dowsing Offshore Wind~~GT R4 Ltd. The Applicant making the application for a DCO. The Applicant is GT R4 Limited (a joint venture between Corio Generation, Tota Energies and Gulf Energy Development (GULF)), trading as Outer Dowsing Offshore Wind. The Project is being developed by Corio Generation (a wholly owned Green Investment Group portfolio company), TotalEnergies and GULF.~~
The Planning Inspectorate	The agency responsible for operating the planning process for Nationally Significant Infrastructure Projects (NSIPs).
The Project	Outer Dowsing Offshore Wind, an offshore wind generating station together with associated onshore and offshore infrastructure.
Wind turbine generator (WTG)	A structure comprising a tower, rotor with three blades connected at the hub, nacelle and ancillary electrical and other equipment which may include J-tube(s), transition piece, access and rest platforms, access ladders, boat access systems, corrosion protection systems, fenders and maintenance equipment, helicopter landing facilities and other associated equipment, fixed to a foundation

Reference Documentation

Document Number	Title
5.1	Consultation Report
6.1.2	Need, Policy, and Legislative Context
6.1.3	Project Description
6.1.5	EIA Methodology
6.1.6	Technical Consultation

5 Offshore Cumulative Effects Assessment

5.1 Introduction

5.1.1 Introduction

1. Outer Dowsing Offshore Wind (ODOW) is a Nationally Significant Infrastructure Project (NSIP). An Environmental Impact Assessment (EIA) has been undertaken of the Project, the findings of which are presented within the Environmental Statement (ES).
2. GT R4 Ltd (trading as Outer Dowsing Offshore Wind) hereafter referred to as 'the Applicant', is proposing to develop the ODOW Project ('the Project'). The Project will include both offshore and onshore infrastructure including an offshore generating station (windfarm) located approximately 54km from the Lincolnshire coastline, export cables to landfall, onshore cables, an onshore substation, connection to the electricity transmission network, and ancillary and associated development (see Volume 1, Chapter 3: Project Description (document reference 6.1.3) for full details).
3. Cumulative effects of the offshore components of the Project, seaward of the Mean Low Water Springs mark, are assessed during the construction and operation and decommissioning phases in the individual topic chapters of the ES .
4. This document has been prepared as an Appendix to Volume 1, Chapter 5: EIA Methodology (document reference 6.3.5.2.). Specifically, this document provides an overview of the approach to, and methodology utilised for, the Project's offshore Cumulative Effects Assessment (CEA).
5. Cumulative effects are defined by the European Commission (Walker and Johnston, 1999) as:

'Impacts that result from incremental changes caused by other past, present, or reasonably foreseeable actions together with the project'.

6. Cumulative effects arise when the Project is considered together with effects from other developments on the same single resource or receptor. This appendix provides details of other developments in the vicinity of the Project that may be of relevance to the cumulative assessment using information that is in the public domain. It also sets out the methodology for the assessment of these other developments.

5.1.2 Purpose and Structure of this Document

7. The primary purpose of this report is to provide details of the approach to the offshore cumulative assessment for the Project. This appendix provides details on the methodology for the Project's offshore CEA, justification for the approach taken regarding cumulative impacts and detail the long list of projects, plans and activities that have been considered within the offshore CEA.
8. The approach for cumulative impacts is based upon the Planning Inspectorate Advice Note 17 (The Planning Inspectorate, 2019). The approach to the CEA is intended to be specific to the Project and takes account of the available knowledge of the environment and other activities around the Project's offshore order limits.

9. The remainder of this document is structured in the following way:
   - Detail on Policy Context, Legislation, Guidance and Standards;
   - Consultation undertaken to date;
   - The proposed methodology;
   - Details of the Cumulative Assessment; and
   - The Next Steps.

5.2 Policy Context, Legislation, Guidance and Standards

10. The Planning Act 2008 underpins the consenting regime for certain types of development classed as Nationally Significant Infrastructure Projects (NSIPs).
11. The Project is classed as an NSIP and requires a development consent order from the Secretary of State (SoS) for the Department for Energy Security and Net Zero (DESNZ) (formerly Department of Business, Energy and Industrial Strategy (BEIS)) made pursuant to the Planning Act 2008.
12. The Environmental Impact Assessment Infrastructure Planning Regulations 2017 (the EIA Regulations) implemented the requirements of the EIA Directive (As codified by Directive 2011/92/EU and subsequently amended by Directive 2014/52/EU) into UK law in respect of NSIP projects.
13. Schedule 4 paragraph 5 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 ("the EIA Regulations") states that:

'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'.

14. The overarching National Policy Statement (NPS) for Energy NPS (EN-1) (DESNEZ, 2023a) and the NPS for Renewable Energy Infrastructure NPS (EN-3) (DESNEZ, 2023b) both recognise the need to address the maximum potential adverse impacts. Matters considered to affect the maximum adverse impact are topic impacts, inter-relationships between topics, and cumulative impacts.
15. The Overarching NPS for Energy (EN-1) at paragraph 4.3.3 states that:

'The Regulations require an assessment of the likely significant effects of the proposed project on the environment, covering the direct effects and any indirect, secondary, cumulative, transboundary, short, medium, and long-term, permanent and temporary, positive and negative effects at all stages of the project, and also of the measures envisaged for avoiding or mitigating significant adverse effects.'

16. The NPS for Renewable Energy Infrastructure (EN-3) (paragraph 2.8.72) references that:

"Assessment of environmental effects of transmission infrastructure and any proposed offshore or onshore substations should assess effects both alone and cumulatively with other existing and proposed infrastructure".

17. The Planning Inspectorate have produced 'Advice Note 17: Cumulative Effects Assessment' (The Planning Inspectorate 2019), which provides guidance on a staged process that can be used for cumulative effects assessments for NSIPs. Advice Note 17 details a four-step process that can be followed by developers and which has been applied here. This four-step approach is detailed in Section 4.
18. The Marine Policy Statement (MPS) (HM Government 2011) sets out the requirement to address cumulative effects, stating that:

'When considering potential benefits and adverse effects, decision makers should also consider any multiple and cumulative impacts of proposals in the light of other projects and activities'.

5.3 Consultation

19. Consultation is a key part of the Development Consent Order (DCO) application process. Consultation regarding cumulative effects has been conducted through the following processes:
    - Evidence Plan Process (EPP) including Expert Topic Group (ETG) meetings;
    - EIA scoping process (ODOW, 2022);
    - Bilateral engagement with relevant stakeholders;
    - Section 47 consultation process (all public consultation phases including phase 1 and 1a); and
    - Section 42 consultation process (Phase 2 Consultation, the Autumn Consultation and the Targeted Winter Consultation).
20. Further information on the Project's consultation phases can be found in the Project's Consultation Report (document reference 5.1).
21. A summary of the key issues raised during consultation to date, with relevance to cumulative effects, is presented in Table 5.1. Also included are how each response has been considered by the Project.

Table 5.1 Summary of consultation relating to the Offshore Cumulative Effects Assessment

ID	Inspectorate's comments	Response/ action
Scoping Opinion		
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 2.1.4	The Inspectorate notes the intention to seek consent for UXO removal through a future Marine Licence application but that the effects of removal of UXO will be considered as part of the EIA process for the Development Consent Order (DCO) application. The ES should address any cumulative effects from the construction of the Project with the likely effects from the UXO clearance.	The Project will assess the cumulative impacts of UXO removal.

ID	Inspectorate's comments	Response/ action
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 2.1.12	The ES should include a plan to show the location of other OWFs, built, consented and proposed, in relation to the Project	The Project will ensure a figure of the OWFs in the area in proximity to the Project is included.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.1.2	The Scoping Report proposes to scope out cumulative modifications to the wave and tidal regime and associated potential impacts to the sediment transport regime on the basis of available assessments that suggest modifications to the wave and tidal regime remain within small distances from the foundations. The Scoping Report contains limited evidence at this stage to currently support the scoping out of cumulative modifications to the wave and tidal and associated potential impacts to the sediment transport regime. Therefore, the Inspectorate cannot agree to scope these effects out. The ES should include an assessment of such cumulative effects, where likely significant effects could arise.	The cumulative effects on the wave and tidal regime and associated potential impacts to the sediment transport regime have remained scoped in and will be assessed for ES.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.1.8	The Scoping Report confirms that specific numerical modelling will be undertaken, such as hydrodynamic (wave and tidal) and sediment plume modelling. The Applicant is advised to agree the detailed assessment methodologies, including modelling, with relevant stakeholders represented on the Marine Ecology and Coastal Processes Expert Topic Group (ETG) as part of the EPP. The modelling should explain any assumptions made including, the parameters, data sources, and any calibration/validation against previous models. It should also clearly state whether cumulative impacts from other projects have been included.	The Project have commenced ETG meetings and consulted on proposed methodologies and received feedback.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.2.3	The Scoping Report proposes to scope out release of sediment-bound contaminants from disturbed sediments on water quality as a result of cumulative effects with other projects and plans. This is on the basis that effects will be highly localised and small scale. The Scoping Report has not identified other projects or plans that could act cumulatively with respect to sediment-bound contaminant release.	The Project have scoped out the impact of cumulative released sediment-bound contaminants.

ID	Inspectorate's comments	Response/ action
	On the basis that there are no projects or plans that would act cumulatively to release sediment-bound contaminants, the Inspectorate agrees that this effect can be scoped out of the assessment	
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.3.2	The Scoping Report proposes to scope out this effect on the basis of best practice standards and control procedures, which will be incorporated into the PEMP and are embedded in the project design. The Inspectorate considers there is the potential risk of INNS introduction and spread during the operational phase as a result of vessels used for maintenance activities. The ES should include an assessment of the increased risk of introduction and spread of INNS during operation on benthic ecology receptors, where likely significant effects could occur. This should include consideration of the potential for cumulative effects.	The assessment of the risk of INNS during operation on benthic ecology receptors will remain scoped in and assessed, with consideration to potential cumulative effects.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.3.5	The Scoping Report states that, with the exception of those effects scoped in as per Table 7.3.3, all other impacts with limited spatial extent, where not having an effect on a designated species, site or feature, will be scoped out of further assessment within the ES. The Scoping Report does not specifically identify what such 'other impacts' could comprise; therefore, the Inspectorate considers that insufficient detail has been provided to scope out cumulative effects. For the avoidance of doubt, the ES must assess all cumulative effects where significant effects are likely to occur.	The Project will assess all cumulative effects where significant effects are likely to occur
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.3.8	It is unclear from Table 7.3.3 whether the cumulative effect of sediment disturbance arising from construction activities scoped into the assessment will comprise an assessment of cumulative effect with other projects or plans, or if this is from inter-project effects. For clarity, any likely significant effects on benthic subtidal and intertidal receptors occurring as a result of interactions with other plans and projects should be assessed in the ES.	The Project will assess any likely significant effects on benthic subtidal and intertidal receptors occurring as a result of interactions with other plans and projects.
Scoping Opinion (The Inspectorate, 9 September 2022)	The Scoping Report states that, impacts scoped into the assessment for the Project alone, are generally spatially restricted to within the near field of the array and the offshore Export Cable Corridor (ECC) and that, with the exception of those impacts identified in Table 7.4.4, it is proposed that all other	The Project have scoped out the cumulative effects on fish and shellfish receptors.

ID	Inspectorate's comments	Response/ action
Comment ID 3.4.4	impacts with limited spatial extent, where not having an effect on a designated species, site or feature, are scoped out of further assessment in the ES. The Inspectorate agrees that where there are no likely significant effects on fish and shellfish receptors that could occur alone or cumulatively with other projects or plans, these can be scoped out of the assessment.	
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.5.10	The ES should include consideration of measures to manage potential cumulative disturbance in the event that there is multiple piling or other noisy activities taking place simultaneously in the Southern North Sea Special Area of Conservation (SAC). It is also recommended an outline Site Integrity Plan (SIP) be provided with the Application.	The Project will assess the cumulative effects of multiple drilling or noisy events on the Southern North Sea SAC. The Project will also produce an SIP alongside the application.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.6.3	The Scoping Report proposes to scope out cumulative impacts with the exception of cumulative disturbance/displacement and collision. This is on the basis that the likelihood of a cumulative impact is low, and the contribution from the Project is likely to be small, and dependent on a temporal and spatial co-incidence of disturbance/ displacement from other plans or projects. The Inspectorate notes the other potential 'project-alone' effects to be considered in the ES relate to barrier effects and effects on prey species. The Inspectorate is of the view that barrier effects should be considered in the ES (see point 3.6.1 above) and thus barrier effects should also be considered for any cumulative effects from the Project with other plans or projects, where likely significant effects could occur. With regards to effects on prey species, Scoping Report identifies that this assessment relies on the data and impact assessments including Physical Processes, Noise, Benthic Subtidal and Intertidal Ecology, and Fish and Shellfish. Noting the Applicant's assertion that the temporal and spatial extent of impacts will be small, this is yet to be evidenced and therefore the Inspectorate does not agree to scope these effects out of the assessment. The ES should include an assessment of cumulative impacts where significant effects are likely to occur. The ES should also assess	The Project will include an assessment of cumulative impacts where significant effects are likely to occur. The ES will also assess the potential for 'minor' effects to combine to produce a cumulative, significant effect.

ID	Inspectorate's comments	Response/ action
	the potential for 'minor' effects to combine to produce a cumulative, significant effect.	
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.9.5	Noting the Scoping Report states that it will include changes to baseline routeing associated with submitted or consented OWF projects, notably Hornsea 3 and Hornsea 4, the ES should clearly state any assumptions made with regards to the baseline.	The Project will clearly set out assumptions made with regards to the baseline
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.11.9	Table 7.11.5 states that the cumulative effect of the construction, O&M, and decommissioning of the offshore RCS on seascape character, landscape character and visual receptors will be scoped into the Seascape, Landscape and Visual Impact Assessment (SLVIA), which is in contradiction to Table 7.11.6. The ES should provide an assessment of the potential cumulative effects of the offshore RCS for all phases of the Project, where likely significant effects could occur. Table 7.11.6 also states with regards to cumulative effects that "The operational Hornsea Projects One and Two OWFs, and the consented Hornsea Three OWF, will be scoped out of the SLVIA due to their long distance offshore and lack of visibility from the coastline. "The Inspectorate agrees that cumulative effects with these projects can be scoped out on this basis.	The Project will provide an assessment of the potential cumulative effects of the offshore RCS for all phases of the Project, where likely significant effects could occur. Additionally, the Project have scoped out the cumulative effects of Hornsea Projects One, Two and Three.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.22.5	On the basis that the ES can demonstrate all electrical infrastructure will remain below negligible levels in line with the International Commission Non-Ionising Radiation Protection (ICNIRP) guidelines (2020), the Inspectorate is content to scope out the potential for EMF affects from the Project alone and cumulatively.	The Project will assess the EMF levels likely to be produced and where negligible, they will be scoped out of the assessments.
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.22.8	Scoping Report paragraph 9.1.42 states that cumulative impacts will be considered following determination of the onshore ECC and OnSS and if agreed as appropriate, the Applicant would seek to scope out cumulative impacts with relevant consultation bodies, including the UK Health Security Agency (UKHSA). The Inspectorate welcomes the intention to discuss this matter with consultation bodies once further information is available on the design/route of the Project and likely effects and receptors. For clarity, the	The Project will assess the non- radioactive effects on human health where there is likely to be a significant effect.

