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

Terminology

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

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

Term	Definition
Preliminary	The PEIR was written in the style of a draft Environmental Statement
Environmental	(ES) and provided information to support and inform the statutory
Information Report (PEIR)	consultation process during the pre-application phase.
Receptor	A distinct part of the environment on which effects could occur and can be the subject of specific assessments. Examples of receptors include species (or groups) of animals or plants, people (often categorised further such as 'residential' or those using areas for amenity or recreation), watercourses etc.
The Applicant	GTR4 Limited (a joint venture between Corio Generation (and its
	affiliates), TotalEnergies and Gulf Energy Development), trading as
	Outer Dowsing Offshore Wind
The Planning	The agency responsible for operating the planning process for
Inspectorate	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	A structure comprising a tower, rotor with three blades connected at
(WTG)	the hub, nacelle and ancillary electrical and other equipment which
	may include J-tube(s), transition piece, access and rest platforms,
	access ladders, boat access systems, corrosion protection systems,
	fenders and maintenance equipment, helicopter landing facilities and
	other associated equipment, fixed to a foundation

Reference Documentation

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

5 Offshore Cumulative Effects Assessment

5.1 Introduction

5.1.1 Introduction

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

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

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

5.1.2 Purpose and Structure of this Document

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

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

5.2 Policy Context, Legislation, Guidance and Standards

- 10. The Planning Act 2008 underpins the consenting regime for certain types of development classed as Nationally Significant Infrastructure Projects (NSIPs).
- 11. The Project is classed as an NSIP and requires a development consent order from the Secretary of State (SoS) for the Department for Energy Security and Net Zero (DESNZ) (formerly Department of Business, Energy and Industrial Strategy (BEIS)) made pursuant to the Planning Act 2008.
- 12. The Environmental Impact Assessment Infrastructure Planning Regulations 2017 (the EIA Regulations) implemented the requirements of the EIA Directive (As codified by Directive 2011/92/EU and subsequently amended by Directive 2014/52/EU) into UK law in respect of NSIP projects.
- 13. Schedule 4 paragraph 5 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 ("the EIA Regulations") states that:
- 'A description of the likely significant effects of the development on the environment resulting from, inter alia: (e) the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources'.
- 14. The overarching National Policy Statement (NPS) for Energy NPS (EN-1) (DESNEZ, 2023a) and the NPS for Renewable Energy Infrastructure NPS (EN-3) (DESNEZ, 2023b) both recognise the need to address the maximum potential adverse impacts. Matters considered to affect the maximum adverse impact are topic impacts, inter-relationships between topics, and cumulative impacts.
- 15. The Overarching NPS for Energy (EN-1) at paragraph 4.3.3 states that:
- 'The Regulations require an assessment of the likely significant effects of the proposed project on the environment, covering the direct effects and any indirect, secondary, cumulative, transboundary, short, medium, and long-term, permanent and temporary, positive and negative effects at all stages of the project, and also of the measures envisaged for avoiding or mitigating significant adverse effects.'
- 16. The NPS for Renewable Energy Infrastructure (EN-3) (paragraph 2.8.72) references that:

- "Assessment of environmental effects of transmission infrastructure and any proposed offshore or onshore substations should assess effects both alone and cumulatively with other existing and proposed infrastructure".
- 17. The Planning Inspectorate have produced 'Advice Note 17: Cumulative Effects Assessment' (The Planning Inspectorate 2019), which provides guidance on a staged process that can be used for cumulative effects assessments for NSIPs. Advice Note 17 details a four-step process that can be followed by developers and which has been applied here. This four-step approach is detailed in Section 4.
- 18. The Marine Policy Statement (MPS) (HM Government 2011) sets out the requirement to address cumulative effects, stating that:

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

5.3 Consultation

- 19. Consultation is a key part of the Development Consent Order (DCO) application process.

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

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

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

ID —	Inchactorato's comments	Pornonco/action
ID Securing	Inspectorate's comments	Response/ action
Scoping	The ES should include a plan to show the location of	The Project will ensure a
Opinion (The	other OWFs, built, consented and proposed, in	figure of the OWFs in the
Inspectorate,	relation to the Project	area in proximity to the
9 September		Project is included.
2022)		
Comment ID		
2.1.12		
Scoping	The Scoping Report proposes to scope out	The cumulative effects on
Opinion (The	cumulative modifications to the wave and tidal	the wave and tidal regime
Inspectorate,	regime and associated potential impacts to the	and associated potential
9 September	sediment transport regime on the basis of available	impacts to the sediment
2022)	assessments that suggest modifications to the wave	transport regime have
,	and tidal regime remain within small distances from	remained scoped in and will
Comment ID	the foundations.	be assessed for ES.
3.1.2	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.	
Scoping	The Scoping Report confirms that specific numerical	The Project have commenced
Opinion (The	modelling will be undertaken, such as hydrodynamic	ETG meetings and consulted
Inspectorate,	(wave and tidal) and sediment plume modelling. The	on proposed methodologies
9 September	Applicant is advised to agree the detailed	and received feedback.
2022)	assessment methodologies, including modelling,	
	with relevant stakeholders represented on the	
Comment ID	Marine Ecology and Coastal Processes Expert Topic	
3.1.8	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	
Scoping	impacts from other projects have been included. The Scoping Report proposes to scope out release of	The Project have scoped out
Opinion (The	sediment-bound contaminants from disturbed	the impact of cumulative
Inspectorate,	sediments on water quality as a result of cumulative	released sediment-bound
9 September	effects with other projects and plans. This is on the	contaminants.
2022)	basis that effects will be highly localised and small	
- /	scale.	
Comment ID	The Scoping Report has not identified other projects	
3.2.3	or plans that could act cumulatively with respect to	
	sediment-bound contaminant release.	

ID	Inspectorate's comments	Response/ action
	On the basis that there are no projects or plans that	Response/ detion-
	would act cumulatively to release sediment-bound	
	contaminants, the Inspectorate agrees that this	
	effect can be scoped out of the assessment	
Scoping	The Scoping Report proposes to scope out this effect	The assessment of the risk of
Opinion (The	on the basis of best practice standards and control	INNS during operation on
Inspectorate,	procedures, which will be incorporated into the	benthic ecology receptors
9 September	PEMP and are embedded in the project design. The	will remain scoped in and
2022)	Inspectorate considers there is the potential risk of INNS introduction and spread during the	assessed, with consideration to potential cumulative
Comment ID	operational phase as a result of vessels used for	to potential cumulative effects.
3.3.2	maintenance activities. The ES should include an	Circus.
0.0	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.	
Scoping	The Scoping Report states that, with the exception	The Project will assess all
Opinion (The	of those effects scoped in as per Table 7.3.3, all	cumulative effects where
Inspectorate, 9 September	other impacts with limited spatial extent, where not having an effect on a designated species, site or	significant effects are likely to occur
2022)	feature, will be scoped out of further assessment	to occur
,	within the ES.	
Comment ID	The Scoping Report does not specifically identify	
3.3.5	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. It is unclear from Table 7.3.3 whether the	The Project will assess any
Scoping	cumulative effect of sediment disturbance arising	likely significant effects on
Opinion (The	from construction activities scoped into the	benthic subtidal and
Inspectorate,	assessment will comprise an assessment of	intertidal receptors
9 September	cumulative effect with other projects or plans, or if	occurring as a result of
2022)	this is from inter-project effects. For clarity, any	interactions with other
_	likely significant effects on benthic subtidal and	plans and projects.
Comment ID	intertidal receptors occurring as a result of	
3.3.8	interactions with other plans and projects should be assessed in the ES.	
Scoping	The Scoping Report states that, impacts scoped into	The Project have scoped out
Opinion (The	the assessment for the Project alone, are generally	the cumulative effects on
Inspectorate,	spatially restricted to within the near field of the	fish and shellfish receptors.
9 September	array and the offshore Export Cable Corridor (ECC)	
2022)	and that, with the exception of those impacts	
	identified in Table 7.4.4, it is proposed that all other	

