

Outer Dowsing Offshore Wind

Environmental Statement

Appendix 5.2 Offshore Cumulative Effects Assessment Methodology

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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 accommodation platforms, offshore transformer substations and associated cabling will be positioned.
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 overriding 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)	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	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) (DESNZ, 2023a) and the NPS for Renewable Energy Infrastructure NPS (EN-3) (DESNZ, 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 **Error! Reference source not found.** 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 Planning 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
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 2.1.12</p>	<p>The ES should include a plan to show the location of other OWFs, built, consented and proposed, in relation to the Project</p>	<p>The Project will ensure a figure of the OWFs in the area in proximity to the Project is included.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.1.2</p>	<p>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.</p> <p>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.</p>	<p>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.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.1.8</p>	<p>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.</p>	<p>The Project have commenced ETG meetings and consulted on proposed methodologies and received feedback.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.2.3</p>	<p>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.</p> <p>The Scoping Report has not identified other projects or plans that could act cumulatively with respect to sediment-bound contaminant release.</p>	<p>The Project have scoped out the impact of cumulative released sediment-bound contaminants.</p>

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 Planning 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 Planning 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 Planning 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 Planning 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	<p>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.</p> <p>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.</p>	
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.5.10</p>	<p>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.</p>	<p>The Project will assess the cumulative effects of multiple drilling or noisy events on the Southern North Sea SAC.</p> <p>The Project will also produce an SIP alongside the application.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.6.3</p>	<p>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.</p> <p>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</p>	<p>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.</p>

ID	Inspectorate's comments	Response/ action
	the potential for 'minor' effects to combine to produce a cumulative, significant effect.	
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.9.5</p>	<p>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.</p>	<p>The Project will clearly set out assumptions made with regards to the baseline</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.11.9</p>	<p>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.</p>	<p>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.</p> <p>Additionally, the Project have scoped out the cumulative effects of Hornsea Projects One, Two and Three.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.22.5</p>	<p>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.</p>	<p>The Project will assess the EMF levels likely to be produced and where negligible, they will be scoped out of the assessments.</p>
<p>Scoping Opinion (The Planning Inspectorate, 9 September 2022)</p> <p>Comment ID 3.22.8</p>	<p>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</p>	<p>The Project will assess the non- radioactive effects on human health where there is likely to be a significant effect.</p>

ID	Inspectorate's comments	Response/ action
	available on the design/route of the Project and likely effects and receptors. For clarity, the 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 Planning 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	Comment - cumulative Effects Assessment – there is no key for the screening categories (a-g) used within the Offshore Cumulative Effects Assessment Matrices.	The Applicant has included a key for the screening categories included within

ID	Inspectorate's comments	Response/ action
England 20th July 2023	Recommendation - The submitted ES should include a key to show what a-g indicates for each environmental receptor within the Offshore Cumulative Effects Assessment Matrices so it is possible to see how they have been categorised for offshore ornithology.	the cumulative effects matrices.

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 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 (Zol) 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 Zol 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 Zol.

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
<ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ 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
	<ul style="list-style-type: none"> ▪ 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.

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Walker and Johnston (1999) Guidelines for the Assessment of Indirect and Cumulative Impacts as well as Impact Interactions. Available at: <https://ec.europa.eu/environment/archives/eia/eia-studies-and-reports/pdf/guidel.pdf> [Accessed: February 2024]

5.6 Annex A – Offshore Cumulative Effects Longlist

	No longer operational
	Concept/In Planning/Consenting/Pre-Construction
	Construction
	No Construction Data Available - Assumed to Worst Case Scenario to Coincide with ODOW
	Operation and Maintenance
	Decommissioning

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

Cumulative Effects Assessment Matrix - Data Sources

Data	Data Source	Date
Cables and Pipelines	O&G Authority / NSTA / KISORCA / GoBe Compiled Dataset	Jan-24
Aggregates and Disposal	The Crown Estate / CEFAS	Jan-24
Oil and Gas	O&G Authority / NSTA	Jan-24
Offshore Energy	The Crown Estate / Crown Estate Scotland / EMODnet / 4COffshore	Jan-24
Military, Aviation and Radar	NATS	Jan-24
Coastal	World Ports Index (WPI)	Jan-24
Carbon Capture Storage	The Crown Estate	Jan-24
Onshore		