ID	Inspectorate's comments	Response/ action
	Inspectorate considers this should be informed by the location and potential impacts of both the Project and other relevant development particularly where the ZoI overlap. The ES should include an assessment of cumulative effects to human health, where likely significant effects could occur.	
Scoping Opinion (The Inspectorate, 9 September 2022) Comment ID 3.23.3	The Inspectorate agrees that the assessment of GHG emissions against the carbon budgets are inherently cumulative and therefore this will be assessed in the Climate Change aspect chapter rather than as a separate element of the cumulative chapter.	The Project will assess this within the Climate Change chapter.
Section 42 Responses		
Section 42 response from MMO 21st July 2023	The approach to the assessment of cumulative and inter-related impacts outlined in the Appendix 5.1: Offshore Cumulative Effects Assessment is appropriate and follows a standard approach of identifying the impacts which have potential to cause an effect. The study area for the range of effect is 12km around the array area and 15km around the ECC (for sedimentary impacts, based on physical processes). For underwater noise the range of effect is 100km due to the larger range of effect from noise generating activities such as piling. The MMO believes that all other offshore operations (OWFs, subsea cables and aggregate areas) within the study area in the planning, consented, construction and operational activities have been identified. It should be recognised that the range of effect for cumulative and inter-related effects may increase if the modelling shows an impact range exceeding 100km. With this in mind, there may be other offshore developments further afield that will require scoping into the assessment, should the UWN modelling show a range of effect of >100km.	This is noted by the Applicant, the cumulative assessment of the fish and shellfish ES chapter has been updated in accordance with the latest underwater noise modelling.
Section 42 response from Natural England 20th July 2023	Comment - cumulative Effects Assessment – there is no key for the screening categories (a-g) used within the Offshore Cumulative Effects Assessment Matrices. Recommendation - The submitted ES should include a key to show what a-g indicates for each	The Applicant has included a key for the screening categories included within the cumulative effects matrices.

ID	Inspectorate's comments	Response/ action
	environmental receptor within the Offshore Cumulative Effects Assessment Matrices so it is possible to see how they have been categorised for offshore ornithology.	

5.4 Methodology

22. The CEA process follows the approach set out in Advice Note 17 (Planning Inspectorate, 2019). This sets out a four-stage approach to the assessment of cumulative effects including:

23. :

- Stage 1: identify the zone of influence and establish a long list of 'other existing development and/or approved development';
- Stage 2: identify a shortlist of 'other existing development and/or approved development' for cumulative assessment;
- Stage 3: information gathering; and
- Stage 4: assessment.

24. The long-list, seaward of Mean High-Water Springs (MHWS) has been produced based on the scale of other projects and the potential for them to produce cumulative effects with the Project. Any projects considered for planning post-~~January 2024~~ end of February 2025 have not been considered for inclusion in the ES.

25. Any permissions from an earlier date are presumed to have lapsed or have been implemented, and in the case of the latter, therefore form part of the Project baseline assessed in the EIA. Other developments which are pending and meet the Project screening parameters, will be monitored by the Project and considered in the CEA.

26. In line with the guidance from the Planning Inspectorates Advice Note 17 (the Planning Inspectorate, 2019), all plans that are deemed 'reasonably foreseeable' will be considered in the CEA using publicly available information. Within the cumulative frequency boundary there are other NSIPs, including other proposed offshore windfarms. To reflect a worst case and to maintain a robust approach when considering cumulative effects, these has been considered within the CEA.

5.5 Approach to the Cumulative Effects Assessment

5.5.1 Stage 1: Establishing the Zone of Influence and Identifying the Long List of Other Existing Developments and/or Approved Developments

5.5.1.1 Approach to the Longlist

27. Stage 1 of the CEA methodology involved establishing the Project's Zone of Influence (ZoI) and identifying a long list of other developments for inclusion in the assessment. The screening ranges from the Project array area and offshore export cable corridor (ECC) have been assessed for each project type that may have interactions with the Project, these are shown in Table 5.2.

Table 5.2 The screening ranges for different project types for the CEA

Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Cables and Pipelines	50

Project type	Screening Range (km)
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200

28. An initial screening exercise (Stage 1 of the cumulative effects assessment) has been undertaken to identify other developments within the ZoI to create an 'initial long list' for consideration. This was undertaken through a desktop study of planning applications, development plan documents, relevant development frameworks and any other available sources to identify 'other development' within the ZoI.
29. Information on each project (development type and when it is occurring) is documented, along with the certainty assigned to the 'other development' (i.e. the confidence levels if the 'other development' will take place in the current form and when it will take place in relation to the Project).

5.5.1.2 Tiered Approach

30. For the CEA it was important to recognise that projects which are 'proposed', may or may not be taken forward for development. Consideration to this has been built into the assessment in line with The Inspectorate's Advice Note 17. The approach was taken to allocate the Projects 'tiers', based on their current status within the planning and development process. This is described in further detail within Volume 1, Chapter 5: EIA Methodology (document reference 6.1.5).

5.5.2 Stage 2: Establishing a Shortlist of 'Other Existing Development and/or Approved Development

31. The Inspectorate's Advice Note 17 (The Planning Inspectorate, 2019) provides threshold criteria for inclusion/exclusion against which the potential for the 'other development' to give rise to significant cumulative effects by virtue of overlaps in temporal scope, the scale and nature of the 'other developments' and/or receiving environment, or any other relevant factors is assessed. These criteria were used to stage 2 to screening the projects and establish a shortlist. The screening criteria are described in Table 5.3.

Table 5.3 CEA long list screening criteria

Projects screened-in	Projects screened-out
▪ Project, plan or activity is considered as part of the baseline environment but has ongoing effects; ▪ Potential for impact-receptor pathway exists; ▪ Potential for a spatial effect interaction exists; and/or ▪ Potential for temporal effect interaction exists	▪ Project, plan or activity included as part of the baseline environment (therefore not a consideration in the CEA); ▪ Low data confidence (meaningful assessment cannot be undertaken due to insufficient information); ▪ No potential impact-receptor pathway exists; ▪ No potential for a spatial effect interaction; and/or

Projects screened-in	Projects screened-out
	▪ No potential for a temporal effect interaction

32. For clear justification the screening process was undertaken in steps. This followed a stepped process, with data initially screened regarding the nature of the other development identified. The steps followed were:

    - Potential impact-receptor pathway: There is the potential that a pathway exists whereby an impact could have an effect on a receptor. For example, increases to underwater noise could have an impact on marine mammal receptors, but suspended sediment concentration could not have an effect on aviation receptors.
    - Spatial effect interaction: The impacts on a receptor from the Project and one or more other plans/projects have a geographical overlap. For example, if another offshore windfarm project is in a close enough proximity to the Project, underwater noise resulting from piling at the Project could interact with noise arising from the construction of another offshore windfarm project. If there is no spatial interaction, there is considered to be no potential for a cumulative effect; and
    - Temporal effect interaction: The impacts on a receptor from one or more other projects have the potential to occur at the same time as the Project. If there is no temporal interaction, there is considered to be no potential for a cumulative effect.

33. If the project being assessed for cumulative effects has the potential for both spatial and temporal interactions with the Project, then the cumulative impact has been taken forward to the CEA shortlist.

5.5.2.1 Topic-Specific Screening of Long List (Impact Ranges)

34. The long list identifies all of the other plans, projects and activities that may result in a cumulative effect with the Project. The long list however does not account for differences in the impact ranges for each environmental receptor. For further screening, topic-specific short lists were established, the distances and justifications are provided in Table 5.4.

35. A full list of schemes initially considered as a part of the cumulative assessment is shown in the Offshore Cumulative Long List at the end of this appendix (Document Reference: Annex A – 6.3.5.1)

Table 5.4 Cumulative effect screening ranges specific to each EIA receptor topic

EIA Topic	Maximum extent of impact and justification
Marine physical processes	12km around the array area and 15km around the ECC (based on the excursion distance of a spring tidal ellipse for respective locations) for impacts related to suspended sediments. For impacts related to waves, projects have been screened in to examine if they have the potential capacity to interact cumulatively on wave processes, especially for wave directions approaching the adjacent coastline.
Benthic subtidal and intertidal ecology	12km around the array area and 15km around the ECC (based on physical processes assessment)

EIA Topic	Maximum extent of impact and justification
Fish and shellfish ecology	12km around the array area and 15km around the ECC (for sedimentary impacts, based on physical processes). Greater distance for underwater noise related impacts based on underwater noise modelling (100km)
Marine mammals	Dependent on the reference population extent.
Offshore and intertidal ornithology	Dependent on the maximum foraging range of the species in question.
Commercial fisheries	Dependent on the extent of the relevant fishing grounds.
Shipping and navigation	Based on shipping lanes and sea room availability around relevant components of the Project.
Aviation and radar	Distance at which the Project array would interact with that of another development (100km).
Marine archaeology	Dependent on the archaeological receptor in question.
Seascape, landscape and visual	Based on the maximum extent of the Zone of Theoretical Visibility (ZTV).
Marine Infrastructure and other users	Based on the extent of the order limits plus any relevant safety zones.
Socio-economics	Based on the potential to interact with key receptors such as ports or tourism and recreation assets.

References

DESNZ (2023a). Overarching National Policy Statement for Energy (EN-1). Available at: https://www.gov.uk/government/publications/overarching-national-policy-statement-for-energy-en-1 [Accessed February 2024]

DESNZ (2023b). National Policy Statement for Renewable Energy Infrastructure (EN-3). Available at: https://www.gov.uk/government/publications/national-policy-statement-for-renewable-energy-infrastructure-en-3 [Accessed February 2024]

HM Government (2011) UK Marine Policy Statement. Available at: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/69322/pb3654-marine-policy-statement-110316.pdf [Accessed: February 2024]

The Planning Inspectorate (2019) Advice Note Seventeen: Cumulative effects assessment. Available at: https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/advice-note-17/ [Accessed: February 2024]

The Planning Inspectorate (2022) Scoping Opinion: Proposed Outer Dowsing Wind Farm. Available at: EN010130-000035-EN010130-Scoping-Opinion.pdf (planninginspectorate.gov.uk) [Accessed: February 2024].

Walker and Johnston (1999) Guidelines for the Assessment of Indirect and Cumulative Impacts as well as Impact Interactions. Available at: [redacted] [Accessed: February 2024]

Annex A – Offshore Cumulative Effects Long List

Offshore Cumulative Effects Assessment Matrix - Aggregates and Disposal

Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Interidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activites
HU118	Galahad Pipeline Route	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													0.0	0.0	g	g	a	a	a	f	a	a	f	f	g	g
Outer Dowsing	Westminster Gravels (515/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													1.1	0.0	c	c	b	b	a	f	a	a	f	f	c	a
HU209	Hornsea Disposal Site Area 2A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													8.1	21.2	g	g	a	a	a	f	a	a	f	f	g	g
HU204	Triton Knoll	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													9.1	5.2	g	g	a	a	a	f	a	a	f	f	g	g
HU210	Hornsea Disposal Site Area 2B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													12.0	24.0	g	g	a	a	a	f	a	a	f	f	g	g
HU205	Hornsea Disposal Area 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open - used for Hornsea One sandwave clearance until completion - completed 2019													9.1	5.2	c	c	b	g	a	f	a	a	f	f	c	f
Outer Dowsing	Westminster Gravels (515/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													11.7	2.7	c	c	b	b	a	f	a	a	f	f	c	f
HU147	Dudgeon OWF	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													19.9	11.1	g	g	a	a	a	f	f	f	f	f	g	g
HU211	Hornsea Disposal Site Subzone 2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													20.2	35.5	g	g	a	a	a	f	a	a	f	f	g	g
HU145	Dudgeon	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													21.0	2.6	g	g	a	a	a	f	f	f	f	f	g	g
HU115	Adjacent to Southern Basin Gas	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													23.1	2.7	g	g	a	a	a	f	f	f	f	f	g	g
HU206	Hornsea Project One Subzone 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													24.6	38.2	g	g	a	a	a	f	f	f	f	f	g	g
HU126	Race Bank OWF	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	MMO confirmed this is now disused/ closed													23.5	0.0	c	c	b	g	a	f	f	f	f	f	c	b
HU203	Babbage	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													26.8	38.8	g	g	a	a	a	f	f	f	f	f	g	g
Humber 3	DEME Building Materials Ltd (484)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													24.1	30.8	f	f	f	f	a	f	a	f	f	f	c	f

Humber 4	CEMEX UK Marine Ltd (514/4)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	28.2	31.7	f	f	f	f	a	f	a	f	f	f	c	f
HU100	Spurn Head	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed	28.7	19.1	g	g	a	a	a	f	f	f	f	f	g	g
Humber Estuary	Hanson Aggregates Marine Ltd (106/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	28.9	9.5	c	c	b	b	a	f	a	f	f	f	c	f
Humber Estuary	Hanson Aggregates Marine Ltd (106/3)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	30.8	2.8	c	c	b	b	a	f	a	f	f	f	c	f
Humber Estuary	Hanson Aggregates Marine Ltd (106/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	31.7	12.8	c	c	b	b	a	f	a	f	f	f	c	f
Inner Dowsing	Van Oord Ltd (481/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	32.9	1.3			b	b	a	c	a	a	f	f	c	a
Inner Dowsing	Tarmac Marine Ltd (481/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	32.9	1.3	g	g	a	b	a	f	a	f	f	f	c	f
Inner Dowsing	Van Oord Ltd (481/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	34.1	4.7			b	b	a	c	a	a	f	f	c	g
Inner Dowsing	Tarmac Marine Ltd (481/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	34.1	4.7	g	g	a	b	a	f	a	f	f	f	c	f
HU114	Wash Bank	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed	37.9	47.1	g	g	a	a	a	f	f	f	f	f	g	g
Humber 4 and 7	DEME Building Materials Ltd (506)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	37.8	47.1	f	f	g	f	a	f	a	f	f	f	c	f
Humber Estuary	Hanson Aggregates Marine Ltd (400)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	37.9	7.0	c	c	b	b	a	f	a	f	f	f	c	f
HU149	North West Zone Area 107	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed	38.1	4.6	g	g	a	a	a	f	f	f	f	f	g	g
Off Saltfleet	Tarmac Marine Ltd (197)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation	38.2	10.7	c	c	b	b	a	f	a	f	f	f	c	f
HU200	West of Inner Dowsing Bank	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed	38.3	0.0	g	g	a	a	a	f	f	f	f	f	g	g
Humber 3	CEMEX UK Marine Ltd (514/3)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec57	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Open	39.6	34.6	f	f	f	f	a	f	f	f	f	f	c	f
Inner Dowsing	Hanson Aggregates Marine Ltd (1805)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Exploration and Option Area	40.1	0.0	g	g	a	a	a	f	f	f	f	f	g	g