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

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

ID	Inspectorate's comments	Response/ action
	Inspectorate considers this should be informed by	
	the location and potential impacts of both the	
	Project and other relevant development particularly	
	where the ZoI overlap. The ES should include an	
	assessment of cumulative effects to human health,	
	where likely significant effects could occur.	
Scoping		The Project will assess this
Opinion (The	The lucy cotours to a green that the accessor at af CLIC	within the Climate Change
Inspectorate,	The Inspectorate agrees that the assessment of GHG	chapter.
9 September	emissions against the carbon budgets are inherently	
2022)	cumulative and therefore this will be assessed in the	
,	Climate Change aspect chapter rather than as a	
Comment ID	separate element of the cumulative chapter.	
3.23.3		
Section 42 Res	sponses	
Section 42	The approach to the assessment of cumulative and	This is noted by the
response	inter-related impacts outlined in the Appendix 5.1:	Applicant, the cumulative
from MMO	Offshore Cumulative Effects Assessment is	assessment of the fish and
21st July	appropriate and follows a standard approach of	shellfish ES chapter has
2023	identifying the impacts which have potential to	been updated in
	cause an effect. The study area for the range of	accordance with the latest
	effect is 12km around the array area and 15km	underwater noise
	around the ECC (for sedimentary impacts, based on	modelling.
	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.	
Continue 42	Commont aumoulative Effects Accessed 1	The Amelianus banding
Section 42	Comment - cumulative Effects Assessment – there	The Applicant has included
response	is no key for the screening categories (a-g) used	a key for the screening
from Natural	within the Offshore Cumulative Effects Assessment	categories included within
England 20th	Matrices.	the cumulative effects
July 2023		matrices.
	Recommendation - The submitted ES should	
	include a key to show what a-g indicates for each	

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

5.4 Methodology

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

23.:

- Stage 1: identify the zone of influence and establish a long list of 'other existing development and/or approved development';
- Stage 2: identify a shortlist of 'other existing development and/or approved development' for cumulative assessment;
- Stage 3: information gathering; and
- Stage 4: assessment.
- 24. The long-list, seaward of Mean High-Water Springs (MHWS) has been produced based on the scale of other projects and the potential for them to produce cumulative effects with the Project. Any projects considered for planning post- end of February 2025 have not been considered for inclusion in the ES.
- 25. Any permissions from an earlier date are presumed to have lapsed or have been implemented, and in the case of the latter, therefore form part of the Project baseline assessed in the EIA. Other developments which are pending and meet the Project screening parameters, will be monitored by the Project and considered in the CEA.
- 26. In line with the guidance from the Planning Inspectorates Advice Note 17 (the Planning Inspectorate, 2019), all plans that are deemed 'reasonably foreseeable' will be considered in the CEA using publicly available information. Within the cumulative frequency boundary there are other NSIPs, including other proposed offshore windfarms. To reflect a worst case and to maintain a robust approach when considering cumulative effects, these has been considered within the CEA.

5.5 Approach to the Cumulative Effects Assessment

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

5.5.1.1 Approach to the Longlist

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

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

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

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

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

5.5.1.2 Tiered Approach

- 30. For the CEA it was important to recognise that projects which are 'proposed', may or may not be taken forward for development. Consideration to this has been built into the assessment in line with The Inspectorate's Advice Note 17. The approach was taken to allocate the Projects 'tiers', based on their current status within the planning and development process. This is described in further detail within Volume 1, Chapter 5: EIA Methodology (document reference 6.1.5).
- 5.5.2 Stage 2: Establishing a Shortlist of 'Other Existing Development and/or Approved Development
- 31. The Inspectorate's Advice Note 17 (The Planning Inspectorate, 2019) provides threshold criteria for inclusion/exclusion against which the potential for the 'other development' to give rise to significant cumulative effects by virtue of overlaps in temporal scope, the scale and nature of the 'other developments' and/or receiving environment, or any other relevant factors is assessed. These criteria were used to stage 2 to screening the projects and establish a shortlist. The screening criteria are described in Table 5.3.

Table 5.3 CEA long list screening criteria

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

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

- 32. For clear justification the screening process was undertaken in steps. This followed a stepped process, with data initially screened regarding the nature of the other development identified. The steps followed were:
 - Potential impact-receptor pathway: There is the potential that a pathway exists whereby an impact could have an effect on a receptor. For example, increases to underwater noise could have an impact on marine mammal receptors, but suspended sediment concentration could not have an effect on aviation receptors.
 - Spatial effect interaction: The impacts on a receptor from the Project and one or more other plans/projects have a geographical overlap. For example, if another offshore windfarm project is in a close enough proximity to the Project, underwater noise resulting from piling at the Project could interact with noise arising from the construction of another offshore windfarm project. If there is no spatial interaction, there is considered to be no potential for a cumulative effect; and
 - Temporal effect interaction: The impacts on a receptor from one or more other projects have the potential to occur at the same time as the Project. If there is no temporal interaction, there is considered to be no potential for a cumulative effect.
- 33. If the project being assessed for cumulative effects has the potential for both spatial and temporal interactions with the Project, then the cumulative impact has been taken forward to the CEA shortlist.

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

- 34. The long list identifies all of the other plans, projects and activities that may result in a cumulative effect with the Project. The long list however does not account for differences in the impact ranges for each environmental receptor. For further screening, topic-specific short lists were established, the distances and justifications are provided in Table 5.4.
- 35. A full list of schemes initially considered as a part of the cumulative assessment is shown in the Offshore Cumulative Long List at the end of this appendix (Document Reference: Annex A 6.3.5.1)

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

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

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

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Walk	er a	ınd John	ston (1999) G	uidelines fo	or the	e Assessment of Indirect and Cumulative Impacts as
well	as	Impact	Interactions.	Available	at:	
				[Acces	sed: I	ebruary 2024]