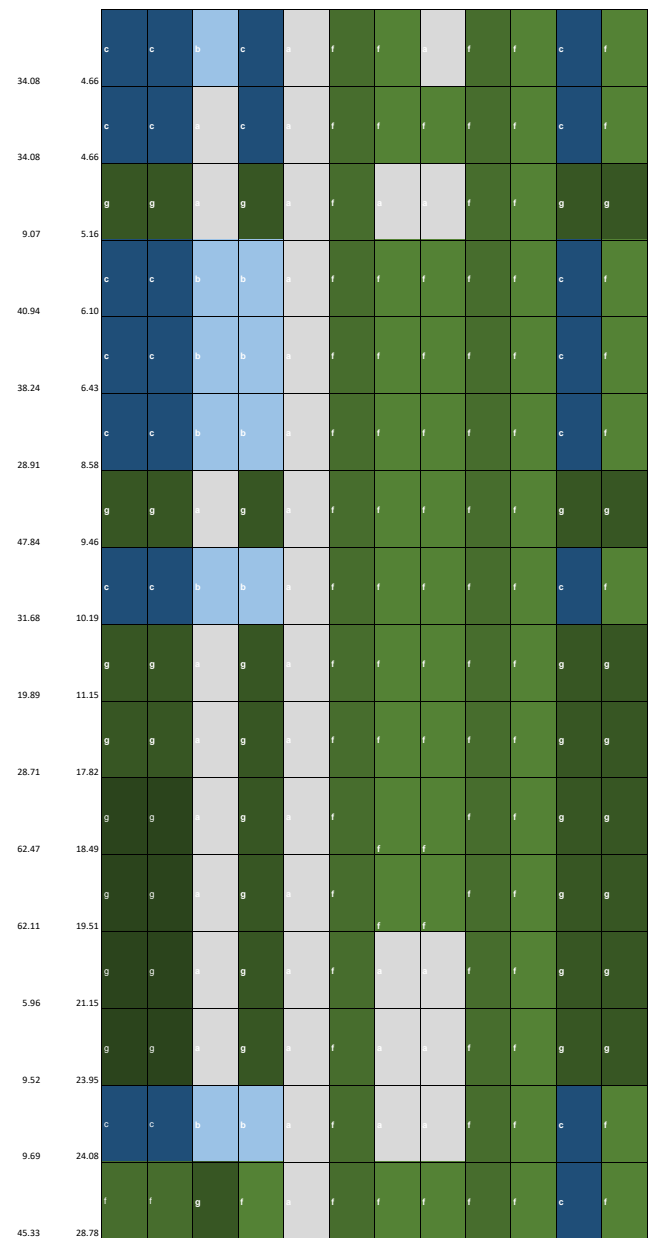
Project type	Screening Range (km)
Aggregates and Disposal	50
Offshore Energy	500
Cables and Pipelines	50
Oil and Gas	200
Shipping	200
Military, Aviation and Radar	200

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 ODOV 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																		
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														176.29	163.51	f	f	g	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														173.30	158.62	f	f	g	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														172.28	155.71	f	f	g	f	a	f	f	a	f	f	f	f			
D138B SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														197.39	178.78	f	f	g	f	a	f	f	a	f	f	f	f			
D138A SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														201.09	180.26	f	f	g	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	159.98	f	f	g	f	a	f	f	a	f	f	f	f			
D138 SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														206.22	183.40	f	f	g	f	a	f	f	a	f	f	f	f			
D138C SHOEBURYNNESS	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active														205.51	182.57	f	f	g	f	a	f	f	a	f	f	f	f			
D136 SHOEBURYNNESS	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														216.95	191.24	f	f	g	f	a	f	f	a	f	f	f	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														105.95	78.18	f	f	g	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	134.69	f	f	g	f	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														78.99	33.83	f	f	g	f	a	f	f	a	a	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																		232.92	181.28	f	f	g	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																			195.40	203.74	f	f	g	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																			195.40	203.74	f	f	g	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																			197.35	203.74	f	f	g	f	a	f	f	a	f	f	f	f	
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																			0.00	6.50	f	f	g	f	a	f	f	a	f	f	d	d	
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	40.94	f	f	g	f	a	f	f	a	f	f	d	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	g	f	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	g	f	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																			77.78	78.18	f	f	g	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																			131.04	127.64	f	f	g	f	a	f	a	a	a	f	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	127.64	f	f	g	f	a	f	a	a	f	f	f	f	