Humber Overfalls	Tarmac Marine Ltd (493)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													40.9	10.9	c	c	b	b	a	f	a	f	f	f	c	f
Humber 2	CEMEX UK Marine Ltd (514/2)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													42.2	36.2	f	f	f	f	a	f	a	f	f	f	c	f
HU070	New Sand Hole	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													43.1	36.2	g	g	a	a	a	f	f	f	f	f	g	g
Humber 1	CEMEX UK Marine Ltd (514/1)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													45.3	33.1	f	f	f	f	a	f	a	f	f	f	c	f
HU123	Sherringham shoal drillings	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													46.0	0.2	g	g	a	a	a	f	f	f	f	f	g	g
HU116	Pickerill Field	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													47.8	12.3	g	g	a	a	a	f	f	f	f	f	g	g
Humber 5	DEME Building Materials Ltd (483)	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													49.9	57.6	f	f	f	f	a	f	a	f	f	f	c	f
HU097	Humber Gateway OWF	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													52.2	43.8	g	g	a	a	a	f	f	f	f	f	g	g
HU156	Well Beneficial use site2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													57.3	37.5	f	f	f	f	a	f	f	f	f	f	c	f
HU151	Wells beneficial use site	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													57.6	37.8	g	g	a	a	a	f	f	f	f	f	g	g
HU157	Wells Outer Harbour B1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													59.1	39.4	f	f	f	f	a	f	f	f	f	f	c	f
HU153	Wells outer harbour site B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													59.1	39.4	g	g	a	a	a	f	f	f	f	f	g	g
HU152	Wells outer harbour site A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													59.2	39.4	f	f	f	f	a	f	f	f	f	f	c	f
HU154	Wells outer harbour site C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													59.4	39.6	f	f	f	f	a	f	f	f	f	f	c	f
HU201	Conoco Pipeline Trench	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													59.7	34.1	g	g	a	a	a	f	f	f	f	f	g	g
HU109	Bull Sand Fort Extension	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused													61.7	37.2	g	g	a	a	a	f	f	f	f	f	g	g
HU120	Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													62.1	19.5	g	g	a	a	a	f	f	f	f	f	g	g

HU111	Bull Sand Fort	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													62.3	37.5	g	g	a	a	a	f	f	f	f	f	g	g
HU125	New Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													62.5	18.5	g	g	a	a	a	f	f	f	f	f	g	g
HU110	HUMBER 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													63.6	38.2	g	g	a	a	a	f	f	f	f	f	g	g
HU080	HUMBER 1A	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													67.3	44.6	f	f	f	f	a	f	f	f	f	f	c	f
HU082	Sunk dredge channel A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused													68.7	46.0	g	g	a	a	a	f	f	f	f	f	g	g
HU083	Sunk Dredge Channel Window C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused													70.3	47.5	f	f	f	f	a	f	f	f	f	f	g	f
HU081	North Sunk	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													70.9	47.4	g	g	a	a	a	f	f	f	f	f	g	g
HU090	Humber 2	https://opendata-thecrownestate.opendata.arcgis.com/datasets/685a9d9c2ae84870b07047311b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													72.1	46.4	f	f	f	f	a	f	f	f	f	f	c	f
HU093	Humber 2 Extension C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													72.2	46.1	g	g	a	a	a	f	f	f	f	f	g	g
HU092	Humber 2 Extension B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													72.2	46.2	g	g	a	a	a	f	f	f	f	f	g	g
HU091	Humber 2 Extension A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													72.3	46.4	g	g	a	a	a	f	f	f	f	f	g	g
HU112	Pyewipe Channel	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													72.6	45.6	g	g	a	a	a	f	f	f	f	f	g	g
HU128	Boston Deep	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													80.8	30.9	f	f	f	f	a	f	f	f	f	f	c	f
HU141	Breast Sand East	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													85.5	44.7	g	g	a	a	a	f	f	f	f	f	g	g
HU143	West Stones	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													85.7	44.2	f	f	f	f	a	f	f	f	f	f	c	f
HU140	Breast Sand	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													86.8	45.1	g	g	a	a	a	f	f	f	f	f	g	g
HU137	Boston 3	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													87.3	36.9	g	g	a	a	a	f	f	f	f	f	g	g

HU170	Boston 7	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open													88.8	38.0	f	f	f	f	a	f	f	f	f	f	c	f
HU130	Boston 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													89.6	38.5	g	g	a	a	a	f	f	f	f	f	g	g
HU136	Boston 4	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													89.6	38.5	g	g	a	a	a	f	f	f	f	f	g	g
HU139	Boston 6	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													89.6	38.1	g	g	a	a	a	f	f	f	f	f	g	g
HU138	Boston 5	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													89.9	38.7	g	g	a	a	a	f	f	f	f	f	g	g
HU135	Boston 2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													92.0	40.2	g	g	a	a	a	f	f	f	f	f	g	g

Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Galahad Tee to Malory Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	1.8	d	d	g	a	a	f	a	a	f	a	g	a
Galahad to Lancelot Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Gas Shearwater to Bacton Seal Line (TotalEnergies)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.0	0.0	c	c	c	c	c	f	a	a	f	a	c	a
Juliet to Pickerill A Gas Pipeline (Neptune E & P)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Abandoned													0.0	12.4	d	d	g	a	a	f	a	a	f	a	g	a
Lancelot to Galahad Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Malory to Galahad Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.0	1.8	c	c	a	a	a	f	a	a	f	a	c	a
NSTA Pipeline: Galahad Tee to Malory	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Chemical	Not in use													0	1.83	f	f	g	d	a	f	a	a	f	a	g	a
NSTA Pipeline: Lancelot Tee to Galahad Tee	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Chemical	Not in use													0	4.5	f	f	g	d	a	f	a	a	f	a	g	a
NSTA Pipeline: Pickerall A to Theddlethorpe	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Chemical	Not in use													0	2.17	f	f	g	d	a	f	a	a	f	a	g	f
Pickerill A to Pickerill B Chemical line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	6.3	d	d	a	a	a	f	a	a	f	a	g	a
Pickerill A to Theddlethorpe Chemical line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	3.8	d	d	a	a	a	f	a	a	f	a	g	a
NSTA Pipeline: 16" Gas Barque PB - Clipper PT	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Gas	Active													0.9	8.6	f	f	a	a	a	f	a	a	f	a	c	a
Gas Barque PB to Clipper PT (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.9	8.6	c	c	a	a	a	f	a	a	f	a	c	a

Theddlethorpe to Murdoch (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													1.4	4.0	d	d	a	a	a	f	a	a	f	a	g	a
Excalibur to Lancelot Tee Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													3.9	0.5	c	c	a	a	a	f	a	a	f	a	c	a
Lancelot to Excalibur Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													3.9	0.5	d	d	a	a	a	f	a	a	f	a	g	a
Esmond to Bacton Gas Export Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													4.2	11.5	c	c	a	a	a	f	a	a	f	a	c	f
Gas Barque PL to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													6.5	14.3	c	c	a	a	a	f	a	a	f	a	c	f
Meg Clipper PM to Barque PL (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													6.5	14.3	c	c	a	a	a	f	a	a	f	a	c	f
Guinevere to Lancelot Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													8.1	1.3	d	d	g	a	a	f	a	a	f	a	g	a
Hornsea 1 OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													8.20	20.70	c	c	a	a	a	f	a	a	f	a	c	f
Triton Knoll	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													8.90	0.20	c	c	a	a	a	f	a	a	f	a	c	a
Hornsea Project 2 OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													9.30	21.20	c	c	a	a	a	f	c	a	f	a	c	f
Bacton to Lancelot Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.4	6.3	d	d	g	a	a	f	a	a	f	a	g	f
Lancelot to Bacton Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.4	6.3	c	c	a	a	a	f	a	a	f	a	c	f
Waveney to Lancelot Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													10.7	6.6	c	c	a	a	a	f	a	a	f	a	c	f
Loggs PP to Theddlethorpe (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													10.7	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Viking AR to Theddlethorpe (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													13.0	0.0	d	d	a	a	a	f	a	a	f	a	g	a
Newsham to West Sole Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													13.1	25.1	c	c	a	f	a	f	a	a	f	a	c	f

West sole to Easington Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													13.1	25.1	c	c	a	f	a	f	a	a	f	a	c	f
Meg Clipper PR to Carrack QA (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													13.3	20.4	c	c	a	f	a	f	a	a	f	a	c	f
Gas Export Carrack QA to Clipper PR (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													13.3	20.4	c	c	a	f	a	f	a	a	f	a	c	f
Newsham VCS to Manifold	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													13.9	25.9			a	f	a	f	a	a	f	a	c	f
Seven Seas to Newsham Gas Export (Spirit)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													13.9	25.8	c	c	a	f	a	f	a	a	f	a	c	f
West Sole E to West Sole B (Perenco)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													13.9	25.9	d	d	a	a	a	f	a	a	f	a	g	f
Eastern Green Link 3 (EGL3) Scoping Route	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	National Grid	In Planning													14.2	1.4			c	c	c	f	c	c	f		c	a
Rose Gas Pipeline from Rowe Well to Amethys Platform (Spirit)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Abandoned													14.3	29.3	d	d	g	a	a	f	a	a	f	a	g	f
Gas Clipper PT to Bacton (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													14.7	19.8	c	c	a	f	a	f	a	a	f	a	c	f
Glycol Bacton to Clipper PT (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													14.8	20.0	c	c	a	f	a	f	a	a	f	a	c	f
Audrey WD to Ensign NPAI Methanol Line (Spirit)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													14.9	22.6	d	d	g	a	a	f	a	a	f	a	g	f
Ensign NPAI to Audrey WD Gas Export (Spirit)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													14.9	22.6	d	d	g	a	a	f	a	a	f	a	g	f
Clipper South to Clipper (Ineos)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													15.0	20.6	f	f	f	f	a	f	a	a	f	a	c	f
Methanol Galleon PG to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													15.0	20.7	f	f	f	f	a	f	a	a	f	a	c	f
Meg Line Clipper PM to Skiff (Shell)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													15.0	20.7	f	f	f	f	a	f	a	a	f	a	c	f

Gas Skiff to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.0	20.7	f	f	f	f	a	f	a	a	f	a	c	f
Gas Galleon PN to Clipper PN (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.0	20.7	f	f	f	f	a	f	a	a	f	a	c	f
Meg Clipper PN to Galleon PN (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.0	20.7	f	f	f	f	a	f	a	a	f	a	c	f
Gas Galleon PG to Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.00	20.60	f	f	f	f	a	f	a	a	f	a	c	f
Durango to Waveney (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													15.2	3.0	d	d	g	a	a	f	a	a	f	a	g	f
Hoton Gas Pipeline (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active													15.2	27.3	d	d	f	f	a	f	a	a	f	a	g	f
Babbage export top West Sole (Neo)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.3	27.3	c	c	f	f	a	f	a	a	f	a	c	f
Hyde to West Sole Bravo Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.3	27.3	c	c	f	f	a	f	a	a	f	a	c	f
PL28 Tee to West Sole Bravo Pipeline	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.3	27.4	f	f	f	f	a	f	a	a	f	a	c	f
West sole to Easington Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													15.3	27.3	c	c	f	f	a	f	a	a	f	a	c	f
West Sole WB to West Sole WC Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													15.3	27.3	d	d	f	a	a	f	a	a	f	a	g	f
Ensign Production Pipeline (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													15.6	23.4	d	d	f	a	a	f	a	a	f	a	g	f
Helvellyn (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													16.7	29.5	f	f	f	f	a	f	a	a	f	a	c	f
Amethyst A2D to Easington (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													17.5	28.2	d	d	f	a	a	f	a	a	f	a	g	f
Eastern Green Link 4 (EGL4) Scoping Route	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	In Planning													17.5	2.1			c	c	c	f	c	c	f		c	a

Anglia Yd to Anglia YM Gas Line (Ithaca)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													18.0	18.2	f	f	f	f	a	f	a	a	f	a	c	f
Hornsea 3 Transmission Asset	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Consented													19.20	25.50	f	f	f	f	c	f	c	f	f	f	c	f
West Sole Charlie to PL937 Tee	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													19.5	31.6			f	f	a	f	a	a	f	a	c	f
Loggs PP to Anglia YD (Ithaca)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													19.8	21.5	d	d	f	a	a	f	a	a	f	a	g	f
Dudgeon OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													20.10	11.40	f	f	a	a	a	f	a	a	f	a	c	f
Mimas to Saturn (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													20.1	32.7	d	d	g	a	a	f	a	a	f	a	g	f
Saturn to Mimas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													20.1	32.7	d	d	f	a	a	f	a	a	f	a	g	f
Amethyst C1D to Amethyst A1D (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													20.9	28.5	d	d	f	a	a	f	a	a	f	a	g	f
PL649/PL650 Spool to A1D	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Not in use													20.9	28.4	f	f	f	a	a	f	a	a	f	a	g	f
Stratos	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Telecommunication Cable	Disused													21.10	27.60	d	d	f	a	a	f	a	a	f	a	g	f
Clipper South to Loggs Gas (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													21.4	26.0	d	d	f	a	a	f	a	a	f	a	g	f
Loggs to Clipper South Methanol (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													21.4	26.0	d	d	f	a	a	f	a	a	f	a	g	f
Elgood to Blythe Gas (IOG)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													21.8	14.5	g	g	f	a	a	f	a	f	f	f	c	f
Viking Link	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Interconnector	Complete/In Operation													23.00	4.00	c	c	c	c	a	f	a	a	f	f	c	g
Race Bank OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													23.70	0.10	c	c	a	a	a	f	a	a	f	a	c	f

Annabel to Audrey A (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													27.8	35.4	d	d	f	a	a	f	a	a	f	a	g	f
Audrey XW to Ann XM (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	35.9	d	d	f	a	a	f	a	a	f	a	g	f
Audrey XW to Audrey WD Gas (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Abandoned													28.3	35.9	d	d	f	a	a	f	a	a	f	a	g	f
Audrey XW to Audrey WD Meoh Line (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	35.9	d	d	f	a	a	f	a	a	f	a	g	f
Audrey XW to Alison KX (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.3	36.0	d	d	f	a	a	f	a	a	f	a	g	f
Saturn ND to Loggs PR (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.7	38.0	d	d	f	a	a	f	a	a	f	a	g	f
Annabel Wells 1 & 2 to Annabel Manifold (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													28.9	37.2	d	d	f	a	a	f	a	a	f	a	g	f
Blythe to Thames Tie-In Gas Export	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active													29.7	22.1	f	f	f	f	a	f	a	f	f	f	c	f
Audrey WM to Audrey WD (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													30.6	38.1	d	d	f	a	a	f	a	a	f	a	g	f
Audrey WD to Loggs PP (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													31.1	38.5	d	d	f	a	a	f	a	a	f	a	g	f
Ceres to Marcury Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													32.9	46.1	f	f	f	f	a	f	a	a	f	a	c	f
Eris to Mercury Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													32.9	46.1	f	f	f	f	a	f	a	a	f	a	c	f
Tethys to Saturn Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													33.5	41.2	f	f	f	a	a	f	a	a	f	a	g	f
Viscount VO to Vampire OD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													33.8	40.6	d	d	f	a	a	f	a	a	f	a	g	f
Viscount VO to Vampire OD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													33.8	40.6	d	d	f	a	a	f	a	a	f	a	g	f