Annex A – Offshore Cumulative Effects Long List

						Constru	ction Perio	od (red out	tline denote	s ODOW o	ffshore co	nstruction	eriod)					1													
Area	Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and ediment Quality	Benthic and tertidal Ecology	Fish and hellfish Ecology	farine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Users and Activities
HU118	Galahad Pipeline Route	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed																os .	<u> </u>	Ø	-							
Outer Dowsing	Westminster Gravels (515/2)	thecrownestate.opendata.arcgis.com/c	High - Third party project details published in the public domain and confirmed as being accurate by the developer.	Aggregate Production Area	Operation		Г											0.0		g	g	<u>a</u>		a	,	a	a		9	g	
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						Г							1.1	0.0	c	c	<u> </u>		4	,	d	d				
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						T							8.1	21.2	g	g	a	a	a		a	<u>a</u>		9	9	
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						T							9.1	5.2	g	g	a	a	a	ı	a	a		9	9	
HU205	Hornsea Disposal Area 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open - used for Hornsea One sandwave clearance until completion - completed 2019													9.1	5.2	g	g	a		a	f	a	a	f f	9	g g	
Outer Dowsing	Westminster Gravels (515/1)	thecrownestate.opendata.arcgis.com/c	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation						Γ				П			11.7	2.7	c	c	h	h	2	f	<u>а</u>	a	f			
HU147	Dudgeon OWF	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						Г									-	-										
HU211	Hornsea Disposal Site Subzone 2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						T							19.9	11.1		9									9	
HU145	Dudgeon	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													20.2	35.5		g	a	4	4	T				g	g	
HU115	Adjacent to Southern Basin Gas	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						T							21.0		g	g	a	a	a	f	f	f	f f	g	g	
HU206	Hornsea Project One Subzone 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						T							23.1	2.7	g	g	a	a	a	f	f	f	f f	9	9 9	
HU126	Race Bank OWF	thecrownestate.opendata.arcgis.com/d	published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	MMO confirmed this is now disused/ closed													24.6	38.2	g	g	a	0	a	f	f	f	f f	9	g g	
HU203	Babbage	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed													23.5	38.8	0	q	3	9		f	f	f	f			
Humber 3	DEME Building Materials Ltd (484)	ndata.arcgis.com/c	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation													26.8	38.8	f	f	f	f		f		f	f	9	g g	

CEMEX UK Marine Ltd (514/4)	https://opendata-	ligh - Third party project details	Aggregate Production Area	Operation																			
	ndata.arcgis.com/d ar	and confirmed as being											20.2	24.7						ļ			
Spurn Head	pi	oublished in the public domain and confirmed as being	Sea Disposal Site	Closed																			
Hanson Aggregates Marine Ltd (106/2)	thecrownestate.ope ndata.arcgis.com/d ar	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation																,	,	f	, y
Hanson Aggregates Marine Ltd (106/3)	thecrownestate.ope pondata.arcgis.com/d and	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											c c		ь	a		f	f	f	· ·
Hanson Aggregates Marine Ltd (106/1)	thecrownestate.ope ndata.arcgis.com/d ar	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											c c	ь	ь	a		,	, ,	f c	: f
Van Oord Ltd (481/1)	thecrownestate.op endata.arcgis.com/ datasets/685a9d9c 2ae84870b070473	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation												Ь	ь	a		a	, ,	f	. a
Tarmac Marine Ltd (481/1)	https://opendata- thecrownestate.ope ndata.arcgis.com/d	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											a a		Ь			f	f	f	
Van Oord Ltd (481/2)	thecrownestate.op endata.arcgis.com/ datasets/685a9d9c 2ae84870b070473	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation																	f	f	
Tarmac Marine Ltd (481/2)	https://opendata- thecrownestate.ope ndata.arcgis.com/d	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											a a		<u> </u>			,	f		f
Wash Bank	pi	oublished in the public domain and confirmed as being	Sea Disposal Site	Closed															f		,		
DEME Building Materials Ltd (506)	thecrownestate.ope ndata.arcgis.com/d ar	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											fff	a	f			f	f	f	
Hanson Aggregates Marine Ltd (400)	thecrownestate.ope ndata.arcgis.com/d ar	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation																f	f	f	
North West Zone Area 107	pi	oublished in the public domain and confirmed as being	Sea Disposal Site	Closed											9				f		,	,	a a
Tarmac Marine Ltd (197)	thecrownestate.ope pondata.arcgis.com/d ar	oublished in the public domain and confirmed as being	Aggregate Production Area	Operation											c c						f	f	e f
West of Inner Dowsing Bank	pi	oublished in the public domain and confirmed as being	Sea Disposal Site	Closed											a								9 9
CEMEX UK Marine Ltd (514/3)	thecrownestate.ope production ndata.arcgis.com/d arcgis.com/d	oublished in the public domain and confirmed as being	Aggregate Production Area	Open											f f	f	f	a				,	,
Hanson Aggregates Marine Ltd (1805)	thecrownestate.ope production ndata.arcgis.com/d arcgis.com/d	oublished in the public domain and confirmed as being	Aggregate Production Area	Exploration and Option Area									55.0	04.0									
	Spurn Head Hanson Aggregates Marine Ltd (106/2) Hanson Aggregates Marine Ltd (106/3) Hanson Aggregates Marine Ltd (106/1) Van Oord Ltd (481/1) Tarmac Marine Ltd (481/1) Van Oord Ltd (481/2) Tarmac Marine Ltd (481/2) Wash Bank DEME Building Materials Ltd (506) Hanson Aggregates Marine Ltd (400) North West Zone Area 107 Tarmac Marine Ltd (197) West of Inner Dowsing Bank CEMEX UK Marine Ltd (514/3)	### therrownestate ope indata aregis comid atasets/858a9d9c2 ase84570b704731 1b7dec56 Spurn Head Cefas Hanson Aggregates Marine Ltd (106/2) Hanson Aggregates Marine Ltd (106/3) Hanson Aggregates Marine Ltd (106/1) Van Oord Ltd (481/1) Tarmac Marine Ltd (481/1) Muss Marine Ltd (481/1) Https://opendata-therrownestate.ope endata aregis comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Van Oord Ltd (481/2) Tarmac Marine Ltd (481/2) Popendata aregis comid atasets/685a9d9c3 ase84570b0704731 1b7dec56 Wash Bank Cefas DEME Building Materials Ltd (506) Https://opendata-therrownestate.ope endata aregis comid atasets/685a9d9c3 ase84570b0704731 1b7dec56 Wash Bank Cefas Cefas Hanson Aggregates Marine Ltd (400) DEME Building Materials Ltd (506) https://opendata-therrownestate.ope endata aregis comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Wash Bank Cefas Cefas Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Wash Bank Cefas Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis.comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Wash Grand Area 107 Cefas Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis.comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 West of Inner Dowsing Bank Cefas Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis.comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis.comid atasets/685a9d9c2 ase84570b0704731 1b7dec56 Hanson Aggregates Marine Ltd (400) https://opendata-therrownestate.ope endata aregis.comid atasets/685a9d9c2 ase84570b0704731	Spurn Head	Percovamentation positioned in the public domain position of the public domain posit	Previous Aggregates Merine Ltd Cefels High - Tried party project designs and confirmed as being a control of the party of the compose. Fersion Aggregates Merine Ltd (1902) Fersion Aggregates Merine Ltd (1904) Fersion Aggregates Merine Ltd (1904	Reput Nation Column Co	Bancommonation Banc	Page Page	Part Part	Septim toward One of the control of	Part Part	Comment of the Comm	Control Montal Control	Figure 1971 Out Control (1971) Out Control (Page Page	Part Part	Processing of the processing	Processing Continues Processing Continues	Part	Procedure of the Company of the Co	Part of the Comment o	Processing Control of the Control	## Company of the Com