Inner Dowsing	Van Oord Ltd (481/2)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
Inner Dowsing	Tarmac Marine Ltd (481/2)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
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																	
Humber Overfalls	Tarmac Marine Ltd (493)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
Off Saltfleet	Tarmac Marine Ltd (197)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
Humber Estuary	Hanson Aggregates Marine Ltd (106/2)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
HU116	Pickerrill Field	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site																		
Humber Estuary	Hanson Aggregates Marine Ltd (106/1)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	
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																	
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																	
HU125		Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site																		
HU120	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																	
HU209	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																	
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																	
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																	
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 sandwedge clearance until completion - completed 2019																	
Humber 1	CEMEX UK Marine Ltd (514/1)	https://opendata.thecrownstate.opw.nsw.gov.au/dataset/685a9d9c2a-a84870b07047311-b7dec56	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation																	



Offshore Cumulative Effects Assessment Matrix - Cables and Pipelines

Project	Data Confidence Assessment	Notes	Status of Development	Construction Period (red outline denotes ODOV offshore construction period)													Distance from the array area (km)	Distance from the Offshore Export Cable Assembly (km)	Physical Processes	Water and Sediment Quality	Benthic and Interstitial 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															
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
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	g	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	g	a	f	a	a	f	a	g	a
NSTA Pipeline: Lancelot Tee to Galahad Tee	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Chemical	Not in use														0.0	0.0	d	d	d	g	a	f	a	a	f	a	g	a
NSTA Pipeline: Galahad Tee to Malory	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Chemical	Not in use														0.0	0.0	d	d	d	g	a	f	a	a	f	a	g	a
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	a	g	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	b	a	f	a	a	f	a	c	a
NSTA Pipeline: Pickerill A to Theddlethorpe	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Chemical	Not in use														0.0	0.0	d	d	d	g	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	2.2	d	d	a	g	a	f	a	a	f	a	g	a
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	g	a	f	a	a	f	a	g	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	a	g	a	f	a	a	f	a	g	a
NSTA Pipeline: Murdoch MD MECH LINE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas (methanol)	Not in use														0.7	2.4	d	d	d	g	a	f	a	a	f	a	g	a

Theddlethorpe to Murdoch MD Gas line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused												0.7	2.3	d	d	a	g	a	f	a	a	f	a	g	a
Theddlethorpe to Murdoch MD Meoh Line (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused												0.7	2.3	d	d	a	g	a	f	a	a	f	a	g	a
NSTA Pipeline: 16" Gas Barque PB - Clipper PT	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas	Active												0.91	8.6	c	c	a	b	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	b	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	g	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	b	a	f	a	a	f	a	c	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	b	a	f	a	a	f	a	c	f
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												5.83	17.69	c	c	a	b	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	b	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	b	a	f	a	a	f	a	c	f
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												6.76	18.12	c	c	a	b	a	f	c	a	f	a	c	f
Lancelot to Guinevere Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused												8.1	1.2	d	d	a	g	a	f	a	a	f	a	g	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	1.2	d	d	a	g	a	f	a	a	f	a	g	f
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												8.3	25.1	c	c	a	b	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												8.4	25.1	c	c	a	b	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											8.4	22.3	d	d	a	g	a	f	a	a	f	a	g	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											9.2	25.8	c	c	a	b	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											9.2	25.9	d	d	a	g	a	f	a	a	f	a	g	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	a	g	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	b	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											10.5	27.3	c	c	a	b	a	f	a	a	f	a	c	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	Disused											10.5	27.3	d	d	a	g	a	f	a	a	f	a	g	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											10.6	27.3	c	c	a	b	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											10.6	27.3	d	d	a	g	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											10.6	27.4	c	c	a	b	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	b	a	f	a	a	f	a	c	f
Loggs PP to Theddlethorpe Gas Line (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	g	a	f	a	a	f	a	g	a
LOGGS PP To Theddlethorpe gas line	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Gas	Not in use											10.7	0	d	d	d	g	a	f	a	a	f	a	g	a
Loggs PP to Theddlethorpe Meoh Line (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	g	a	f	a	a	f	a	g	a