Vampire OD to Loggs PR Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													33.8	40.0	d	d	f	a	a	f	a	a	f	a	g	f
Vampire OD to Loggs PR Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													33.8	40.0	d	d	f	a	a	f	a	a	f	a	g	f
Sheringham Shoal OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													34.20	16.90	f	f	f	f	a	f	a	a	f	a	c	f
Ann XM to Loggs PR (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.2	40.0	d	d	f	a	a	f	a	a	f	a	g	f
Loggs to Viking Methanol (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.3	40.0	d	d	f	a	a	f	a	a	f	a	g	f
Viking to Loggs Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.3	40.0	d	d	f	a	a	f	a	a	f	a	g	f
Ganymede ZD to Loggs PR Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.3	40.1	d	d	f	a	a	f	a	a	f	a	g	f
Ganymede ZD to Loggs PR Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.3	40.1	d	d	f	a	a	f	a	a	f	a	g	f
Vulcan RD to Loggs PP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
Vulcan RD to Loggs PP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
South Valiant TD to Loggs PP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
South Valiant TD to Loggs PP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
MH1 to Mercury Manifold	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													34.4	46.4			f	f	a	f	a	a	f		c	f
North Valiant SP to Loggs (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
North Valiant SP to Loggs PP (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f

Vanguard QD to Loggs PP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
Vanguard QD to Loggs PP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													34.4	40.2	d	d	f	a	a	f	a	a	f	a	g	f
MH2 to Mercury Manifold	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													35.4	46.4			f	f	a	f	a	a	f		c	f
Mercury to Neptune (Perenco)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													35.4	46.4	f	f	f	f	a	f	a	a	f	a	c	f
JFE Production (Harbour)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													39.3	56.2	f	f	f	f	a	f	a	a	f	a	c	f
Hornsea Project 4 (HOW04) OFTO	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Consented													41.0	53.0	f	f	f	f	c	f	c	f	f	f	c	f
Viking BD to Viking ED Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													41.8	48.5	d	d	f	a	a	f	a	a	f	a	g	f
Vulcan UR to Vulcan RD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													41.8	45.5	d	d	f	a	a	f	a	a	f	a	g	f
Vulcan UR to Vulcan RD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													41.8	45.5	d	d	f	a	a	f	a	a	f	a	g	f
Viking BD to Viking ED Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													41.9	48.6	d	d	f	a	a	f	a	a	f	a	g	f
Johnston J5 Export (Harbour)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													44.0	56.2	f	f	f	f	a	f	a	a	f	a	c	f
Viking KD to Viking BD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													44.8	52.2	d	d	f	a	a	f	a	a	f	a	g	f
Viking KD to Viking BD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													44.8	52.2	d	d	f	a	a	f	a	a	f	a	g	f
Viking LD to PL1571 Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													45.9	53.0	d	d	f	a	a	f	a	a	f	a	g	f
Viking LD to PL1573 Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													45.9	53.0	d	d	f	a	a	f	a	a	f	a	g	f

48/29-9 TO 48/29C Gas Export (ENI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													46.1	42.8	d	d	f	a	a	f	a	a	f	a	g	f
Lincs	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													46.20	0.30	c	c	a	a	a	f	a	a	f	a	c	f
Lincs OFTO	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													46.20	0.30	c	c	a	a	a	f	a	a	f	a	c	f
Humber Gateway OFTO	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													46.9	38.4	f	f	f	f	a	f	a	a	f	a	c	f
Rough 47/8A Export (Centrica)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													47.8	55.9	f	f	f	f	a	f	a	a	f	a	c	f
Easington to Rough 47/3B (Centrica)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													47.9	46.6	d	d	f	a	a	f	a	a	f	a	g	f
Viking BD to Viking GD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.0	54.9	d	d	f	a	a	f	a	a	f	a	g	f
Viking BD to Viking GD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.0	54.9	d	d	f	a	a	f	a	a	f	a	g	f
Vixen VM to Viking BD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.1	54.5	d	d	f	a	a	f	a	a	f	a	g	f
Vixen VM to Viking BD UMB (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.1	54.5	d	d	f	a	a	f	a	a	f	a	g	f
Viking AR to Viking BP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.7	54.4	d	d	f	a	a	f	a	a	f	a	g	f
Viking AR to Viking BP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Disused													48.7	56.0	d	d	f	a	a	f	a	a	f	a	g	f
Johnston Export (Harbour)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													48.9	60.8	f	f	f	f	a	f	a	a	f	a	c	f
Johnston Methanol (Harbour)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													48.9	60.8	f	f	f	f	a	f	a	a	f	a	c	f
Apollo to Minerva (Perenco)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	Pipeline	Active/In Operation													49.0	62.1	f	f	f	f	a	f	a	a	f	a	c	f

Ravenspurn North CP to ST3	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													49.1	61.0			f	a	a	f	a	a	f	a	g	f
M1 to Minerva (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													49.1	63.2	d	d	f	a	a	f	a	a	f	a	g	f
Ravenspurn North Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.1	61.0	f	f	f	f	a	f	a	a	f	a	c	f
Ravenspurn North ST-2 Infield (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.1	61.0	f	f	f	f	a	f	a	a	f	a	c	f
Ravenspurn North ST3 to RNCP (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.1	61.0	f	f	f	f	a	f	a	a	f	a	c	f
Thames Export (IOG PLC)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	In Planning													49.3	46.3	f	f	f	f	e	f	a	f	f	f	c	f
LX1 Well to Viking Bravo (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													49.7	56.7	d	d	f	a	a	f	a	a	f	a	g	f
Neptune to Cleeton (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.7	62.8	f	f	f	f	a	f	a	a	f	a	c	f
Wenlock Service Pipeline (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.9	57.5	f	f	f	f	a	f	a	a	f	a	c	f
Wenlock Gas (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													49.9	57.5	f	f	f	f	a	f	a	a	f	a	c	f
Peterhead to South Humber (E4L5)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	Proposed													49.97	17.23			f	f	c	f	e	f	f	d	c	a
Rough 47/3B Import/Export (Centrica)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													50.0	46.8	f	f	f	f	a	f	a	a	f	a	c	f
Cleeton CP to Ravenspurn A (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													51.3	63.3	f	f	f	f	a	f	a	a	f	a	c	f
Inner Dowsing	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													51.40	3.40	c	c	f	f	a	f	a	a	f	a	c	f
South East Scotland to South Humber	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	Proposed													52.78	17.23			f	f	c	f	e	f	f		c	
Lynn	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation													54.60	9.10	c	c	a	a	a	f	a	a	f	a	c	f

Amethyst B1D to Amethyst A2D Chemical Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													98.4	22.3																

Offshore Cumulative Effects Assessment Matrix - Carbon Capture Storage

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology
CS018	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													2.5	17.3	c	e	e	e	e	f	e	e	f	d	c
CS017	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													5.6	19.4	c	e	e	e	e	f	e	e	f	d	c
CS028	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													10.2	0.0	c	e	e	e	c	f	e	e	f	f	c
CS024	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													21.8	29.5	f	f	f	e	c	f	e	f	f	f	c
CS023	TCE	High - Third party project details published in the public domain and confirmed as being	Carbon Storage Licence Round	Licensing Round Area													28.0	34.0	e	e	e	e	c	f	e	e	f	f	c
CS005	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													35.2	41.7	f	f	f	e	e	f	e	f	f	e	c
CS008	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													40.8	32.2	f	f	f	e	c	f	e	f	f	f	c
CS009	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													44.1	46.5	f	f	f	e	e	f	e	f	f	e	c
CS007	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round includes areas 43/23. 43/30, 44/26, and 44/27	Licensing Round Area													48.6	61.9	f	f	f	e	c	f	e	f	f	e	c
CS006	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round, includes areas 43/23. 43/30, 44/26, and 44/27	Licensing Round Area													51.2	65.0	f	f	f	e	c	f	e	f	f	e	f

CS001	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													55.6	69.9	f	f	f	e	c	f	e	f	f	e	f
Endurance	https://opendata-thecrownestate.opendata.arcgis.com/datasets/8cae2b24b1f6457c8311af3e794246d3	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Capture and Storage Lease Area	Area for Lease (CS001)													59.2	71.2	f	f	f	g	c	f	c	f	f	f	f
CS019	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													70.0	106.8	f	f	f	e	e	f	e	f	f	f	f
CS025	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round													70.9	83.7	f	f	f	e	e	f	f	f	f	f	f
CS020	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													73.7	87.5	f	f	f	e	e	f	e	f	f	f	f
CS022	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													79.5	92.0	f	f	f	e	c	f	e	f	f	f	f
CS026	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													84.0	90.1	f	f	f	e	c	f	e	f	f	f	f
CS021	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													111.9	124.6	f	f	f	f	c	f	e	f	f	f	f
CS004	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Area													273.9	232.0	f	f	f	f	e	f	f	f	f	f	f
CS010	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													300.9	261.7	f	f	f	f	c	f	f	f	f	f	f
CS011	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													489.3	501.7	f	f	f	f	c	f	f	f	f	f	f

CS021	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													489.3	501.7	f	f	f	f	c	f	e	f	f	f	f
CS003	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													491.9	504.1	f	f	f	f	e	f	e	f	f	f	f
CS012	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													504.5	517.8	f	f	f	f	c	f	f	f	f	f	f
CS015	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													844.7	857.9	f	f	f	f	e	f	e	f	f	f	f
CS016	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													853.7	866.9	f	f	f	f	c	f	f	f	f	f	f
CS014	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													857.2	870.5	f	f	f	f	e	f	e	f	f	f	f
CS013	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													875.7	889.1	f	f	f	f	c	f	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Military, Aviation and Radar

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
D323D SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													0.00	6.50	f	f	b	a	a	f	f	a	f	f	c	d
D323D SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													6.50	39.35	f	f	b	a	a	f	f	a	f	f	c	f
D307 DONNA NOOK	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active													44.06	15.88	f	f	f	a	a	f	f	a	a	f	c	f
D323F SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													45.58	44.19	f	f	f	a	a	f	f	a	f	d	c	f
	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		Active													63.61	76.10	f	f	f	a	a	f	f	a	f	f	f	f
	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		Active													76.32	91.60	f	f	f	a	a	f	f	a	f	f	f	f
D323B SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													77.79	81.90	f	f	f	a	a	f	f	a	f	f	f	f
D207 HOLBEACH	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active													79.00	33.95	f	f	f	a	a	f	f	a	a	f	c	f
D208 STANFORD	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Parachute Dropping, Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active													105.96	78.19	f	f	f	f	a	f	f	a	f	f	f	f
D305 BECKINGHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Air Firing, Military Exercises, Bombing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS).	Active													123.29	69.53	f	f	f	f	a	f	f	a	f	f	f	f
D412 STAXTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Air to Air Firing.	Active													130.87	142.83	f	f	f	f	a	f	f	a	f	f	f	f
D323E SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													131.05	130.08	f	f	f	f	a	f	f	a	a	f	f	f
D323G SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													131.38	130.08	f	f	f	f	a	f	f	a	f	f	f	f
D410 STRENSALL	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing and Unmanned Aircraft Systems (VLOS).	Active													141.46	120.57	f	f	f	f	a	f	f	a	f	f	f	f
D215 NORTH LUFFENHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO - SITE TO CLOSE IN 2020 /2021.	Active													146.15	92.45	f	f	f	f	a	f	f	a	f	f	f	f
X5118 Gunfleet	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													172.32	155.75	f	f	f	f	a	f	f	a	f	f	f	f
X5117 Outer Gabbard	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Mine Counter Measures.	Active													173.35	158.69	f	f	f	f	a	f	f	a	f	f	f	f
X5121 - X5120 - X5119 N+S Galloper Kentish Knock	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													176.35	163.59	f	f	f	f	a	f	f	a	f	f	f	f
D206 CARDINGTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Balloons and Unmanned Aircraft Systems (VLOS / BVLOS).	Active													181.83	134.99	f	f	f	f	a	f	f	a	f	f	f	f
D139 FINGRINGHOE	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS).	Active													183.25	159.99	f	f	f	f	a	f	f	a	f	f	f	f
D513B DRURIDGE BAY	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													197.13	207.58	f	f	f	f	a	f	f	a	f	f	f	f

D513 DRURIDGE BAY	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													197.13	207.58	f	f	f	f	a	f	f	a	f	f	f	f
D138B SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													197.39	178.80	f	f	f	f	a	f	f	a	f	f	f	f
D314 HARPUR HILL	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Explosions and Demolition of UXO.	Active													197.83	149.51	f	f	f	f	a	f	f	a	f	f	f	f
D513A DRURIDGE BAY	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													198.21	207.58	f	f	f	f	a	f	f	a	f	f	f	f
D304 UPPER HULME	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Military Exercises and Unmanned Aircraft Systems (VLOS).	Active													199.71	150.35	f	f	f	f	a	f	f	a	f	f	f	f
D138A SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													201.13	180.28	f	f	f	f	a	f	f	a	f	f	f	f
D138C SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													205.55	182.59	f	f	f	f	a	f	f	a	f	f	f	f
D138 SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													206.27	183.42	f	f	f	f	a	f	f	a	f	f	f	f
D442 BELLERBY	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Military Exercises and and Unmanned Aircraft Systems (VLOS / BVLOS) (less than 150 Kts).	Active													206.40	185.82	f	f	f	f	a	f	f	a	f	f	f	f
D408 FELDOM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS / BVLOS) (less than 150 Kts).	Active													209.31	191.07	f	f	f	f	a	f	f	a	f	f	f	f
D136 SHOEBURYNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO, Pilotless Target Aircraft and Unmanned Aircraft Systems (VLOS / BVLOS).	Active													216.99	191.25	f	f	f	f	a	f	f	a	f	f	f	f
D213 KINETON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO.	Active													224.86	170.97	f	f	f	f	a	f	f	a	f	f	f	f
D211 SWYNNERTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS).	Active													226.82	174.46	f	f	f	f	a	f	f	a	f	f	f	f
D129 WESTON ON THE GREEN	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Parachute Dropping.	Active													232.88	181.70	f	f	f	f	a	f	f	a	f	f	f	f
D129 WESTON ON THE GREEN	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Army Parachute Dropping.	Active													232.88	181.70	f	f	f	f	a	f	f	a	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Oil and Gas

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
GALAHAD	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													0.00	4.54	d	c	a	a	a	a	a	a	a	a	c	a
MALORY	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													0.00	6.30	d	c	a	a	a	a	a	a	a	a	c	a
PICKERILL A	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													0.00	12.33	d	c	g	a	a	a	f	a	a	a	f	a
PICKERILL B	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													0.00	6.38	d	c	g	a	a	a	f	a	a	a	f	a
BARQUE PB	SHELL	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													1.40	1.40	d	c	a	a	a	a	a	a	a	a	c	a
EXCALIBUR EA	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													3.93	0.52	d	c	a	a	a	a	a	a	a	a	c	a
BARQUE PL	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													6.57	14.29	d	c	a	a	a	a	a	a	a	a	c	a
AMETHYST B1D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													9.45	22.59	d	c	g	a	a	a	f	a	a	a	g	a
LANCELOT A	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													10.37	6.34	d	c	a	a	a	a	a	a	a	a	c	a
WEST SOLE A PP	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													13.08	25.08	d	c	a	a	a	a	a	a	a	a	c	a
West Sole A SP	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													13.08	25.08	d	c	a	a	a	a	a	a	a	a	c	a
West Sole A (6 LEG)	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													13.10	25.10	d	c	a	a	a	a	a	a	a	a	c	a
West Sole A (8 LEG)	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													13.10	25.10	d	c	a	a	a	a	a	a	a	a	c	a
CLIPPER PH	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													14.79	20.43	d	c	a	a	a	a	a	a	a	a	c	a