Humber Overfalls	Tarmac Marine Ltd (493)	thecrownestate.ope ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation						40.9	10.9	ссс		ь	a f	· a	f	f	f	c	f
Humber 2	CEMEX UK Marine Ltd (514/2)	thecrownestate.ope ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation						42.2	36.2	f f	f	f	a f			f	f	c	f
HU070	New Sand Hole	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						43.1									,		
Humber 1	CEMEX UK Marine Ltd (514/1)	thecrownestate.ope ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation						45.3	36.2	g g	f	f	a l			ļ	,	g	f
HU123	Sherringham shoal drillings	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						46.0	0.2	a a				,	f	f	f		a
HU116	Pickerill Field	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						47.8	12.3							·			g
Humber 5	DEME Building Materials Ltd (483)	thecrownestate.ope ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Aggregate Production Area	Operation						49.9	57.6	f f	,	į,				j		g	f
HU097	Humber Gateway OWF	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						52.2	43.8									g	
HU156	Well Beneficial use site2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						57.3	37.5	g g	,	į				j	j	g	f
HU151	Wells beneficial use site	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						57.6	37.8										
HU157	Wells Outer Harbour B1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open								g g								9	g
HU153	Wells outer harbour site B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						59.1	39.4							Ť		C	
HU152	Wells outer harbour site A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						59.1	39.4	g g			a					g	g
HU154	Wells outer harbour site C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						59.2	39.4				a t					c	
HU201	Conoco Pipeline Trench	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						59.4	39.6				a I					C	
HU109	Bull Sand Fort Extension	ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused						59.7	34.1	g g		a	a f					g	q
HU120	Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						62.1	19.5	9								g	a
			1								V4.1	10.0	9								-	/

HU111	Bull Sand Fort	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						62.3	37.5	a a	a	a	a	f f	f	f	f		a
HU125	New Lynn Knock Buoy	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						62.5	18.5										
HU110	HUMBER 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed								g g	a	d	2					9	g
ни080	HUMBER 1A	ndata arcais com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						63.6	38.2	g g	f	f		I I	f	Ī	Ţ	g	f
HU082	Sunk dredge channel A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused						68.7	44.6	g g				f f	f	ļ	· f		a
HU083	Sunk Dredge Channel Window C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Disused						70.3	47.5	£ £	į								f
HU081	North Sunk	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						70.9	47.4	g g								9	g
HU090	Humber 2	thecrownestate.ope ndata.arcgis.com/d	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						72.1	46.4	f f		,						g	f
HU093	Humber 2 Extension C	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed							46.1										
HU092	Humber 2 Extension B	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						72.2		9 9	a a	d			j	j		9	9
HU091	Humber 2 Extension A	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						72.2	46.2		_	_						9	9
HU112	Pyewipe Channel	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						72.3	46.4		a	d						П	g
HU128	Boston Deep	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						72.6	45.6	9 9								g	g
HU141	Breast Sand East	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						80.8	30.9					1 1	T T				
HU143	West Stones	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open						85.5		g g								9	9
HU140	Breast Sand	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						85.7 86.8	44.2	g g				f		ļ			a a
HU137	Boston 3	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						87.3	36.9	g				f					a
			1		1						00		- B									

HU170	Boston 7	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Open																	
HU130	Boston 1	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						88.8	38.0	f	f f	f	a	f	f	f	f f	c	
HU136	Boston 4	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						89.6 89.6	38.5	g	g a	a	a	f	f	f	f f	9	9
HU139	Boston 6	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						89.6	38.1	a	g a	a	a	f		f	fff	a	a
HU138	Boston 5	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						89.9	38.7	g	g a	a	a	f	f	f	f f	g	g
HU135	Boston 2	Cefas	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Sea Disposal Site	Closed						92.0	40.2	g	g a	a	a	f	f	f	f f	g	g

				Constru	ction Perio	od (red out	line denot	tes ODOW	offshore	construction	on period)																		
Project	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology	Other Marine Users and Activities
Galahad 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	0	a	a	f	a	a	f		a	2
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			9				<u> </u>	u			9	
Bacton Seal Line	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			2			f	a	a	f	a	g	
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	a	a	·	8	a	· f	a	a	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	3	a	a	f	a	а	f	a	a	a
Tee Gas Export	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation													0.0	1.8	c	c	a	a	a	f	8	a	f	2	c.	a
NSTA Pipeline: Galahad Tee to Malory	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Chemical	Not in use													0	1.83	f	f	a	d	2	f		,	f		a	a
NSTA Pipeline: Lancelot Tee to Galahad Tee	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		Not in use													0	4.5		į į	9						·		3	
NSTA Pipeline: Pickerall A to Theddlethorpe	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate															0	2.17			9					a .		-	9	
Chemical line	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Chemical Pipeline	Not in use Disused													0.0	6.3	d	d	a	a	a	f	a a	а	f	a	g	a
Pickerill A to Theddlethorpe Chemical line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused													0.0	3.8	d	d	a	a	a	f	a	a	f	a	a	a
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Gas	Active													0.9	8.6	f	f	a	a	a	f	a	a	f	a	c	a
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	С	C	a	а	a	f	a	a	f	a	c	a

Murdoch	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						1.4	4.0	d g	i a	a	a	f	aa	af	_ a	g _	a
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						3.9	0.5	c c	; a	a	a	f	a a	a f	a	С	а
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	i a	a	a	f	a a	a f	a	g	a
Gas Export Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						4.2	11.5	c c	: a	a	a	f	a a	a f	a	С	f
Clipper PM (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						6.5	14.3	c c	: a	a	a	f	a a	a f	a	С	f
Meg Clipper PM to Barque PL (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						6.5	14.3	c c	: a	a	a	f	a a	a f	a	С	f
Lancelot Gas Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						8.1	1.3	d d	g	a	a	f	a a	a f	a	g	a
		Offshore Wind Farm Export Cable (O&G)	Active/In Operation						8.20	20.70	c	: a	a	a	f	a a	a f		c	f
Triton Knoll	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation						8.90	0.20	c	: a	a	a	f	a	f		c	
OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation						9.30	21.20	c	: a	a	a	f	c a	a f		c	f
Meg Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						10.4	6.3	d d	g	a	a	f	a a	a f	a	g	f
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	: a	a	a	f	a a	a f		Č	f
(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	a	а	3	f	a	f		c	f
Loggs PP to Theddlethorpe (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						10.7	0.0	d				f					
Viking AR to Theddlethorpe (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						13.0	0.0	0	d	d					d	g	
Sole Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						13.1	25.1	c c	a	a f	a	f	a a	f	a	g	f