Viking AR to Theddlethorpe Gas Line (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	g	a	f	a	a	f	a	a	g	a
Viking AR to Theddlethorpe Meoh Line (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	g	a	f	a	a	f	a	a	g	a
Meg Clipper PR 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	g	b	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	a	c	f
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	g	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	a	c	f
Ensign NPAl 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	g	a	f	a	a	f	a	a	g	f
Audrey WD to Ensign NPAl 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	g	a	f	a	a	f	a	a	g	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											14.97	20.64	f	f	g	b	a	f	a	a	f	a	a	c	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	g	b	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	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	g	b	a	f	a	a	f	a	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	g	b	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	g	b	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																	15.3	3.4	d	d	a	a	a	f	a	a	f	a	g	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																	15.27	0.00	c	c	a	a	a	f	a	a	f	a	c	a
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	g	a	a	f	a	a	f	a	g	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																	16.7	28.2	d	d	g	g	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	g	f	a	f	a	a	f	a	c	f
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	g	f	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																	18.5	32.7	d	d	g	g	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																	18.5	32.7	d	d	g	g	a	f	a	a	f	a	g	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																	19.16	25.51	f	f	g	f	c	f	c	f	f	f	c	f
Loggs PP to Anglia YD Gas Line (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	g	g	a	f	a	a	f	a	g	f
Loggs PP to Anglia YD Meoh Line (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	g	g	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																	20.0	28.5	d	d	g	g	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	g	g	a	f	a	a	f	a	g	f
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											29.31	3.63	c	c	a	b	a	f	a	a	f	a	c	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	In Planning											29.7	22.1	f	f	g	d	e	f	a	f	f	f	c	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	In Planning											29.7	22.2	f	f	g	d	e	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	g	g	a	f	a	a	f	a	g	f
Audrey WD to Loggs PP Gas (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	g	g	a	f	a	a	f	a	g	f
Audrey WD to Loggs PP Meoh (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	g	g	a	f	a	a	f	a	g	f
Ceres 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											32.2	46.1	f	f	g	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											32.2	46.1	f	f	g	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	d	d	g	g	a	f	a	a	f	a	g	f
Saturn to Tethys (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	d	d	g	g	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											33.7	40.0	d	d	g	g	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											33.7	40.0	d	d	g	g	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	g	g	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	g	g	a	f	a	a	f	a	g	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	g	g	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														34.2	40.0	d	d	g	g	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														34.2	40.0	d	d	g	g	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	g	g	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	g	g	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	g	g	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	g	g	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	g	g	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	g	g	a	f	a	a	f	a	g	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	g	g	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	g	g	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	g	g	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	g	g	a	f	a	a	f	a	g	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																		34.8	46.4	f	f	g	f	a	f	a	a	f	a	c	f	
Horsea 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	Consented																			38.63	52.96	f	f	g	f	c	f	c	f	f	f	c	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																			39.2	56.2	f	f	g	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	g	f	a	f	a	a	f	a	c	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																			39.95	23.06	f	f	g	f	a	f	a	a	f	a	c	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	g	g	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	g	g	a	f	a	a	f	a	g	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																			41.9	48.6	d	d	g	g	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	g	g	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																			44.2	60.8	f	f	g	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																			44.2	60.8	f	f	g	f	a	f	a	a	f	a	c	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																			44.3	61.0	f	f	g	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																			44.3	61.0	f	f	g	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																			44.4	61.0	f	f	g	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	g	g	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	g	g	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	g	g	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	g	g	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																		46.0	42.8	d	d	g	g	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																		46.1	62.8	f	f	g	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																		46.5	63.3	f	f	g	f	a	f	a	a	f	a	c	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																		46.9	54.4	d	d	g	g	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																		46.9	54.4	d	d	g	g	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																		47.2	63.2	d	d	g	g	a	f	a	a	f	a	g	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																		47.2	54.1	f	f	g	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																		47.3	43.8	d	d	g	g	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	g	g	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	g	g	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	g	g	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	g	g	a	f	a	a	f	a	g	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	g	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	45.3	d	d	g	d	e	f	a	f	f	f	c	f
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																									49.4	44.3	f	f	g	f	a	f	a	a	f	a	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																									49.6	56.6	d	d	g	g	a	f	a	a	f	a	g	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	g	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	g	f	a	f	a	a	f	a	c	f
Peterhead to South Humber (E4L5)	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	National Grid	Proposed																									49.97	17.23	f	f	g	f	a	f	c	f	f	i	c	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																									50.39	4.23	c	c	a	b	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																									52.14	39.29	f	f	g	f	a	f	a	a	f	a	c	f
South East Scotland to South Humber	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	National Grid	Proposed																									52.78	17.23	f	f	g	f	a	f	c	f	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																									53.35	5.37	c	c	a	b	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																									54.24	12.25	c	c	a	b	a	f	a	a	f	a	c	f
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																									55.28	8.85	c	c	a	b	a	f	a	a	f	a	c	f