CLIPPER PW	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													14.80	20.49	d	c	a	a	a	a	a	a	a	a	c	a
CLIPPER PT	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													14.88	20.54	d	c	a	a	a	a	a	a	a	a	c	a
CLIPPER PC	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													14.92	20.60	d	c	a	a	a	a	a	a	a	a	c	a
CLIPPER PM	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													14.97	20.65	d	c	a	a	a	a	a	a	a	a	c	a
CLIPPER PR	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													15.03	20.70	d	c	f	a	a	a	a	a	a	a	c	a
WAVENEY	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													15.22	6.99	d	c	a	a	a	a	a	a	a	a	c	a
WEST SOLE B	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													15.31	27.33	d	c	a	a	a	a	a	a	a	a	c	a
ENSIGN PLATFORM	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED													16.25	23.93	g	g	f	a	a	a	f	a	a	a	g	a
GALLEON PG	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													16.79	24.13	f	f	f	a	a	a	a	f	f	a	c	a
AMETHYST A2D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													17.50	29.51	f	f	g	a	a	a	f	a	f	a	g	a
WEST SOLE C	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													19.63	31.68	d	c	g	a	a	a	a	a	a	a	c	a
ANGLIA A	ITHACA ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													19.84	21.56	f	f	f	a	a	a	a	f	f	a	c	f
48/9A MIMAS	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													20.04	32.70	f	f	f	a	a	a	f	f	f	a	g	f
AMETHYST A1D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													20.89	28.47	f	f	f	a	a	a	a	f	f	d	c	f
CLIPPER SOUTH	INEOS INDUSTRIES	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													21.42	26.09	f	f	f	a	a	a	a	f	f	a	c	f
HOTON	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													22.83	34.78	f	f	g	a	a	a	a	f	f	a	c	f

SKIFF PS	SHELL PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													24.36	30.65	f	f	g	a	a	a	a	f	f	a	c	f
GALLEON PN	SHELL PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													25.90	32.51	f	f	f	a	a	a	a	f	f	a	c	f
AUDREY B (XW)	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ABANDONED													28.29	35.93	f	f	f	a	a	a	f	f	f	d	g	f
SATURN ND	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													28.67	38.35	f	f	g	a	a	a	f	f	f	a	g	f
BLYTHE JACKET	IOG PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													29.69	22.16	f	f	f	a	a	a	a	f	f	a	c	f
AMETHYST C1D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													29.70	34.09	g	g	f	a	a	a	f	f	f	a	g	f
AUDREY A (WD)	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ABANDONED													31.04	38.54	g	g	f	a	a	a	f	f	f	d	g	f
NORTH VALIANT 2	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													38.20	43.70	g	g	g	a	a	a	f	f	f	a	g	f
BABBAGE	NEO ENERGY GROUP	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													39.82	51.73	f	f	f	a	a	a	a	f	f	a	c	f
VANGUARD	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE - in cold suspension													41.30	47.30	g	g	g	a	a	a	f	f	f	a	g	f
SOUTH VALIANT	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE - in cold suspension													43.70	48.90	g	g	g	a	a	a	f	f	f	a	g	f
VULCAN 1	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													45.00	49.00	g	g	g	a	a	a	f	f	f	a	g	f
ROUGH AP	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													47.85	55.90	f	f	g	a	a	a	f	f	f	a	g	f
ROUGH AD	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													47.86	55.88	f	f	g	a	a	a	f	f	f	a	g	f
RAVENSPURN NORTH CC	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													49.12	61.07	f	f	g	a	a	a	a	f	f	a	c	f
RAVENSPURN NORTH CCW	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													49.15	61.10	f	f	g	a	a	a	a	f	f	a	c	f

NEPTUNE	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													49.71	62.80	f	f	g	a	a	a	a	f	f	a	c	f
WENLOCK NUI	WALDORF PRODUCTION	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													49.90	57.51	f	f	g	a	a	a	a	f	f	a	c	f
ROUGH BP	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													49.95	57.36	f	f	g	a	a	a	a	f	f	a	c	f
ROUGH CD	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													49.95	57.42	f	f	g	a	a	a	a	f	f	a	c	f
ROUGH BD	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													49.95	57.31	f	f	g	a	a	a	a	f	f	a	c	f
48/29C	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													50.80	48.80	f	f	f	f	a	a	a	f	f	a	c	f
RAVENSPURN SOUTH A	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													51.27	63.29	f	f	g	f	a	a	a	f	f	a	f	f
MINERVA	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													52.55	66.65	f	f	g	f	a	a	a	f	f	a	f	f
RAVENSPURN NORTH ST2	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													52.80	64.78	f	f	g	f	a	a	a	f	f	a	f	f
SOUTHWARK JACKET	IOG PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													53.58	57.27	f	f	g	f	a	a	a	f	f	a	f	f
48/29B	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													54.00	47.64	f	f	f	f	a	a	a	f	f	a	c	f
YORK PLATFORM	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													54.30	63.14	f	f	g	f	a	a	a	f	f	a	f	f
B_48/30-11	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													55.47	56.44	f	f	f	f	a	a	a	f	f	d	f	f
RAVENSPURN SOUTH B	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													55.71	67.83	f	f	g	f	a	a	a	f	f	a	f	f
CLEETON CC	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													56.33	69.56	f	f	f	f	a	a	a	f	f	a	f	f
CLEETON PQ	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													56.34	69.57	f	f	f	f	a	a	a	f	f	a	f	f

CLEETON WLTR	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													56.38	69.61	f	f	f	f	a	a	a	f	f	a	f	f
CLEETON RISER TOWER	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													56.38	69.60	f	f	f	f	a	a	a	f	f	a	f	f
RAVENSPURN NORTH ST3	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													56.88	68.93	f	f	g	f	a	a	a	f	f	a	f	f
LEMAN F	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													58.73	61.53	f	f	g	f	a	a	a	f	f	a	f	f
LEMAN G	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													59.40	62.50	f	f	g	f	a	a	a	f	f	a	f	f
RAVENSPURN SOUTH C	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													59.50	71.93	f	f	g	f	a	a	a	f	f	a	f	f
48/29A-P	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													59.88	55.95	f	f	f	f	a	a	a	f	f	a	f	f
48/29A-Q	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													59.89	56.02	f	f	f	f	a	a	a	f	f	a	f	f
48/29A-FTP	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													59.93	55.96	f	f	f	f	a	a	a	f	f	a	f	f
SCHOONER A	DNO NORTH SEA	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED													60.97	73.77	g	g	g	f	a	a	f	f	f	a	g	f
LEMAN AK	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.88	65.91	f	f	g	f	a	a	a	f	f	f	f	f
52/5A	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.89	59.95	f	f	f	f	a	a	a	f	f	f	f	f
LEMAN AC	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.90	65.94	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN AD1	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.91	65.93	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN AP	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.93	65.96	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN AD2	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													62.95	65.98	f	f	g	f	a	a	a	f	f	f	f	f

LEMAN CD	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													63.69	66.95	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN CP	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													63.71	66.97	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN BT	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													65.79	69.02	f	f	g	f	a	a	a	f	f	f	f	f
LEMAN BD	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													66.40	69.61	f	f	g	f	a		a	f	f	f	f	f
LEMAN BP	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													66.42	69.64	f	f	g	f	a		a	f	f	f	f	f
Tolmount	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													66.47	79.20	g	g	g	f	a		a	f	f	a	f	f
INDE BD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													66.78	73.54	f	f	g	f	a		a	f	f	f	f	f
INDE BP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													66.81	73.56	f	f	g	f	a		a	f	f	f	f	f
INDE D	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													68.40	74.51	f	f	g	f	a		a	f	f	f	f	f
LEMAN E	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													68.60	71.62	f	f	g	f	a		a	f	f	f	f	f
LEMAN ED	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													68.86	72.08	f	f	g	f	a		a	f	f	f	f	f
LEMAN EP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													68.86	72.08	f	f	g	f	a		a	f	f	f	f	f
LEMAN AX	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.35	73.65	f	f	g	f	a		a	f	f	f	f	f
LEMAN AQ	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.38	73.68	f	f	g	f	a		a	f	f	f	f	f
LEMAN AD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.39	73.67	f	f	g	f	a		a	f	f	f	f	f
Leman 27 AC	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.40	73.70	f	f	g	f	a		a	f	f	f	f	f

Leman 27 AD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.41	73.67	f	f	g	f	a		a	f	f	f	f	f
Leman 27 AP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.41	73.69	f	f	g	f	a		a	f	f	f	f	f
INDE AD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.50	77.10	f	f	g	f	a		a	f	f	f	f	f
INDE AP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													70.51	77.15	f	f	g	f	a		a	f	f	f	f	f
LEMAN J	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													71.62	74.69	f	f	g	f	a		a	f	f	f	f	f
INDE AT	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.20	78.56	f	f	g	f	a		a	f	f	f	f	f
INDE AC	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.22	78.58	f	f	g	f	a		a	f	f	f	f	f
INDE AQ	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.30	78.57	f	f	g	f	a		a	f	f	f	f	f
LEMAN D	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.32	75.05	f	f	g	f	a		a	f	f	f	f	f
INDE CD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.34	78.58	f	f	g	f	a		a	f	f	f	f	f
INDE CP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.37	78.62	f	f	g	f	a		a	f	f	f	f	f
LEMAN BP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.62	76.42	f	f	g	f	a		a	f	f	f	f	f
BESSEMER A	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.84	78.16	f	f	f	f	a		a	f	f	f	f	f
Leman 27 BC	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.85	76.36	f	f	g	f	a		a	f	f	f	f	f
LEMAN BT	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.91	76.42	f	f	g	f	a		a	f	f	f	f	f
LEMAN BD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													72.93	76.43	f	f	g	f	a		a	f	f	f	f	f

CUTTER QC	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													73.42	81.11	f	f	f	f	a		a	f	f	f	f	f
Kilmar Nui	WALDORF	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													73.50	86.37	f	f	g	f	a		a	f	f	f	f	f
LEMAN CD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													73.75	76.99	f	f	g	f	a		a	f	f	f	f	f
LEMAN CP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													73.75	76.94	f	f	g	f	a		a	f	f	f	f	f
LEMAN H	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													73.93	76.77	f	f	g	f	a		a	f	f	f	f	f
Trent	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													74.67	88.34	f	f	g	f	a		a	f	f	f	f	f
GARROW NUI	ALPHA PETROLEUM UK HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													74.91	88.86	f	f	f	f	a		a	f	f	f	f	f
BRIGANTINE BG	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													75.09	81.98	f	f	f	f	a		a	f	f	f	f	f
LEMAN FD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													75.13	78.69	f	f	g	f	a		a	f	f	f	f	f
LEMAN FP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													75.15	78.71	f	f	g	f	a		a	f	f	f	f	f
BRIGANTINE BR	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													77.05	84.16	f	f	f	f	a		a	f	f	f	f	f
LEMAN DP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													78.23	81.73	f	f	g	f	a		a	f	f	f	f	f
LEMAN DD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													78.23	81.72	f	f	g	f	a		a	f	f	f	f	f
LEMAN G	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													78.50	82.30	f	f	g	f	a		a	f	f	f	f	f
Corvette CV	SHELL	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													79.09	84.93	f	f	f	f	a		a	f	f	f	f	f
Ketch	DNO NORTH SEA	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED													80.31	91.37	g	g	g	f	a		f	f	f	f	g	f

KETCH	DNO NORTH SEA	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED													80.31	91.37	g	g	g	f	a		f	f	f	f	g	f
Boulton	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													80.45	93.69	f	f	f	f	a		f	f	f	f	f	f
CARRACK QA	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													82.63	90.17	f	f	f	f	a		a	f	f	f	f	f
THAMES A	EXXONMOBIL	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE - removed													83.35	88.03	f	f	g	f	a		f	f	f	a	f	f
THAMES AR	EXXONMOBIL	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE - removed													83.45	88.13	f	f	g	f	a		f	f	f	a	f	f
Windermere	INEOS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													87.20	95.05	f	f	g	f	a		f	f	f	a	f	f
Murdoch Accomodation	CHRYSAOR	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													87.81	101.84	g	g	g	f	a		f	f	f	f	g	f
Murdoch Compression	CHRYSAOR	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													87.89	101.92	g	g	g	f	a		f	f	f	f	g	f
Murdoch Drilling	CHRYSAOR	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE													87.96	102.00	g	g	g	f	a		f	f	f	f	g	f
GROVE PLATFORM	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													88.83	96.51	f	f	g	f	a		a	f	f	f	f	f
Chiswick	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													89.46	98.53	f	f	f	f	a		a	f	f	f	f	f
CARAVEL QR	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													90.47	97.82	f	f	f	f	a		a	f	f	f	f	f
SHAMROCK QS	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													91.60	98.87	f	f	g	f	a		a	f	f	a	f	f
SHAMROCK QS	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													91.60	98.90	f	f	g	f	a		a	f	f	f	f	f
SEAN RD	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													91.85	97.96	f	f	g	f	a		a	f	f	a	f	f
ST-1	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED													93.59	101.38	g	g	g	f	a		f	f	f	a	g	f

Cavendish	INEOS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	Not In Use													95.19	108.91	f	f	f	f	a		f	f	f	f	f	f
SEAN PP	SHELL UK	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													95.57	101.52	f	f	g	f	a		a	f	f	a	f	f
SEAN PD	SHELL UK	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													95.61	101.56	f	f	g	f	a		a	f	f	a	f	f
44/23A Kelvin TM	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													101.22	113.91	g	g	f	f	a		f	f	f	f	f	f
Munro MH	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													103.50	116.84	f	f	g	f	a		f	f	f	f	f	f
Wingate	WINTERSHALL B.V.	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													105.94	118.20	f	f	g	f	a		a	f	f	a	f	f
DAVY A	PERENCO	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													107.58	112.61	f	f	f	f	a		a	f	f	f	f	f
Tyne	PERENCO	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													110.09	124.35	g	g	g	f	a		f	f	f	f	g	f
Katy KT	CHRYSAOR	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	NOT IN USE													114.81	127.31	g	g	g	f	a		f	f	f	f	f	f
Cygnus A (AUQ)	ENI UK Limited	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													116.24	129.78	f	f	f	f	a		a	f	f	f	f	f
Cygnus A (APU)	ENI UK Limited	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													116.32	129.86	f	f	f	f	a		a	f	f	f	f	f
Cygnus A (AWHP)	ENI UK Limited	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													116.41	129.95	f	f	f	f	a		a	f	f	f	f	f
Cygnus A (BWHP)	ENI UK Limited	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													116.85	130.51	f	f	f	f	a		a	f	f	f	f	f
Breagh Alpha	INEOS	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													121.60	134.33	f	f	f	f	a		a	f	f	f	f	f
DP4 PLATFORM	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	REMOVED													304.55	266.80	g	g	f	f	a		f	f	f	f	f	f
ETAP QU	BP EXPLORATION	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the Crown Estate	PLATFORM	ACTIVE													407.41	420.80	f	f	f	f	a		a	f	f	f	f	f