							_									_			
Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					13.1	25.1	cc	a	,	f		a	f	а	c f	
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			f	f			f	2	c f	
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			f	f		a	,	2	c f	
Manifold	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					13.9	25.9		а	f	f		a	f	a	c f	
Seven Seas to Newsham Gas Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					13.9	25.8	ССС	a	f	a f	a	a	f	a	c f	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					13.9	25.9	d d	a	a	a f	a	a	f	a	g f	
Scoping Route	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	In Planning					14.2	1.4		c	c	c f	c	С	f		са	
from Rowe Well to Amethys Platform	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		3	a f		a	f	a	g f	
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			f				·		c f	
Clipper PT (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		Active/In Operation					14.8	20.0			f						c f	
Methanol Line	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		2				f		g f	
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			2				f		g f	
Clipper South to Clipper (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.0	20.6	f	f	f	·			f	a	c	
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		ļ	Í			f		c f	
PM to Skiff (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.0	20.7	f f	f	f	a f		a	f	a	c f	

	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.0	20.7	f f	f f	a	f	aaa	f	a	s f
Clipper PN (Shell)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.0	20.7	f f	f		f	a a	f		f
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								
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		П			15.00	20.60	,				a a			
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		П			15.2	3.0			2	·	a	,		
Pipeline (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active					15.2	27.3	d d		a	ŕ	a	f		f
(Neo)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.3	27.3	c c	f	a	f	aaa	f		e f
Bravo Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.3	27.3	c	f	a	f	a	f	a	f
Sole Bravo Pipeline	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.3	27.4	f f	f		f	a	f		f
Easington Gas Line (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					15.3	27.3	c c			f	a	· ·		f
West Sole WC Gas Line	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					15.3	27.3		,		·		·		
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	4 4	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				a			
Easington (Perenco)	details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					17.5	28.2	d d	f	a	f	a	f		f
Eastern Green Link 4 (EGL4) Scoping Route	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	In Planning					17.5	2.1		c	С	f	c c	f		a

Anglia YM Gas Line (Ithaca)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						18.0	18.2	f	f f	f	а	f	a	a	f	a	c f	
Transmission Asset	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Export Cable	Consented						19.20	25.50	f	f	f	c	f	c	f	f	f	: f	
to PL937 Tee	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						19.5	31.6		f	f		ļ		a	f	a	. f	
	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											
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation						20.10	11.40					f			f			
(Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						20.1	32.7			2			a			a		
(Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						20.1	32.7	<u>u</u>			a			d	_	a (
Amethyst A1D (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						20.9	28.5	u		a	a			d	f	a (
Spool to A1D	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Not in use						20.9	28.4			a	a			d		d Ç		
		Telecommunication Cable							21.10	27.60								f		, f	
Loggs Gas (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						21.4	26.0								f		, ,	
South Methanol (Ineos)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						21.4	26.0	u .		2							, ,	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						21.8	14.5		2							•	, ,	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Interconnector	Complete/In Operation						23.00	4.00	9	g I	c	a				f	,		
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable	Active/In Operation						23.70	0.10	С	c s	c	a	f	a	a	f	a	, (9 c f	

		T	1=-	 	 	 													_
A (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						27.8	35.4	d d			f_	a	a	f	q	f
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						28.3	35.9	d d	,		f	a	a	f	g	f
Audrey WD Gas (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Abandoned						28.3	35.9	d			f	a	a	f	a	f
Audrey WD Meoh Line (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						28.3	35.9	d	ļ		f	a	a	f	a	f
Alison KX (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						28.3	36.0	d	f	а	f	a	a	f	a	f
Loggs PR (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						28.7	38.0	d		a	f	a	a	f	a	f
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	f	2				f		f
Tie-In Gas Export	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active						29.7	22.1	f	f	£				£		f
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									
Loggs PP (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						31.1	38.5	d d					a	£	9	
Export (Spirit)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation						32.9	46.1			,		2			9	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation		T				32.9	46.1					a	a		C	
Tee (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						33.5	41.2		f				a	f	3	
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	f		f		3	f	9	
Vampire OD Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused						33.8	40.6	d d	f		f	a	a	f	g_	f

Loggs PR Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the	Pipeline	Disused				33.8	40.0								
Vampire OD to	Crown Estate High - Third party project	Pipeline	Disused				33.8	40.0	d d	f	a a	f	a a	f	a g	f
Loggs PR Meoh (Chrysaor)	details published in the public domain and confirmed as being 'accurate' by the Crown Estate								d d	f	a a	f	a a	f	a	f
OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation				34.20	16.90	f f	f	fa	f	aaa	f	a C	f
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	ı,	a	f	a	f	2	f
Methanol (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused				34.3	40.0	d d	f		f		f	3	f
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused				34.3	40.0	d			f		f	9	f
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			<u> </u>			99 6	
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							3	
(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							9	
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				<u> </u>			9	,
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			<u>a</u> a		a a		a g	
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			<u>a</u> a		a a		9	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation				34.4	46.4					a d		g	f
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					f	C	f
to Loggs PP (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused				34.4	40.2	d d	f	a	f	a a	f	9	f

Loggs PP Gas (Chrysaor)	details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					34.4	40.2	d d	f	a	a	f	a	a	f	a <u></u> g	f	
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	f			f			f		f	
Manifold	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					35.4	46.4			f		f	a		f	9	f	
(Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					35.4	46.4	f f	f	f		f	a	а	f	a c		
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					39.3	56.2	f f	f	f	a	f	a	a	f	a c	; f	
(HOW04) OFTO		Offshore Wind Farm Export Cable (O&G)	Consented					41.0	53.0	f f	f	f	С	f	С	f	f 1	f c	; f	
(Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					41.8	48.5	d d	f		a	f	a	a	f	a 9	f	
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	f		a	f	a	a	f	a q	f	
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			a	f	a	a	f	a		
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	f		a	f	а	a	f	a q	f	
Export (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					44.0	56.2	f f	f	f		f	а	a	f	a	f	
(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			a	f	a	a	f	a	f	
(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				f	a	a	f	a		
(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				f	a	a	f	a		
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					45.9	53.0	d d	f	a	a	f	a	a	f	9 9	f	

48/29-9 TO 48/29C Gas Export (ENI)	High - Third party project details published in the public domain and confirmed	Pipeline	Disused					46.1	42.8										
	as being 'accurate' by the Crown Estate									d	d f	a	a	f	a	a i	a	g	f
Lincs		Offshore Wind Farm Export Cable (O&G)	Active/In Operation					46.20	0.30	С	c a	a	a	f	a	a		c	f
Lincs OFTO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation					46.20	0.30		۲ .	a	2	f	a	2		c	f
Humber Gateway OFTO		Offshore Wind Farm Export Cable (O&G)	Active/In Operation					46.9	38.4	f	f f	f		f	a			0	f
Rough 47/8A Export (Centrica)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					47.8	55.9	f	f			f	a	2		c	f
Easington to Rough 47/3B (Centrica)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					47.9	46.6	d	d			f	a			g	
Viking BD to Viking GD Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					48.0	54.9	d	d			f				9	
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				f				3	
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	4								9	
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 .		2	·	2			9	
Viking AR to Viking BP Gas (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					48.7	54.4	d	d	a	d	· •	2	d		9	
Viking AR to Viking BP Meoh (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					48.7	56.0	u .			d		a				
Johnston Export (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					48.9	60.8						d			g	
Johnston Methanol (Harbour)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					48.9	60.8	f	i Î			f				C	
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 <u>f</u>	f		f	a	a	a a	c	f