WEST SOLE B	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				12.2	27.3	d	c	a	d	a	a	a	a	a	a	a	a	a	c	a
CLIPPER PH	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				14.8	20.4	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
CLIPPER PW	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				14.8	20.5	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
CLIPPER PT	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				14.9	20.5	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
CLIPPER PC	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				14.9	20.6	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
CLIPPER PR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				15.0	20.7	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
CLIPPER PM	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				15.0	20.6	d	c	g	d	a	a	a	a	a	a	a	a	c	a	
WAVENEY	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				15.2	7.0	d	c	a	d	a	a	a	a	a	a	a	a	c	a	
ENSIGN PLATFORM	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																				16.2	23.9	g	g	g	g	a	a	a	a	a	a	a	a	a	g	a
WEST SOLE C	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				16.4	31.7	d	c	g	f	a	a	a	a	a	a	a	a	a	c	a
GALLEON PG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				16.8	24.1	f	f	g	f	a	a	a	a	a	f	a	a	c	a	
AMETHYST A2D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				17.5	29.5	f	f	g	f	a	a	a	a	a	a	a	a	g	a	
48/9A MIMAS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension																				19.2	32.7	f	f	g	f	a	a	a	a	a	f	a	a	g	f	
ANGLIA YD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				19.8	21.6	f	f	g	f	a	a	a	f	f	a	a	c	f		
ANGLIA A	GDF BRITAIN	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				19.8	21.6	f	f	g	f	a	a	a	f	f	a	a	c	f		
HOTON	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				20.1	34.8	f	f	g	f	a	a	a	a	f	a	a	c	f		
AMETHYST A1D	BP EXPLORATION	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																				20.9	28.5	f	f	g	f	a	a	a	f	f	a	a	g	f		
CLIPPER SOUTH	RWE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																				21.4	26.1	f	f	g	f	a	a	a	f	f	a	a	c	f		

HYDE	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															23.2	38.5	f	f	g	f	a	a	a	f	f	a	c	f	
SKIFF PS	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															24.4	30.6	f	f	g	f	a	a	a	f	f	a	c	f	
GALLEON PN	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															25.9	32.5	f	f	g	f	a	a	a	f	f	a	c	f	
AUDREY B (XW)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															28.3	35.9	f	f	g	g	a	a	a	f	f	a	g	f	
SATURN ND	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															28.7	38.3	f	f	g	g	a	a	a	f	f	a	g	f	
Amethyst C1D	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																													
																			29.70	33.94	g	g	g	g	a	a	a	f	f	a	g	f	
AUDREY A (WD)	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															31.0	38.5	g	g	g	g	a	a	a	f	f	a	g	f	
49/11B TETHYS	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															36.1	43.8	f	f	g	g	a	a	a	f	f	a	g	f	
Babbage	NEO ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															37.3	51.7	f	f	g	f	a	a	a	f	f	a	c	f	
NORTH VALIANT 2	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															38.2	43.7	g	g	g	g	a	a	a	f	f	a	g	f	
VANGUARD	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension															41.3	47.3	g	g	g	g	a	a	a	f	f	a	g	f	
SOUTH VALIANT	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - in cold suspension															43.7	48.9	g	g	g	g	a	a	a	f	f	a	g	f	
VULCAN 1	CONOCOPHILLIPS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE															45.0	49.0	g	g	g	g	a	a	a	f	f	a	g	f	
Ravenspurn North CC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																													
																			46.32	61.06	f	f	g	f	a	a	a	f	f	a	c	f	
Ravenspurn North CCW	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																													
																			46.35	61.09	f	f	g	f	a	a	a	f	f	a	c	f	
Neptune	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																													
																			47.62	62.79	f	f	g	f	a	a	a	f	f	a	c	f	
Rough AP	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																													
																			47.84	54.13	f	f	g	g	a	a	a	f	f	a	g	f	
Rough AD	CENTRICA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																													
																			47.86	54.09	f	f	g	g	a	a	a	f	f	a	g	f	