ETAP PDR	BP EXPLORATION	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													407.50	420.90	f	f	f	f	a		a	f	f	f	f	f
Mungo Platform	BP EXPLORATION	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													417.53	431.06	f	f	f	f	a	a	a	f	f	f	f	f
Andrew	BP EXPLORATION	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													491.19	504.46	f	f	f	f	a	a	a	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Offshore Wind UK

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	In Construction Period (red outline denotes ODOW offshore In Construction period)												Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
					2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX														
Triton Knoll	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													8.54	5.55	c	c	b	b	a	b	a	a	c	a	c	a
Dudgeon Extension	pendata-thecrownestate.opendata.arcgis.com/datasets/2	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented													13.53	0.02	c	c	c	c	c	b	c	c	c	c	c	a
Dudgeon	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													19.89	11.15	c	c	b	b	a	b	a	a	c	a	c	a
Hornsea Project Two (HOW02)	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													20.22	35.54	f	f	f	g	a	b	c	a	c	a	c	a
Hornsea Project One (HOW01)	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													23.10	38.20	f	f	f	g	a	b	a	a	c	a	c	a
Race Bank	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													23.50	0.00	c	c	b	b	a	b	a	a	c	a	c	a
Sheringham Shoal Extension	pendata-thecrownestate.opendata.arcgis.com/datasets/2	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown Estate	Offshore Wind Farm	Consented													26.13	8.75	c	c	c	c	c	c	c	b	c	c	c	b
Sheringham Shoal	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													34.04	16.68	f	f	f	g	a	b	a	a	c	a	c	a
Hornsea Project Four (HOW04)	https://pendata-thecrownestate.opendat	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Consented													38.99	53.35	f	f	f	c	c	c	c	c	c	f	c	f
Lincs	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													46.05	0.18	c	c	b	b	a	b	a	a	c	a	c	a
Humber Gateway	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													46.54	33.12	f	f	f	g	a	b	a	a	c	a	c	f
Inner Dowsing	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													51.13	3.30	c	c	b	b	a	b	a	a	c	a	c	f
Lynn	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													54.37	10.61	c	c	b	b	a	b	a	a	c	a	c	f
Hornsea Project Three (HOW03)	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													60.05	70.91	f	f	f	c	c	c	c	c	c	f	f	f
Westermost Rough	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													60.36	58.10	f	f	f	g	a	b	a	a	c	a	f	f
Dogger Bank South (East)	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In planning (Application submitted)													83.31	98.74	f	f	f	c	c	c	c	c	c	f	f	
Norfolk Vanguard West	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													83.83	86.67	f	f	f	c	c	c	c	c	c	f	f	f

Norfolk Boreas	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													94.88	100.50	f	f	f	c	c	c	c	f	c	f	f	f
Scroby Sands	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													97.60	85.30	f	f	f	c	a	b	a	a	c	f	f	f
Dogger Bank South (West)	https://opendata-thecrownestate.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In planning (Application submitted)													98.40	113.90	f	f	f	c	c	c	c	c	c	f	f	f
Gebied 1 Noord (1-n)		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													98.84	106.04	f	f	f	e	e	f	e	f	e	f	f	f
Norfolk Vanguard East	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													104.11	108.70	f	f	f	f	c	c	c	f	f	f	f	f
Gebied 1 Zuid (1-z)		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													105.85	112.34	f	f	f	f	e	f	e	f	f	f	f	f
Dogger Bank A	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													116.55	132.06	f	f	f	f	a	c	c	f	f	f	f	f
East Anglia THREE	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													118.92	122.39	f	f	f	f	c	c	c	f	f	f	f	f
East Anglia ONE NORTH	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													133.14	127.12	f	f	f	f	c	c	c	f	f	f	f	f
Dogger Bank B	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													135.29	150.71	f	f	f	f	a	c	c	f	f	f	f	f
East Anglia TWO	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													141.00	130.99	f	f	f	f	c	c	c	f	f	f	f	f
Sofia	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Construction													141.43	156.79	f	f	f	f	c	c	c	f	f	f	f	f
IJmuiden Ver	https://www.noordzeeloket.nl/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In planning													141.59	147.53	f	f	f	f	e	c	c	f	f	f	f	f
Gebied 2 Noord (2-n)		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													143.44	150.12	f	f	f	f	c	c	c	f	f	f	f	f
East Anglia ONE	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													149.07	144.42	f	f	f	f	a	b	a	a	f	f	f	f
Gebied 2 Zuid (2-z)		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													160.00	166.38	f	f	f	f	e	c	e	f	f	f	f	f
Dogger Bank C	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													161.99	177.09	f	f	f	f	c	c	c	f	f	f	f	f
Hollandse Kust West	https://www.power-technology.co	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													170.92	175.41	f	f	f	f	c	c	c	f	f	f	f	f
Galloper	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													172.63	158.42	f	f	f	f	a	b	a	a	f	f	f	f

Dogger Bank D		High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													173.33	187.89	f	f	f	f	c	c	c	f	f	f	f	f
Greater Gabbard	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													173.90	159.26	f	f	f	f	a	b	a	a	f	f	f	f
Five Estuaries Offshore Wind Farm Limited	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In planning (Application submitted)													175.52	162.54	f	f	f	f	c	c	c	f	f	f	f	f
Hollandse Kust E		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Construction													180.57	186.66	f	f	f	f	c	c	c	f	f	f	f	f
Teesside	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													182.77	178.90	f	f	f	f	a	b	a	a	f	f	f	f
Hollandse Kust (West) VI	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													189.55	193.40	f	f	f	f	c	c	c	f	f	f	f	f
Hollandse Kust (West) VII	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning																										
Gunfleet Sands I	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													191.68	174.30	f	f	f	f	a	b	a	a	f	f	f	f
Gunfleet Sands II	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													192.27	175.71	f	f	f	f	a	b	a	a	f	f	f	f
Hollandse Kust F		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Construction													192.62	194.48	f	f	f	f	c	c	c	f	f	f	f	f
North Falls	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In planning (Application submitted)													193.50	178.50	f	f	f	f	c	c	c	f	f	f	f	f
Gunfleet Sands Demo	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													195.88	177.50	f	f	f	f	a	b	a	a	f	f	f	f
London Array	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													198.40	182.14	f	f	f	f	a	b	a	a	f	f	f	f
Hollandse Kust (Noord)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													199.00	204.56	f	f	f	f	a	f	c	f	f	f	f	f
Prinses Amalia Windpark	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													205.38	210.70	f	f	f	f	a	f	a	f	f	f	f	f
Hollandse Kust (Zuid)	https://map.4coffshore.com/offshorewi	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	Active/In Operation													205.80	210.20	f	f	f	f	a	f	c	f	f	f	f	f
Hollandse Kust Zuid Holland III	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													209.23	213.48	f	f	f	f	a	f	c	f	f	f	f	f
NSW Offshore windpark Egmond aan Zee	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													213.70	219.30	f	f	f	f	a	f	a	f	f	f	f	f
OWF Egmond aan Zee		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													213.75	219.27	f	f	f	f	a	a	a	f	f	f	f	f

WP Q10 / Eneco Luchterduinen	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													214.10	218.76	f	f	f	f	a	f	a	f	f	f	f	f
HKZ Kavel IV	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													215.02	219.46	f	f	f	f	a	f	c	f	f	f	f	f
Windenergiegebied Borssele zuidzijde/Borselle 2		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													215.32	207.51	f	f	f	f	a	f	e	f	f	f	f	f
Mermaid	https://www.ocean-energy-systems	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Hybrid Wave/Wind Energy	Active/In Operation													215.52	207.14	f	f	f	f	a	f	e	f	f	f	f	f
Borssele Kavel IV	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													215.90	208.20	f	f	f	f	a	f	a	f	f	f	f	f
HKZ Kavel III	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													216.20	220.20	f	f	f	f	a	f	c	f	f	f	f	f
Borssele Kavel I	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													218.30	213.73	f	f	f	f	a	f	a	f	f	f	f	f
Northwester 2	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													219.40	211.20	f	f	f	f	a	f	a	f	f	f	f	f
Belwind phase 2 (Nobelwind) (Zone 1)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													219.70	212.05	f	f	f	f	a	f	a	f	f	f	f	f
Belwind phase 1	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													220.70	213.01	f	f	f	f	a	f	a	f	f	f	f	f
Kentish Flats	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													222.70	201.70	f	f	f	f	a	b	a	f	f	f	f	f
Borssele Kavel III	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													222.70	216.70	f	f	f	f	a	f	a	f	f	f	f	f
Belwind phase 2 (Nobelwind) (Zone 2)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													223.14	215.80	f	f	f	f	a	f	a	f	f	f	f	f
Kentish Flats Extension	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													223.40	201.58	f	f	f	f	a	c	a	f	f	f	f	f
Borssele Kavel V	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													225.20	219.50	f	f	f	f	a	f	a	f	f	f	f	f
Thanet	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													225.79	209.80	f	f	f	f	a	b	a	f	f	f	f	f
Seastar	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													226.60	219.40	f	f	f	f	a	f	a	f	f	f	f	f
Borssele Kavel II	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													228.30	222.90	f	f	f	f	a	f	a	f	f	f	f	f
Northwind	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													231.00	224.00	f	f	f	f	a	f	f	f	f	f	f	f

Blyth Demonstration Phases 2&3	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													231.49	234.10	f	f	f	f	c	c	f	f	f	f	f	f
Rentel	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													233.50	226.60	f	f	f	f	a	f	f	f	f	f	f	f
Blyth Demo Phase 1	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													234.20	234.90	f	f	f	f	a	b	f	f	f	f	f	f
C-Power (Zone A)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													238.50	230.70	f	f	f	f	a	f	f	f	f	f	f	f
C-Power (Zone B)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													238.60	231.70	f	f	f	f	a	f	f	f	f	f	f	f
Norther	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													240.10	233.50	f	f	f	f	a	f	f	f	f	f	f	f
Blyth	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Inactive/Decommissioned													240.39	240.00	g	g	f	f	a	f	f	f	f	f	f	f
Ten Noorden van de Wadden	https://map.4coffshore.com/offsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													248.40	256.10	g	g	f	f	e	f	f	f	f	f	f	f
Gebied 5 Oost (5-o)		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													258.70	266.40	f	f	f	f	e	f	d	f	f	f	f	f
Dunkerque	4C Offshore	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													264.00	250.00	f	f	f	f	c	f	d	f	f	f	f	f
Orsted Burbo (UK) Limited	https://map.4coffsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													276.30	232.70	f	f	f	f	a	f	f	f	f	f	f	f
N-9.3	https://map.4coffsh	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													278.00	286.10	f	f	f	f	c	f	f	f	f	f	f	f
Orsted Burbo Extension (UK) Limited	https://map.4coffsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													278.40	234.70	f	f	f	f	a	f	f	f	f	f	f	f
N-9.1	https://map.4coffsh	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Planning													282.80	290.60	f	f	f	f	c	f	f	f	f	f	f	f
Barrow Offshore Wind Limited	https://map.4coffsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													286.30	251.00	f	f	f	f	a	f	f	f	f	f	f	f
ZeeEnergie / Gemini	https://map.4coffsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													287.10	294.80	f	f	f	f	a	f	f	f	f	f	f	f
N-6.7	https://map.4coffsh	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Planning													287.50	295.20	f	f	f	f	c	f	f	f	f	f	f	f
Deutsche Bucht	https://map.4coffsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													288.70	296.40	f	f	f	f	a	f	f	f	f	f	f	f
N-9.4		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Construction													289.90	298.35	f	f	f	f	c	f	d	f	f	f	f	f

Veja Mate	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													293.20	300.80	f	f	f	f	c	f	f	f	f	f	f	f
N-6.6 (Also known as Nordlicht II)	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													293.20	300.90	f	f	f	f	c	f	f	f	f	f	f	f
West of Duddon Sands	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													293.80	258.00	f	f	f	f	a	f	d	f	f	f	f	f
North Hoyle Wind Farm Limited	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													294.60	250.00	f	f	f	f	a	f	f	f	f	f	f	f
Gwynt y Mor Offshore Wind Farm Limited	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													296.90	252.82	f	f	f	f	a	f	f	f	f	f	f	f
Ormonde Energy Limited	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													297.10	263.10	f	f	f	f	a	f	f	f	f	f	f	f
N-9.2	https://map.4coffshore.com/of	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Planning													298.40	306.80	f	f	f	f	e	f	f	f	f	f	f	f
Buitengaats / Gemini I	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													298.60	306.30	f	f	f	f	a	f	f	f	f	f	f	f
Walney Phase 1	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													298.90	263.90	f	f	f	f	a	f	f	f	f	f	f	f
Morecambe	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													299.10	259.60	f	f	f	f	c	f	d	f	f	f	f	f
BARD Offshore 1	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													301.00	308.70	f	f	f	f	a	f	f	f	f	f	f	f
Walney Extension 4	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													303.90	268.40	f	f	f	f	a	f	d	f	f	f	f	f
Borkum Riffgrund 2	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													304.40	312.10	f	f	f	f	a	f	f	f	f	f	f	f
Borkum Riffgrund 3	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													304.40	312.00	f	f	f	f	c	f	d	f	f	f	f	f
Walney Phase 2	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													305.60	271.10	f	f	f	f	a	f	f	f	f	f	f	f
Awel y Môr Offshore Wind Farm Limited	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Consented													306.90	263.40	f	f	f	f	c	f	f	f	f	f	f	f
Rhyl Flats	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													307.60	262.70	f	f	f	f	a	f	d	f	f	f	f	f
N-10.2	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													309.10	318.30	f	f	f	f	c	f	f	f	f	f	f	f
Nordlicht I	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													311.49	319.17	f	f	f	f	c	f	f	f	f	f	f	f