D 11 11	luci - c	In: ii	In:					40.4	04.0										
CP to ST3	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					49.1	61.0		f		a	f a	a	f	a	g	f
(Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					49.1	63.2	d d	,		a	fa	a	ļ	2	o o	f
Export (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.1	61.0	f	į	f		f				9	·
ST-2 Infield (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.1	61.0	f f	f	f	a		a	f	a	c	f
ST3 to RNCP (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.1	61.0	f f	ļ	f	a	fa	a			C	f
(IOG PLC)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	In Planning					49.3	46.3	f f	f	f	e		f	f	f	С	f
Bravo (Chrysaor)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Disused					49.7	56.7	d d	f		a	f a	a	f	a	g	f
Cleeton (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.7	62.8	f f	f	f	a	f a	a	f	a	С	f
Pipeline (Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.9	57.5	f f	f	f	a	f a	a	f	а	С	f
(Alpha Petroleum)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					49.9	57.5	f f	f	f	a	f a	a		a	С	f
South Humber (E4L5)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	Proposed					49.97	17.23		f	f	c	f e	f	f	d	С	a
Import/Export (Centrica)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					50.0	46.8	f f	f	f	a	f a	a	f	a	С	f
Ravenspurn A (Perenco)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Pipeline	Active/In Operation					51.3	63.3	f f	f	ŗ	a	f	a		a	c	f
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation					51.40	3.40	c	f	f	a	f	a	f	a	С	f
Scotland to South Humber	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	National Grid	Proposed					52.78	17.23		f	f	С	f	f	f		С	
	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Offshore Wind Farm Export Cable (O&G)	Active/In Operation					54.60	9.10	c c	a	a	a	f	a	f	a	С	f

Amethyst B1D to	High - Third party project details published in the public domain and confirmed	Pipeline	Disused					98.4	22.3							4 7	
Amethyst A2D	details published in the															4 7	
Chemical Line	public domain and confirmed															4 7	
(Perenco)	as being 'accurate' by the Crown Estate															4 7	
	Crown Estate															4 7	
										d	f a	la la	f a	a	f	a 4	g f

					Constr	uction Peri	od (red ou	tline deno	tes ODOW	offshore	construct	ion period)															l	
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032-20XX		Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape, Landscape and Visual	Offshore archaeology
CS018	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d												2.5	i 17.3	С	е	е	e	е	f	e	e	f	р	c
CS017	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d																							7	
CS028	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d												10.2			e	e	e	С	f	e	e	f	f	c
CS024	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area													21.8	29.5	f	f	f	е	С	f	e	f	f	f	C
CS023	TCE	project details published in the public domain and	Carbon Storage Licence Round	Licensing Round Area	d												28.0	34.0	e	e	е	е	С	f	e	e	f	f	С
CS005	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d												35.2	41.7	f	f	f	е	е	f	e	f	f	O	С
CS008	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d												40.8			f	f	e	С	f	e	f	f	f	c
CS009	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	d												44.1			f	f	e	e	f	e	f	f	O.	c
CS007	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round includes areas 43/23. 43/30, 44/26, and 44/27	Licensing Round Area	d												44.1			f	f	е	С	f	е	f	f	е	С
CS006	TCE	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round, includes areas 43/23. 43/30, 44/26, and 44/27	Licensing Round Area	d												51.2			f	f	е	С	f	e	f	f	e	f

CS001	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						55.6	69.9 f	f	f	e	С	f	е	f	f	e	f
Endurance	https://opendata- thecrownestate.op endata.arcgis.com /datasets/8cae2b2 4b1f6457c8311af3 e794246d3 High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Capture and Storage Lease Area	Area for Lease (CS001)						59.2	71.2 f	f	f	g	С	f	С	f	f	f	f
CS019	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area	3					70.0	106.8 f	f	f	e	е	f	e	f	f	f	f
CS025	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round	3					70.9	83.7 f	f	f	e	e	f	f	f	f	f	f
CS020	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						73.7	87.5 f	f	f	e	e	,	e	f	f	f	f
CS022	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						79.5	92.0 f	f	f	e	c	f	е	f	f	f	f
CS026	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						84.0	90.1 f	f	f	e	c	f	e	f	f	f	f
CS021	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						111.9	124.6 f	f	f	f	c	ſ	e	f	f	f	f
CS004	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Area						273.9	232.0 f	f	f	f	e	,	f	f	f	f	f
CS010	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						300.9	261.7 f	f		f	c	f	f	f	f	f	f
CS011	TCE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	Carbon Storage Licence Round	Licensing Round Area						489.3	501.7 f	f	f	f	c	f	f	f	f	f	f

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

	In		I	10	_	tion Peri	od (red out	tline deno	tes ODOW	offshore c	onstructio	n period)				lu.		15		1			0.0			- - -		- 0 = 1		0 - 0
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Develop ment	2021	2022	2023	2024	2025	2026	2027	2028	2028	2030	2031	2032 - 20XX	Distance from the array area (km)		Physica Processes	Water and Sediment Quality	Benthic and Intertida Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercia	Shipping and Navigation	Military and Civil Aviation	Seascape Landscape and Visua	Offshore archaeolog)	Other Marine Users and Activities
D323D SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													0.00	6.50	f	f	h	а	2	f	f	a	f	f	c	d
D323D SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													6.50	39.35	f	f	b	a	a	f	f	a	f	f	c	f
D307 DONNA NOOK	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Bombing, Live Firing, Air Firing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircral System (VLOS).	Active													44.06	15.88	f	ļ	f		2	f	f	2		f		
D323F SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		Active													45.58	44.19	f	f	f	a	a	f	f	a	f	d	c	f
	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		Active													63.61	76.10	f	f	f	a	a	f	f	a	f	f	f	f
	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		Active													76.32	91.60	f	f	f	a	а	f	f	a	f	f	f	f
D323B SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													77.79	81.90	f	f	f	-	a	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 Aircral System (VLOS).	Active													79.00	33.95												·
D208 STANFORD	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.		0,													105.96	78.19								_		,		
D305 BECKINGHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Air Firing, Military Exercises, Bombing, Demolition of UXO, High Energy Manoeuvres and Unmanned Aircraft System (VLOS)	Active													123.29	69.53					<u>a</u>			a				
D412 STAXTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Air to Air Firing.	Active													130.87	142.83	f	f	f	f	a	f	f	a	f	f		
D323E SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													131.05	130.08					<u>a</u>			2	2		·	·
D323G SOUTHERN MDA	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Airforce Danger Areas	Active													131.38	130.08	f	ļ	f	,	2	,	,	a	f	f	f	f
D410 STRENSALL	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing and Unmanned Aircraft Systems (VLOS).	Active													141.46	120.57	f	ļ	f	f		,	f	2	f	f	,	
D215 NORTH LUFFENHAM	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Demolition of UXO - SITE TO CLOSE IN 2020 /2021.	Active													146.15	92.45	f	ļ	·	f	2	f	f	2	f	f	,	·
X5118 Gunfleet	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													172.32	155.75	f	ļ	f	,	2	,	f	2	f	f	,	
X5117 Outer Gabbard	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Mine Counter Measures.	Active													173.35	158.69												
X5121 - X5120 - X5119 N+S Galloper Kentish Knock	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													176.35	163.59	f	f	f	f	а	f	f	a	f	f		
		accurate by the developer.																												
D206 CARDINGTON	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Balloons and Unmanned Aircraft Systems (VLOS / BVLOS).	Active													181.83	134.99	T	1	1	,	a	1			ı	'		
D139 FINGRINGHOE	NATS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	Live Firing, Demolition of UXO and Unmanned Aircraft Systems (VLOS).	Active													183.25	159.99	f	f	f	f	a	f	f	а	f	f		
D513B DRURIDGE BAY	NATS	High - Third party project details published in	Airforce Danger Areas	Active													197.13	207.58	f	f	f	f	a	f	f	a	f	f	f	f
		the public domain and confirmed as being 'accurate' by the developer.	0																											
																			f	f	f	f	a	f	f	a	f	f	f	