LEMAN G	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																59.41	62.52	f	f	g	f	h	i	j	k	f	f	h	f	f
Schooner A	DNO NORTH SEA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																59.84	73.74	g	g	g	g	h	i	j	k	f	f	h	g	f
48/29A-P	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																59.86	55.93	f	f	g	f	h	i	j	k	f	f	h	f	f
48/29A-Q	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																59.87	56.00	f	f	g	f	h	i	j	k	f	f	h	f	f
48/29A-FTP	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																59.92	55.94	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AK	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.86	65.89	f	f	g	f	h	i	j	k	f	f	h	f	f
52/5A	PETROFAC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.87	59.93	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.88	65.92	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AC	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.88	65.92	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AD1	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.89	65.91	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.91	65.94	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.91	65.94	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN AD2	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																62.92	65.96	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN CD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																63.67	66.92	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN CP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																63.69	66.95	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN BT	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																65.79	69.02	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN BD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																66.40	69.61	f	f	g	f	h	i	j	k	f	f	h	f	f
LEMAN BP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																66.42	69.64	f	f	g	f	h	i	j	k	f	f	h	f	f

Tolmount	HARBOUR ENERGY PLC	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															66.47	78.17	g	g	g	f	h	a	3	f	f	h	f	f
INDE BD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															66.78	73.52	f	f	g	f	h	a	3	f	f	h	f	f
INDE BP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															66.81	73.55	f	f	g	f	h	a	3	f	f	h	f	f
INDE D	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															68.40	74.51	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN E	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															68.58	71.62	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN EP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															68.84	72.07	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN ED	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															68.84	72.06	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN AX	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.34	73.64	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.38	73.68	f	f	g	f	h	a	3	f	f	h	f	f
Leman 27 AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.39	73.68	f	f	g	f	h	a	3	f	f	h	f	f
Leman 27 AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.39	73.67	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.39	73.67	f	f	g	f	h	a	3	f	f	h	f	f
Leman 27 AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.39	73.67	f	f	g	f	h	a	3	f	f	h	f	f
INDE AD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.48	77.08	f	f	g	f	h	a	3	f	f	h	f	f
INDE AP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															70.51	77.12	f	f	g	f	h	a	3	f	f	h	f	f
Kilmar Nui	ALPHA PETROLEUM	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															71.44	86.35	f	f	g	f	h	a	3	f	f	h	f	f
LEMAN J	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE															71.62	74.67	f	f	g	f	h	a	3	f	f	h	f	f

INDE AT	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.18	78.54	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v		
INDE AQ	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.20	78.57	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v		
INDE AC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.20	78.56	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN D	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.32	75.03	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	
INDE CP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.35	78.60	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
INDE CD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.37	78.62	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
trent	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.77	88.34	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
BESSEMER A	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.82	78.14	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
Leman 27 BC	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.83	76.34	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN BT	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.89	76.40	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN BP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.90	76.40	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN BD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																72.91	76.41	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
CUTTER QC	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																73.40	81.08	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN CP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																73.73	76.92	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x
LEMAN CD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																73.74	76.93	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x

LEMAN H	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																			73.92	76.75	f	f	g	f	h	i	3	f	f	h	f	f				
GARROW NUI	ALPHA PETROLEUM UK HOLDINGS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																					74.10	88.84	f	f	g	f	h	i	3	f	f	h	f	f		
49/28-8 Bure O	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	WELLHEAD	NOT IN USE																						74.26	78.85	f	f	g	h	i	3	f	f	h	f	f		
BRIGANTINE BG	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																						75.07	81.96	f	f	g	f	h	i	3	f	f	h	f	f	
LEMAN FD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							75.11	78.66	f	f	g	f	h	i	3	f	f	h	f	f
LEMAN FP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							75.13	78.69	f	f	g	f	h	i	3	f	f	h	f	f
BRIGANTINE BR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							77.03	84.13	f	f	g	f	h	i	3	f	f	h	f	f
LEMAN DP	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							78.20	81.70	f	f	g	f	h	i	3	f	f	h	f	f
LEMAN DD	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							78.20	81.70	f	f	g	f	h	i	3	f	f	h	f	f
LEMAN G	PERENCO	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							78.47	82.27	f	f	g	f	h	i	3	f	f	h	f	f
Corvette CV	SHELL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							79.07	84.90	f	f	g	f	h	i	3	f	f	h	f	f
Boulton	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																							79.12	93.66	f	f	g	g	h	i	3	f	f	h	f	f
Ketch	DNO NORTH SEA	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE																							79.70	91.34	g	g	g	g	h	i	3	f	f	h	g	f
CARRACK QA	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE																							82.60	90.14	f	f	g	f	h	i	3	f	f	h	f	f
THAMES A	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - removed																							83.35	88.03	f	f	g	g	h	i	3	f	f	h	f	f