EnBW He dreiht	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													313.86	321.60	f	f	f	f	c	f	f	f	f	f	f	f
N-10.1	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													315.60	324.20	f	f	f	f	c	f	f	f	f	f	f	f
Mona	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													319.10	277.20	f	f	f	f	c	f	d	f	f	f	f	f
Morgan	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													320.00	282.85	f	f	f	f	c	f	d	f	f	f	f	f
Walney Extension Limited	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													320.40	286.40	f	f	f	f	a	f	f	f	f	f	f	f
Rampion	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													322.00	284.90	f	f	f	f	a	b	f	f	f	f	f	f
Rampion 2 (Rampion Extension)	pendata-thecrownestate.opendata.arcgis.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													322.01	285.16	f	f	f	f	c	c	f	f	f	f	f	f
Albatros	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													323.00	331.00	f	f	f	f	a	f	f	f	f	f	f	f
Berwick Bank	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													323.20	327.60	f	f	f	f	c	c	d	f	f	f	f	f
Riffgat	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													324.10	331.55	f	f	f	f	a	f	f	f	f	f	f	f
Borkum Riffgrund 2	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													325.30	333.00	f	f	f	f	a	f	f	f	f	f	f	f
Trianel Windpark Borkum Phase 2	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													325.50	333.20	f	f	f	f	a	f	f	f	f	f	f	f
EnBW Hohe See	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													325.60	333.40	f	f	f	f	a	f	f	f	f	f	f	f
Trianel Windpark Borkum Phase 1	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													326.20	333.90	f	f	f	f	a	f	f	f	f	f	f	f
Borkum Riffgrund 1	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													329.80	337.40	f	f	f	f	a	f	f	f	f	f	f	f
Global Tech I		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													330.46	338.36	f	f	f	f	a	f	d	f	f	f	f	f
GlobalTech I	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													330.50	338.40	f	f	f	f	a	f	f	f	f	f	f	f
Merkur Offshore (MEG Offshore I)	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													331.10	338.70	f	f	f	f	a	f	f	f	f	f	f	f
Robin Rigg East	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													334.90	310.90	f	f	f	f	a	f	d	f	f	f	f	f

Ossian	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													335.10	350.18	g	g	f	f	c	f	f	f	f	f	f	f
Robin Rigg West	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													335.30	311.20	f	f	f	f	a	f	d	f	f	f	f	f
Harbour Energy South	https://map.4coffshore.com/offshorew	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													336.40	352.00	f	f	f	f	e	f	d	f	f	f	f	f
Morven BP E1	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													336.41	351.69	f	f	f	f	c	f	f	f	f	f	f	f
alpha ventus	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													336.75	344.50	f	f	f	f	a	f	f	f	f	f	f	f
Mooir Vannin	https://orsted.im/mooirvannin	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													338.60	306.20	f	f	f	f	e	f	d	f	f	f	f	f
Nordsren III vest	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													344.70	356.90	f	f	f	f	e	f	f	f	f	f	f	f
Nordsee One	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													346.30	354.00	f	f	f	f	a	f	f	f	f	f	f	f
Nordsee Cluster B - N-3.6	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													346.30	354.50	f	f	f	f	c	f	f	f	f	f	f	f
Nordsee Cluster B - N-3.5	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													351.00	358.70	f	f	f	f	c	f	f	f	f	f	f	f
Cedar	https://ceruleanwinds.com/cerulean-	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													351.40	366.20	f	f	f	f	c	c	d	f	f	f	f	f
Nordsee Cluster A - N-3.8	https://map.4coffshore.com/offshorew	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning													352.90	360.47	f	f	f	f	c	f	f	f	f	f	f	f
Neart Na Gaoithe Offshore Wind	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													358.50	365.70	f	f	f	f	a	c	f	f	f	f	f	f
Gode Wind 01	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													359.40	367.00	f	f	f	f	a	f	f	f	f	f	f	f
Bellrock	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													360.00	374.40	g	g	f	f	c	f	f	f	f	f	f	f
Gode Wind 02	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													360.50	368.20	f	f	f	f	a	f	f	f	f	f	f	f
Perpetuus Tidal Energy	https://www.ocean-energy-systems	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Tidal Energy	Construction													362.09	317.50	f	f	f	f	c	f	f	f	f	f	f	f
Dieppe - Le Treport	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													362.44	340.30	f	f	f	f	c	f	f	f	f	f	f	f
Nordsren II vest	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													362.90	374.90	f	f	f	f	e	f	f	f	f	f	f	f

N-3.7	https://map.4coffshore.com/of	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning	364.90	372.50	f	f	f	f	c	f	f	f	f	f	f	f
Seagreen Bravo Wind Energy Ltd	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation	366.10	381.30	f	f	f	f	a	c	f	f	f	f	f	f
Gode Wind 3		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation	367.49	375.15	f	f	f	f	a	f	d	f	f	f	f	f
Gode Wind 3	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation	367.50	375.20	f	f	f	f	a	f	f	f	f	f	f	f
Seagreen Alpha	https://www.seagreenwindenergy.co	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	375.50	385.80	f	f	f	f	a	c	f	f	f	f	f	f
Cenos	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning	375.70	391.00	f	f	f	f	c	c	d	f	f	f	f	f
Inch Cape Offshore Ltd	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Construction	376.05	385.90	f	f	f	f	c	c	f	f	f	f	f	f
West Anglesey Demonstration Zone	https://www.ocean-energy-	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Tidal Energy	Construction	380.10	334.56	f	f	f	f	c	f	f	f	f	f	f	f
Draig y Mor	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain	Floating Offshore Wind Farm	Concept/Early Planning	385.13	338.46	f	f	f	f	e	f	d	f	f	f	f	f
Holyhead Deep	https://minesto.com/holyhead-	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Tidal Energy	Active/In Operation	385.20	339.78	g	g	f	f	e	f	f	f	f	f	f	f
Sandbank	https://powerplants.vattenfall.c	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation	385.70	395.50	f	f	f	f	a	f	f	f	f	f	f	f
Holyhead Deep 0.5MW Site	Minesto | Holyhead Deep	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Tidal Energy	Active/In Operation	386.76	341.01	f	f	f	f	a	f	d	f	f	f	f	f
Forthwind Ltd	https://map.4coffshore.com/of	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction	389.10	388.00	f	f	f	f	c	f	f	f	f	f	f	f
CampionWind	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	390.00	404.50	f	f	f	f	e	c	f	f	f	f	f	f
Levenmouth Demonstration Turbine (Energy Park Fife)		High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation	390.57	389.64	f	f	f	f	a	c	d	f	f	f	f	f
Methil Demo	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	390.73	388.89	f	f	f	f	a	c	d	f	f	f	f	f
Culzean	https://www.energyvoice.com/o	High - Third party project details published in the public domain	Floating Offshore Wind Farm	Consented	393.90	409.30	f	f	f	f	c	c	d	f	f	f	f	f
Fecamp	https://www.enbridge.com/projects-and-	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	Construction	394.40	363.90	f	f	f	f	a	f	f	f	f	f	f	f
Bardsey Sound	https://www.ocean-energy-	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Tidal Energy	withdrawn	395.82	345.66	g	g	f	f	e	f	f	f	f	f	f	f

Nordsren II	4C Offshore	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Construction	398.20	410.30	f	f	f	f	c	f	d	f	f	f	f	f
Cluaran Deas Ear DEME E3 (Bowdun)	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Concept/Early Planning	398.50	413.80	f	f	f	f	e	f	f	f	f	f	f	f
DanTysk	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	402.20	411.60	f	f	f	f	a	f	f	f	f	f	f	f
Parc eolien pose au large de la Normadie (AO4)	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	406.90	369.10	f	f	f	f	c	f	f	f	f	f	f	f
Centre-Manche 2	https://www.power-technology.co	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	406.90	369.10	f	f	f	f	e	f	d	f	f	f	f	f
Meerwind Sued/Ost	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	410.20	417.90	f	f	f	f	a	f	f	f	f	f	f	f
Centre-Manche 1	https://www.nsenergybusiness.com	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	410.60	372.10	f	f	f	f	e	f	d	f	f	f	f	f
Nordsee Ost	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	411.20	418.90	f	f	f	f	a	f	f	f	f	f	f	f
Amrumbank West	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	413.70	421.40	f	f	f	f	a	f	f	f	f	f	f	f
Nordsren III	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	415.60	428.30	f	f	f	f	c	f	d	f	f	f	f	f
Nordsren I	4C Offshore	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	418.30	430.00	f	f	f	f	e	f	d	f	f	f	f	f
Kincardine Offshore WF Ltd	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	419.60	434.80	f	f	f	f	a	b	f	f	f	f	f	f
Kaskasi II	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	419.67	431.60	f	f	f	f	a	f	f	f	f	f	f	f
Lir (Future Development Area)	https://liroffshorearray.ie/	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	424.11	382.86	f	f	f	f	e	f	d	f	f	f	f	f
Muir Mhòr	https://muirmhor.co.uk/docum	High - Third party project details published in the public domain	Offshore Wind Farm	In Planning	428.10	442.80	f	f	f	f	c	f	f	f	f	f	f	f
North Channel Wind 2	North Channel Wind	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Planning	431.70	402.39	f	f	f	f	c	f	d	f	f	f	f	f
Dublin Northeast	https://www.northeastoffshorewind.i	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Planning	432.70	391.06	f	f	f	f	c	f	d	f	f	f	f	f
Butendiek	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	434.20	442.94	f	f	f	f	a	f	f	f	f	f	f	f
Nordergruende	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation	437.50	445.10	f	f	f	f	a	f	f	f	f	f	f	f

Sea Stacks	https://www.seastacksoffshorewind.ie/	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	Withdrawn													441.94	396.60	f	f	f	f	e	g	d	f	f	f	f	f
Strangford Lough	https://www.ocean-energy-	High - Third party project details published in the public domain	Tidal Energy	Active/In Operation													442.12	407.74	f	f	f	f	a	f	f	f	f	f	f	f
Greystones	https://greystonesoffshorewind.com/	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning													442.13	396.42	f	f	f	f	c	f	d	f	f	f	f	f
Lir (Site B)	https://liroffshorearray.ie/	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													443.26	400.59	f	f	f	f	e	f	d	f	f	f	f	f
Horns Rev II	Horns Rev 2 Offshore Wind Farm -	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													445.50	456.00	f	f	f	f	a	f	d	f	f	f	f	f
Aberdeen Offshore WindFarm Ltd	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													446.46	461.60	f	f	f	f	a	b	f	f	f	f	f	f
Latitude 52	https://dpenergy.com/project/latitude-	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Planning													449.45	401.87	f	f	f	f	c	f	d	f	f	f	f	f
Lir (Site A)	https://liroffshorearray.ie/	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In planning													449.60	408.26	f	f	f	f	c	f	d	f	f	f	f	f
North Irish Sea Array	https://northirishseaarray.ie/	High - Third party project details published in the public domain	Offshore Wind Farm	in planning (Application submitted)													449.90	409.01	f	f	f	f	c	f	d	f	f	f	f	f
Banba	https://verniaenergy.ie/projects/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In planning													450.84	402.85	f	f	f	f	e	f	d	f	f	f	f	f
Wicklow	https://wicklowoffshorewind.ie/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In planning													450.87	402.95	f	f	f	f	e	f	d	f	f	f	f	f
Codling Wind Park	https://codlingwindpark.ie/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In planning													451.10	404.40	f	f	f	f	c	f	d	f	f	f	f	f
Setanta Wind Park (formerly Braymore Point)	https://www.sserenewables.com/setan	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In planning													451.20	409.93	f	f	f	f	c	f	d	f	f	f	f	f
Milford Haven Estuary (META Phase 2) - Warrior Way	https://www.meta.wales/facilities/pha	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Tidal Energy	Active/In Operation													451.46	396.53	f	f	f	f	c	f	d	f	f	f	f	f
Codling Wind Park Extension	https://fredolsenrenewables.com/wind	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													452.53	405.34	f	f	f	f	e	f	d	f	f	f	f	f
Marine Energy Test Areas (META)	https://www.meta.wales/	High - Third party project details published in the public domain	Wave Energy	Active/In Operation													453.09	398.17	f	f	f	f	c	f	d	f	f	f	f	f
Horns Rev III		High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													453.45	464.26	f	f	f	f	c	f	d	f	f	f	f	f
Flora	https://powerplants.vattenfall.com/hor	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													454.63	469.90	f	f	f	f	e	f	d	f	f	f	f	f
Cooley Point	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Cancelled													455.04	414.91	f	f	f	f	a	f	f	f	f	f	f	f

Fanm Bugt		High - Third party project details published in the public domain	Offshore Wind Farm	Cancelled													455.75	464.68	f	f	f	f	e	g	d	f	f	f	f	f
Horns Rev I	https://powerplants.vattenfall.com/hor	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													456.20	466.30	f	f	f	f	a	f	d	f	f	f	f	f
Aspen	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain	Floating Offshore Wind Farm	In Planning													456.46	470.79	f	f	f	f	c	f	d	f	f	f	f	f
North Channel Wind 1	https://northchannelwind.com/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	In Planning													456.80	429.50	f	f	f	f	c	f	d	f	f	f	f	f
Hywind (Scotland) Ltd	https://map.4coffshore.com/offshorew	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													457.20	472.53	f	f	f	f	a	b	f	f	f	f	f	f
Beech	https://www.4coffshore.com/Windfarm	High - Third party project details published in the public domain	Floating Offshore Wind Farm	In Planning													457.40	472.80	f	f	f	f	c	c	d	f	f	f	f	f
Courseulles-sur-mer	https://map.4coffshore.com/offshorewi	High - Third party project details published in the public domain	Offshore Wind Farm	Construction													457.72	420.99	f	f	f	f	c	f	f	f	f	f	f	f
Dublin Array	https://dublinarray.com/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	In Planning (Application submitted)													460.20	414.60	f	f	f	f	c	f	d	f	f	f	f	f
Clogher Head	https://www.clogherheadwind.ie/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	In Planning													460.20	419.63	f	f	f	f	e	f	d	f	f	f	f	f
South irish Sea	https://www.southirishseawind.ie/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	In Planning													461.10	411.89	f	f	f	f	c	f	d	f	f	f	f	f
Cailleach	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Withdrawn													462.36	414.17	f	f	f	f	e	f	d	f	f	f	f	f
Milford Haven Estuary (META Phase 2) -	https://www.meta.wales/facilities/pha	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Tidal Energy	Active/In Operation													463.99	409.10	f	f	f	f	a	f	d	f	f	f	f	f
Kilmichael Point	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public	Offshore Wind Farm	In Planning													465.29	416.08	f	f	f	f	e	f	d	f	f	f	f	f
Salamander	https://simplybluegroup.com/news/pste	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Floating Offshore Wind Farm	In Planning													465.86	481.12	f	f	f	f	c	f	d	f	f	f	f	f
Oriel	https://parkwind.eu/projects/oriel-	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	In Planning													466.60	427.20	f	f	f	f	e	f	d	f	f	f	f	f
Ramsey Sound	Cambrian Offshore Ltd (cambri	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Tidal Energy	Active/In Operation													466.74	412.75	f	f	f	f	a	f	d	f	f	f	f	f
Arklow Bank 2	https://www.sserenewables.com/offsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	Concept/Early Planning													466.80	418.80	f	f	f	f	e	f	d	f	f	f	f	f
South Pembrokeshire Demonstration Zone	4C Offshore	High - Third party project details published in the public domain	Wave Energy	Concept/Early Planning													467.83	412.30	f	f	f	f	e	f	d	f	f	f	f	f
Harbour Energy North	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Floating Offshore Wind Farm	Withdrawn													468.66	483.88	f	f	f	f	e	f	d	f	f	f	f	f