THAMES AR	EXXONMOBIL	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE - removed														83.45	88.13	f	f	g	g	h	i	j	k	l	m	n	o	p	q	r	s
Windermere	INEOS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														87.17	95.01	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
Murdoch Accomodation	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														87.81	101.84	g	g	g	g	h	i	j	k	l	m	n	o	p	q	r	s
Murdoch Compression	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														87.89	101.92	g	g	g	g	h	i	j	k	l	m	n	o	p	q	r	s
Murdoch Drilling	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														87.96	102.00	g	g	g	g	h	i	j	k	l	m	n	o	p	q	r	s
GROVE PLATFORM	VENTURE	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														88.80	96.48	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
Chiswick	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														89.2	98.5	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
CARAVEL QR	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														90.43	97.55	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
SHAMROCK QS	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														91.57	98.83	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
SEAN PD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														91.82	97.92	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
Cavendish	INEOS	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														93.31	108.88	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
ST-1	SPIRIT ENERGY	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	REMOVED														93.59	101.38	g	g	g	g	h	i	j	k	l	m	n	o	p	q	r	s
SEAN PP	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														95.54	101.49	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
SEAN RD	SHELL UK	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	ACTIVE														95.57	101.53	f	f	g	f	h	i	j	k	l	m	n	o	p	q	r	s
44/23A KelMin TM	CHRYSAOR	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	PLATFORM	NOT IN USE														100.09	113.88	g	g	g	g	h	i	j	k	l	m	n	o	p	q	r	s

Gunfleet Sands Demo	https://open-data.thecrownestate.opendata.arcgis.com/datasets/72d1b66b0c5416e936997743f387b1	High - Third party project details published in the public domain and confirmed as being accurate	Offshore Wind Farm	Active/In Operation																	195.88	177.50	f	f	g	f	d	b	f	f	f	f	f	
London Array	https://open-data.thecrownestate.opendata.arcgis.com/datasets/72d1b66b0c5416e936997743f387b1	High - Third party project details published in the public domain and confirmed as being accurate	Offshore Wind Farm	Active/In Operation																	198.30	182.14	f	f	g	f	d	b	f	f	f	f	f	
Hollandse Kust (Noord)	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate	Offshore Wind Farm	Active/In Operation																	198.90	204.56	f	f	g	f	d	c	f	f	f	f	f	
HKN Kavel V	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	199.15	204.74	f	f	g	f	d	c	f	f	f	f	f	
Prinses Amalia Windpark	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	205.38	210.70	f	f	g	f	d	f	f	f	f	f	f	
Hollandse Kust (Zuid)	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	medium - Third party project details published in the public domain but not confirmed as being accurate	Offshore Wind Farm	Active/In Operation																	205.68	210.12	f	f	g	f	d	f	c	f	f	f	f	
Hollandse Kust Zuid Holland III	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	209.23	213.48	f	f	g	f	d	f	c	f	f	f	f	
NSW Offshore windpark Egmond aan Zee	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	213.08	218.61	f	f	g	f	d	f	f	f	f	f	f	
WP Q10 / Eneco Luchterduinen	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	213.98	218.76	f	f	g	f	d	f	f	f	f	f	f	
HKZ Kavel IV	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	215.02	219.46	f	f	g	f	d	f	c	f	f	f	f	
Mermaid	https://www.ocean-energy-systems.org/ocean-energy/gis-map-tool/	Medium - Third party project details published in the public domain but not confirmed as being accurate	Hybrid Wave/Wind Energy	In Planning																	215.52	207.14	g	g	g	f	d	b	f	a	f	f	f	f
Borssele Kavel IV	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	215.80	208.11	f	f	g	f	d	f	f	f	f	f	f	
HKZ Kavel III	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Under Construction																	216.07	220.15	f	f	g	f	d	f	c	f	f	f	f	
Borssele Kavel I	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	218.20	213.73	f	f	g	f	d	f	f	f	f	f	f	
Northwester 2	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	219.27	211.16	f	f	g	f	d	f	f	f	f	f	f	
Belwind phase 2 (Nobelwind) (Zone 1)	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.7178&wfId=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation																	219.70	212.05	f	f	g	f	d	f	f	f	f	f	f	

Robin Rigg West	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														335.55	310.99	f	f	g	d	e	f	f	f	f	f	f	f	f
Harbour Energy South	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	No Construction Data Available														336.33	351.89	g	g	f	d	e	f	f	f	f	f	f	f	
Morven BP E1	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														336.41	351.69	f	f	g	d	c	f	f	f	f	f	f	f	
Alpha Ventus	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														336.75	344.41	f	f	g	d	e	f	f	f	f	f	f	f	
Moorl Vannin	https://orsted.im/moorlvannin	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Pre-planning Application														338.84	306.13	f	f	f	d	c	f	f	f	f	f	f	f	
Nordsen III vest	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Under Construction														344.59	356.82	f	f	g	d	c	f	f	f	f	f	f	f	
Nordsee One	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														346.26	353.91	f	f	g	d	e	f	f	f	f	f	f	f	
Nordsee Cluster B - N-3.6	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														346.73	354.38	f	f	g	d	c	f	f	f	f	f	f	f	
Nordsee Cluster B - N-3.5	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														350.97	358.62	f	f	g	d	c	f	f	f	f	f	f	f	
Cedar	https://ceruleanwinds.com/erulean-winds-kicks-starts-route-to-net-zero-oil-and-gas-production/	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														351.29	366.17	f	f	f	d	c	f	f	f	f	f	f	f	
Nordsee Cluster A - N-3.8	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														352.80	360.47	f	f	g	d	c	f	f	f	f	f	f	f	
Neart Na Gaoithe Offshore Wind	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Under Construction														358.61	363.02	f	f	g	d	e	f	f	f	f	f	f	f	
Gode Wind 01	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														359.30	366.95	f	f	g	d	e	f	f	f	f	f	f	f	
Bellrock	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Under Construction														359.92	374.38	g	g	g	d	e	f	f	f	f	f	f	f	
Gode Wind 02	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														360.42	368.09	f	f	g	d	e	f	f	f	f	f	f	f	
Perpetuus Tidal Energy Centre (PTEC)	https://perpetuustidal.com/the-project-to-date/timeline/	Medium - Third party project details published in the public domain but not confirmed as being accurate	Tidal Energy	Under Construction														362.09	317.50	f	f	g	d	c	f	f	f	f	f	f	f	
Dieppe - Le Treport	https://map.4coffshore.com/offshorewind/index.aspx?lat=56.5978&lon=-1.717&wfid=UK44	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														362.44	340.30	f	f	g	d	c	f	f	f	f	f	f	f	
Nordsen II vest	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Under Construction														362.83	374.76	f	f	g	d	c	f	f	f	f	f	f	f	
N-3.7	4C Offshore	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning														364.80	372.46	f	f	g	d	c	f	f	f	f	f	f	f	
Seagreen (Bravo)	https://www.seagreenwindenergy.com/history	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	Active/In Operation														366.10	377.93	f	f	g	d	e	c	f	f	f	f	f	f	

Dogger Bank D	https://opendata-the-crownestate.opendata.arcgis.com/datasets/2a1be6fb0c5416e9369f97743f587b1/explorer	High - Third party project details published in the public domain and confirmed as being accurate by The Crown Estate	Offshore Wind Farm	In Planning																																														
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CS012	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.38	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																502.35	517.61	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	
CS013	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.37	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																873.55	888.84	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	
CS014	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.38	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																854.98	870.27	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	
CS015	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.38	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																842.49	857.70	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS016	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.40	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																851.44	866.69	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS017	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.41	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																5.60	19.38	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c		
CS018	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.42	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																2.54	17.27	c	c	c	c	c	c	c	c	c	c	c	c	f	f	c	c	c	c	
CS019	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.43	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																69.94	71.62	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS020	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.44	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																71.97	87.43	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS021	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.45	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																110.72	124.61	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS022	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.46	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																78.43	91.97	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f	f
CS023	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.47	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area																27.99	33.97	f	f	f	f	c	f	f	c	f	f	f	f	f	f	c	f	f	f	f

CS024	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.49	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area												21.80	29.48	f	f	f	c	f	f	c	f	f	f	c	f		
CS025	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.49	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area												68.82	83.71	f	f	f	f	f	f	f	f	f	f	f	f		
CS026	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.50	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area												83.96	90.06	f	f	f	f	f	f	f	f	f	f	f	f		
CS027	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.51	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area												59.52	66.56	f	f	f	f	f	f	f	f	f	f	f	f		
CS028	https://opendata-nstauthority.hub.arcgis.com/datasets/45c438c321754c9f87ea34c70c3a8020_0/explorer?location=53.863086%2C0.882460%2C7.52	Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Carbon Capture and Storage Lease Area	Licence area												10.19	0.00	c	c	c	c	c	c	c	c	c	c	f	f	c	c