Arklow Bank Phase 1	https:// www.sserenewables.com/offsh	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	Active/In Operation													472.00	423.30	f	f	f	f	a	f	d	f	f	f	f	f
Thor	https://thor.rwe.com/Home	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	Construction													473.75	485.85	f	f	f	f	c	f	f	f	f	f	f	f
Jyske Banke		High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	Withdrawn													477.50	491.30	f	f	f	f	e	g	d	f	f	f	f	f
Shelmalere	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Construction													479.65	428.74	f	f	f	f	c	f	f	f	f	f	f	f
Green Volt	https://greenvoltoffshorewind.	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Consented													482.70	497.30	f	f	f	f	c	c	d	f	f	f	f	f
Llyr 2 Cierco Ltd.,SBM Offshore N.V.	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Construction													488.50	433.20	f	f	f	f	c	f	f	f	f	f	f	f
Vesterhav Syd	https://www.power-technol	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													491.90	503.20	f	f	f	f	a	f	d	f	f	f	f	f
Marram	https://marramwind.co.uk/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Floating Offshore Wind Farm	In Planning													499.80	514.10	f	f	f	f	c	c	d	f	f	f	f	f
Llyr 1 Cierco Ltd.,SBM Offshore N.V.	https://map.4coffshore.com/of	High - Third party project details published in the public domain	Offshore Wind Farm	Construction													499.90	444.70	f	f	f	f	c	f	f	f	f	f	f	f
Erebus Floating Wind Demo		High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction													502.40	447.60	f	f	f	f	c	f	d	f	f	f	f	f
Round 5 PDA 1	https://www.thecrownestate.co.uk/ou	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													504.60	449.60	f	f	f	f	e	f	d	f	f	f	f	f
White Cross	White Cross Offshore Wind - The	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Planning													505.90	450.40	f	f	f	f	c	f	d	f	f	f	f	f
DMAP - South Coast	https://www.gov.ie/en/publication/36d	High - Third party project details published in the public domain	Offshore Renewable Energy	In Planning													508.10	455.70	f	f	f	f	e	f	d	f	f	f	f	f
Valorous	https://www.bluegemwind.com/our-	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													508.10	452.90	f	f	f	f	c	f	d	f	f	f	f	f
Round 5 PDA3	https://www.thecrownestate.co.uk/ou	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													510.50	455.00	f	f	f	f	e	f	d	f	f	f	f	f
Round 5 PDA2	https://www.thecrownestate.co.uk/ou	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													520.50	465.20	f	f	f	f	e	f	d	f	f	f	f	f
South East Wind	https://www.southwestoffshorewind.ie/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Withdrawn													522.73	470.06	f	f	f	f	e	f	d	f	f	f	f	f
Future In Constructions 03 - D	https://www.southwestoffshorewind.ie/	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													523.89	471.06	f	f	f	f	e	e	d	f	f	f	f	f
Blackwater	https://blackwateroffshorewind.com/	High - Third party project details published in the public domain and confirmed as being 'accurate' by The developer	Offshore Wind Farm	Withdrawn													523.98	471.21	f	f	f	f	e	f	d	f	f	f	f	f

Vesterhav Nord	https://www.power-technol	High - Third party project details published in the public domain	Offshore Wind Farm	Active/In Operation													525.90	538.10	f	f	f	f	a	f	d	f	f	f	f	f
Broadshore	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													534.43	549.60	f	f	f	f	c	c	f	f	f	f	f	f
Buchan	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													536.84	552.04	f	f	f	f	c	f	f	f	f	f	f	f
Scaraben	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													537.31	552.58	f	f	f	f	c	c	d	f	f	f	f	f
Caledonia	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Fixed and Floating Offshore Wind Farm	In Planning (Application submitted)													537.40	552.70	f	f	f	f	c	c	d	f	f	f	f	f
Renland	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													544.00	556.18	f	f	f	f	a	f	d	f	f	f	f	f
Nissum Bredning	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													545.70	557.89	f	f	f	f	a	f	d	f	f	f	f	f
Sinclair	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													546.69	561.97	f	f	f	f	e	c	d	f	f	f	f	f
Malin Sea Wind	https://www.dublinoffshore.ie/update	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													550.60	530.60	f	f	f	f	c	f	d	f	f	f	f	f
Machair	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning													550.60	530.60	f	f	f	f	c	f	d	f	f	f	f	f
Moray East	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													554.60	569.90	f	f	f	f	a	f	d	f	f	f	f	f
Helvick Head	https://www.4coffshore.com/windfarms	Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning													555.28	503.21	f	f	f	f	e	f	d	f	f	f	f	f
Shearwater One	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Cancelled													556.66	533.13	f	f	f	f	e	f	d	f	f	f	f	f
Moray West	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													557.20	572.20	f	f	f	f	a	c	f	f	f	f	f	f
Lillebklt Syd	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Construction													560.90	569.05	f	f	f	f	c	f	d	f	f	f	f	f
Saint-Brieuc	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													567.40	521.89	f	f	f	f	a	f	f	f	f	f	f	f
Beatrice	https://www.iberdrola.com/about-	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													567.80	583.10	f	f	f	f	a	c	d	f	f	f	f	f
Stromar	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning													568.30	583.60	f	f	f	f	c	c	d	f	f	f	f	f
TwinHub	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Consented													573.70	518.60	f	f	f	f	c	f	d	f	f	f	f	f

Inis Ealga Marine Energy Park	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													589.10	535.86	f	f	f	f	c	f	d	f	f	f	f	f
Celtic One	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Withdrawn													605.83	553.54	f	f	f	f	e	f	d	f	f	f	f	f
Ayre	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating and Fixed Offshore Wind Farm	Concept/Early Planning													606.30	621.60	f	f	f	f	c	f	d	f	f	f	f	f
Tunm Knob	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													625.30	635.15	f	f	f	f	a	f	d	f	f	f	f	f
Mejl Flak	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													626.34	636.24	f	f	f	f	a	f	d	f	f	f	f	f
Jammerbugt	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													627.78	640.55	f	f	f	f	e	f	d	f	f	f	f	f
Paludan Flak	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													629.10	638.31	f	f	f	f	c	f	d	f	f	f	f	f
Samsa	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													629.66	638.91	f	f	f	f	a	f	d	f	f	f	f	f
Emerald	https://emeraldfloatingwind.com/abou	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Floating Offshore Wind Farm	Concept/Early Planning													637.39	584.77	f	f	f	f	e	f	d	f	f	f	f	f
Pentland Floating Offshore Wind Farm	Hexicon AB / COP	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													639.80	653.10	f	f	f	f	c	f	f	f	f	f	f	f
Sprogo	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													640.38	648.70	f	f	f	f	a	f	d	f	f	f	f	f
Omo Syd	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													640.93	648.61	f	f	f	f	e	f	d	f	f	f	f	f
Jammerland Bugt		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Construction													645.13	654.01	f	f	f	f	c	e	d	f	f	f	f	f
ANIAR Offshore Array - Phase 1	Aniar Offshore Ltd	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													649.66	612.57	f	f	f	f	e	f	d	f	f	f	f	f
Rodsand II		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													658.74	666.42	f	f	f	f	a	f	d	f	f	f	f	f
West of Orkney	West of Orkney TotalEnergies N1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)													664.20	676.60	f	f	f	f	c	f	f	f	f	f	f	f
Kinsale	Inis Offshore Wind	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													664.59	612.02	f	f	f	f	c	f	d	f	f	f	f	f
ANIAR Offshore Array - Phase 2	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													667.75	631.64	f	f	f	f	e	f	d	f	f	f	f	f
Nysted		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													671.92	679.60	f	f	f	f	a	f	d	f	f	f	f	f

Trem Mkllebugt		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													676.75	687.83	f	f	f	f	c	f	d	f	f	f	f	f
Kattegat II		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													681.87	691.89	f	f	f	f	e	f	d	f	f	f	f	f
Kattegat I		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													692.32	703.53	f	f	f	f	c	f	d	f	f	f	f	f
Anholt		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													695.67	706.17	f	f	f	f	a	f	d	f	f	f	f	f
Havbredey	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													703.20	710.30	f	f	f	f	c	f	d	f	f	f	f	f
Frederikshavn Offshore		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													710.72	722.88	f	f	f	f	a	f	d	f	f	f	f	f
Hesselk		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													719.82	730.00	f	f	f	f	c	f	d	f	f	f	f	f
Spiorad na Mara	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning													722.00	721.50	f	f	f	f	c	f	d	f	f	f	f	f
Kadetbanke		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													722.19	729.87	f	f	f	f	e	f	d	f	f	f	f	f
Sceirde Rocks	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													722.90	678.70	f	f	f	f	c	f	d	f	f	f	f	f
Gennaker		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													723.16	730.84	f	f	f	f	c	f	d	f	f	f	f	f
Arven	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													730.80	745.70	f	f	f	f	c	f	d	f	f	f	f	f
EnBW Windpark Baltic 1		High - Third party project details published in the public domain and confirmed as being 'accurate' by The		Active/In Operation													734.33	742.01	f	f	f	f	a	f	d	f	f	f	f	f
Clarus	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													734.99	688.69	f	f	f	f	c	f	d	f	f	f	f	f
Talisk	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													736.60	739.80	f	f	f	f	c	f	d	f	f	f	f	f
Groix et Belle-Île			Floating Offshore Wind Farm	Cancelled													737.06	691.54	f	f	f	f	a	f	d	f	f	f	f	f
EnBW Baltic I			Offshore Wind Farm	Active/In Operation													737.87	745.55	f	f	f	f	e	f	d	f	f	f	f	f
Atlantic Marine Energy Test Site	https://www.oceanenergyireland.com/t	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													738.69	700.12	f	f	f	f	e	f	d	f	f	f	f	f
Aflandshage			Offshore Wind Farm	Dormant													739.70	747.70	f	f	f	f	e	g	d	f	f	f	f	f

Avedøre Holme		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													740.23	748.67	f	f	f	f	a	f	d	f	f	f	f	f
Krigers Flak Syd		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													742.32	750.01	f	f	f	f	a	f	d	f	f	f	f	f
Krigers Flak Nord		Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													744.00	751.68	f	f	f	f	c	f	d	f	f	f	f	f
Saint-Nazaire		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													746.80	704.40	f	f	f	f	a	f	d	f	f	f	f	f
Kriegers Flak		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													747.37	755.05	f	f	f	f	a	f	d	f	f	f	f	f
Kattegatt Syd		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													750.05	760.63	f	f	f	f	e	f	d	f	f	f	f	f
Galatea-Galene		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled													750.10	760.67	f	f	f	f	e	f	d	f	f	f	f	f
Stora Middelgrund			Offshore Wind Farm	In Construction													750.20	760.61	f	f	f	f	c	f	d	f	f	f	f	f
Moneypoint One	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													753.62	705.74	f	f	f	f	c	f	d	f	f	f	f	f
Middelgrunden		High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													755.18	763.70	f	f	f	f	a	f	d	f	f	f	f	f
Sud de la Bretagne	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													755.50	709.70	f	f	f	f	e	f	d	f	f	f	f	f
Poseidon	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													755.85	768.49	f	f	f	f	c	f	d	f	f	f	f	f
Ö287	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													756.80	764.97	f	f	f	f	e	f	d	f	f	f	f	f
Sud de la Bretagne Extension	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													756.96	711.78	f	f	f	f	c	f	d	f	f	f	f	f
Stoura	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning													758.41	773.34	f	f	f	f	e	f	d	f	f	f	f	f
Ilen	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													758.53	712.35	f	f	f	f	e	f	d	f	f	f	f	f
Ö285	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													763.03	770.71	f	f	f	f	e	f	d	f	f	f	f	f
Nordre Flint	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Construction													764.95	773.46	f	f	f	f	c	f	d	f	f	f	f	f
V317	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													765.59	776.11	f	f	f	f	e	f	d	f	f	f	f	f

EnBW Windpark Baltic 2	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The		Active/In Operation													767.47	775.16	f	f	f	f	a	f	d	f	f	f	f	f
EO3	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													767.60	775.29	f	f	f	f	e	e	d	f	f	f	f	f
Les deux oles	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Active/In Operation													771.19	729.64	f	f	f	f	e	f	d	f	f	f	f	f
Iles d'Yeu et de Noirmoutier	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	In Construction													771.27	729.72	f	f	f	f	c	e	d	f	f	f	f	f
V305	https://www.4coffshore.com/windfarms	Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning													772.21	782.70	f	f	f	f	e	f	d	f	f	f	f	f
Kattegatt Offshore	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning													772.55	783.11	f	f	f	f	c	f	d	f	f	f	f	f
Lovstaviken	https://www.4coffshore.com/windfarms	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation													784.43	795.04	f	f	f	f	a	f	d	f	f	f	f	f

Offshore Cumulative Effects Assessment Matrix - Shipping

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOW offshore construction period) 2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
Grimsby	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													71.91	44.86	f	f	f	a	-	f	f	f	f	f	c	d
Immingham	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													81.18	54.70	f	f	f	a	a	f	f	f	f	f	f	d
Kingston upon Hull	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													89.00	68.29	f	f	f	a	a	f	f	f	f	f	f	d
New Holland	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													93.18	67.59	f	f	f	a	-	f	f	f	f	f	f	d
Bridlington	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													99.35	97.88	f	f	f	a	-	f	f	f	f	f	f	d
Wisbech	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													110.11	65.44	f	f	f	a	a	f	f	f	f	f	f	d
Goole	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													123.65	91.59	f	f	f	a	a	f	f	f	f	f	f	d
Scarborough	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													124.36	123.84	f	f	f	f	-	f	f	f	f	f	f	d
Howdendyke	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													127.44	96.37	f	f	f	a	-	f	f	f	f	f	f	d
Harwich	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													169.75	153.21	f	f	f	f	a	f	f	f	f	f	f	d
Whitby	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													149.77	149.93	f	f	f	f	-	f	f	f	f	f	f	d
Felixstowe	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													169.86	153.38	f	f	f	f	a	f	f	f	f	f	f	d
Teesport	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													187.02	182.35	f	f	f	f	a	f	f	f	f	f	f	d
Hartlepool	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													193.10	188.78	f	f	f	f	-	f	f	f	f	f	f	d
Colchester	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													177.94	154.54	f	f	f	f	-	f	f	f	f	f	f	d
Ipswich	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													158.49	141.18	f	f	f	f	a	f	f	f	f	f	f	d
Lowestoft	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													116.44	102.47	f	f	f	f	a	f	f	f	f	f	f	d
Gravesend	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													231.73	199.41	f	f	f	f	-	f	f	f	f	f	f	d
Great Yarmouth	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													101.8	88.6	f	f	f	a	-	f	f	f	f	f	f	d

London	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the developer.	N/A	Active													234.61	195.97	f	f	f	f	a	f	f	f	f	f	f	d
King's Lynn	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the developer.	N/A	Active													93.46	54.79	f	f	f	a	a	f	f	f	f	f	f	d
Boston	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the developer.	N/A	Active													92.68	39.28	f	f	f	a	a	f	f	f	f	f	c	d
Manchester	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the developer.	N/A	Active													217.95	174.37	f	f	f	f	a	f	f	f	f	f	f	d
Tilbury	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being ‘accurate’ by the developer.	N/A	Active													230.39	197.54	f	f	f	f	a	f	f	f	f	f	f	d