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

Burland	Deta Occupation	D. C. C. C. L	lu.c.	0	Constru	ction Perio	od (red ou	tline deno	_	/ offshore	construc	tion period)	10		10	l Bistone form	D: 1	I = 10				0.0		I - 10	I				
Project	Data Source(s)	Data Confidence Assessment	Notes	Status of Development	2021	2022	2023	2024	2025	2026	2027	2028	2028	2030	2031	2032 - 20XX	the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physica Processes	Water and Sediment Quality	Benthic and Intertida Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercia Fisheries	Shipping and Navigation	Military and Civil Aviation	Seascape Landscape and Visua	Offshore	Other Marine Users and Activities
GALAHAD	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE								Т					0.00	4.54	4							σ	0			
MALORY	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													0.00	6.30		-	a		a			a	a			
PICKERILL A	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		NOT IN USE						Г							0.00	12.33	d	c	a	a	a	a	f	a	a	a	f	4
PICKERILL B	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		NOT IN USE													0.00	6.38	d	c	a	a	a	a	f	a	a	a	f	a
BARQUE PB	SHELL	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE													1.40	1.40	d	С	a	a	a	a	a	a	a	a	c	a
EXCALIBUR EA	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													3.93	0.52	d	c	a	a	a	a	a		a	a	c	
BARQUE PL	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													6.57	14.29	d											
AMETHYST B1D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		NOT IN USE						Г							9.45	22.59												
LANCELOT A	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													10.37	6.34			a a								9	
WEST SOLE A PP	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													13.08	25.08		-	_		<u> </u>	_		a	<u>a</u>			
West Sole A SP	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													13.08	25.08			a	a	a	a		a	a	a	c	a
West Sole A (6 LEG)	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													13.10	25.10	d							a .				
West Sole A (8 LEG)	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													13.10	25.10	d	c			a		2	a .	a		c	
CLIPPER PH	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate		ACTIVE													14.79	20.43												

CLIPPER PW	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				14.80	20.49									
CLIPPER PT	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				14.88	20.54	d	a	a	a				c	
CLIPPER PC	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				14.92	20.60	d		a	a	a a	a	a	c	a
CLIPPER PM	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				14.97	20.65			a						
CLIPPER PR	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				15.03	20.70	d	f	a	a		a	a	c	a
WAVENEY	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				15.22	6.99			a						
WEST SOLE B	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				15.31	27.33			a a						-
ENSIGN PLATFORM	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	REMOVED				16.25	23.93	g g	,							
GALLEON PG	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				16.79	24.13	g g	,						9	
AMETHYST A2D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE				17.50	29.51	, ,								
WEST SOLE C	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				19.63	31.68		9						9	
ANGLIA A	ITHACA ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				19.84	21.56	f f	f	2		a	f			f
48/9A MIMAS	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE				20.04	32.70	f f	f	2		f	,		g G	f
AMETHYST A1D	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				20.89	28.47	f	f	a	a				c	f
CLIPPER SOUTH	INEOS INDUSTRIES	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				21.42	26.09	f f	f	aaa			f		С	f
HOTON	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE				22.83	34.78	f f	g	a a	a	a	f		С	f

SKIFF PS	SHELL PLC	It link Third and and a	PLATFORM	ACTIVE		•			04.00	20.05		_							
SKIFF PS	SHELL PLC	High - Third party project details published in the public domain and confirmed as	PLATFORM	ACTIVE					24.36	30.65									
		being 'accurate' by the Crown Estate																	
											f f	g	a a	a	а	f f	a	С	f
GALLEON PN	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown	PLATFORM	ACTIVE					25.90	32.51									
		Estate									f f	f	a a	a	a	f f	a	С	f
AUDREY B (XW)	SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ABANDONED					28.29	35.93									
SATURN ND	HARBOUR ENERGY PLC	High - Third party project	PLATFORM	NOT IN USE					28.67	38.35	f f	f	a a	a	f	f f	d	g	f
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									e e				,	e f			f
BLYTHE JACKET	IOG PLC	High - Third party project	PLATFORM	ACTIVE					29.69	22.16	<u>' '</u>	9	d d	a	ī	· '	-	9	
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									f f	f	a	a	a	f f	a	c	f
AMETHYST C1D	PERENCO OIL & GAS		PLATFORM	NOT IN USE					29.70	34.09									
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									g g		a		f	f f			f
AUDREY A (WD)	SPIRIT ENERGY		PLATFORM	ABANDONED					31.04	38.54	, ,							Ĭ	
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									g g	f	a a	a	f	f f	d	g	f
NORTH VALIANT 2	CONOCOPHILLIPS		PLATFORM	NOT IN USE					38.20	43.70	,							Ĭ	
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									g g	q	aaa	a	f	f f		q	f
BABBAGE	NEO ENERGY GROUP		PLATFORM	ACTIVE					39.82	51.73	3 3								
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									f f	f	aaa	a	a	f f		С	f
VANGUARD	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE - in cold suspension					41.30	47.30	a a	a	a		f	f f	a		f
SOUTH VALIANT	CONOCOPHILLIPS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE - in cold suspension					43.70	48.90									
VULCAN 1	CONOCOPHILLIPS	High - Third party project	PLATFORM	NOT IN USE					45.00	49.00	g g	g	a a	a	f	f f	a	g	f
		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									g g	g	a a	a	f	f f	a	g	f
ROUGH AP	CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	NOT IN USE					47.85	55.90									
ROUGH AD	CENTRICA STORAGE	High - Third party project	PLATFORM	NOT IN USE					47.86	55.88	f f	g	a a	а	f	f f	а	g	f
	HOLDINGS	details published in the public domain and confirmed as being 'accurate' by the Crown Estate									f f		a	1	f	f f		a -	f
	H PERENCO OIL & GAS		PLATFORM	ACTIVE					49.12	61.07									
CC		details published in the public domain and confirmed as being 'accurate' by the Crown Estate									f f	a	a	a	a	f f		c	f
RAVENSPURN NORT CCW	H PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	PLATFORM	ACTIVE					49.15	61.10		9							
											f f	g	a a	a	a	f f	a	С	f

PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							49.71	62.80	ff	a	a		a	f		t f
WALDORF PRODUCTION	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							49.90	57.51	fff					f f		
CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							49.95	57.36	fff		3 3			f		f
CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							49.95	57.42	, ,	9						
CENTRICA STORAGE HOLDINGS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							49.95	57.31		9		-				
ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							50.80	48.80	, ,	f		-				
H PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							51.27	63.29	, ,			-				ļ
PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							52.55	66.65	f					f f		ļ
H PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							52.80	64.78	f					f f		,
T IOG PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							53.58	57.27	f	9				f f		,
ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							54.00	47.64	f	f				f f		
SPIRIT ENERGY	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							54.30	63.14								,
ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							55.47	56.44	f	f				f		,
H PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							55.71	67.83	f	q	f			f		f
PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							56.33	69.56	f	f	f			f		f
PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	RM ACTIVE							56.34	69.57	f f	f	f	a	a	f f	a f	f
	CENTRICA STORAGE HOLDINGS CENTRICA STORAGE HOLDINGS CENTRICA STORAGE HOLDINGS ENI UK LIMITED TH PERENCO OIL & GAS TH PERENCO OIL & GAS	details published in the public domain and confirmed as being 'accurate' by the Crown Estate WALDORF PRODUCTION High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate CENTRICA STORAGE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate CENTRICA STORAGE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate CENTRICA STORAGE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate CENTRICA STORAGE High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate PERENCO OIL & GAS High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate PERENCO OIL & GAS High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate The PERENCO OIL & GAS High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate ENI UK LIMITED High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Est	delails published in the public domain and confirmed as being 'accurate by the Crown Estate WALDORF PRODUCTION High. Third party protect domain and confirmed as being 'accurate by the Crown Estate CENTRICA STORAGE High. Third party protect domain and confirmed as being 'accurate by the Crown Estate CENTRICA STORAGE High. Third party protect domain and confirmed as being 'accurate by the Crown Estate CENTRICA STORAGE High. Third party protect domain and confirmed as being 'accurate by the Crown Estate CENTRICA STORAGE High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate ENI UK LIMITED High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate ENI UK LIMITED High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate PERENCO OIL & GAS High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate PERENCO OIL & GAS High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate PERENCO OIL & GAS High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate PERENCO OIL & GAS High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate PERENCO OIL & GAS High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate ENI UK LIMITED High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate ENI UK LIMITED High. Third party protect details published in the public domain and confirmed as being 'accurate by the Crown Estate ENI UK LIMITED High. Third party protect details published in the public domain and confirmed as being 'accurate by the	decimies published in the public decimies and conformed as the convenience of the conveni	Jesiah published in the public powers and controlled as Ecolor Ecolor Controlled as Ec	INVALIDATION PRODUCTION WALDOWS PRODUCTION WALDOWS PRODUCTION WALDOWS PRODUCTION WALDOWS PRODUCTION WALDOWS AND HIGH TWO AND	ORDER SOURCE FOR EACH STATE OF COME STATE OF	Seeking produced and the public being produced by the Commission State Com	Market published in the published of the published in the published of the published of the published in the published of the published of the published in the published of the published of the published in the published of the published of the published in the published of the	March Marc	Color Price Color Color	Mode Mode	Wilder Proceeding Wilder Wilder	Control Cont	Column	March Service Servic	Address Addr	Comparison Com

CLEETON WLTR	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			56.38	69.61							
CLEETON RISER TOWER	PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			56.38	69.60	f f	f f	a	a a	f f	a	f f
RAVENSPURN NORT	TH PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			56.88	68.93	ff	g f	2		f	a	f f
LEMAN F	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			58.73	61.53	f f	g f					, , , , , , , , , , , , , , , , , , ,
LEMAN G	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			59.40	62.50							
RAVENSPURN SOUT C	H PERENCO OIL & GAS	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			59.50	71.93		g f					
48/29A-P	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			59.88	55.95		9 1					
48/29A-Q	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			59.89	56.02							
48/29A-FTP	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			59.93	55.96	f	,			,		· ·
SCHOONER A	DNO NORTH SEA	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	REMOVED			60.97	73.77							o f
LEMAN AK	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.88	65.91	s s	g f			,	f	f
52/5A	ENI UK LIMITED	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.89	59.95	, ,	, s				į	,
LEMAN AC	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.90	65.94							
LEMAN AD1	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.91	65.93		g f					
LEMAN AP	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.93	65.96	f	g f					f
LEMAN AD2	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE			62.95	65.98	f f	g f	a		f	f	f

LEMAN CD	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	63.69	66.95	f	g f			
LEMAN CP	SHELL PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	63.71	66.97	f f	g f			
LEMAN BT	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	65.79	69.02	f f				
LEMAN BD	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	66.40	69.61		g f			
LEMAN BP	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	66.42	69.64		9 f			
Tolmount	HARBOUR ENERGY PLC	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	66.47	79.20	g g	g f			
INDE BD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	66.78	73.54	s 5	g f			
INDE BP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	66.81	73.56		g f			
INDE D	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	68.40	74.51	, , ,				
LEMAN E	SHELL UK	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	68.60	71.62	f f	g f			
LEMAN ED	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	68.86	72.08	f f	g f			
LEMAN EP	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	68.86	72.08	, , ,	g f			
LEMAN AX	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	70.35	73.65	, , ,	g f			
LEMAN AQ	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	70.38	73.68	f	g f			
LEMAN AD	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	70.39	73.67	, ,	g f	a		
Leman 27 AC	PERENCO	High - Third party project details published in the public domain and confirmed as being 'accurate' by the Crown Estate	ACTIVE	70.40	73.70	f f	g f		ff	f f f

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

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

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

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

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

Offshore Cumulative Effects Assessment Matrix - Offshore Wind UK

=		lee :	1	In Constru	uction Per	riod (red ou	utline denote	s ODOW	offshore	In Constr	uction per	iod)		_	To a		1=-												0 = 0
Project	Data Data Confidence Source(Assessment s)	Notes	Status of Development	2021	2022	2023	2024	2026	2026	2027	2028	2028	2030	2031	2032 - 20XX	Distance from the array area (km)	Distance from the Offshore Export Cable Corridor (km)	Physical Processes	Water and liment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	rine Mammals	Offshore Ornithology	Commercial	Shipping and Navigation	itary and Civil Aviatior	Seascape andscape and Visual	Offshore archaeology	Other Marine Users and Activities
	Difference																		Sec			ā Z				Ξ	ت		
Triton Knoll	https://o pendata- thecrow nestate. High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation																										
Dudgeon Extension	opendat 'accurate' by The Crown pendata- High - Third party project	Offshore Wind Farm	Consented											-	-	8.54	5.55	С	С	b	b	a	b	а	а	С	а	С	á
Dagoon Extension	thecrow nestate. opendat a arcgis. details published in the public domain and confirmed as being a courate by The Crown	Silonole Willia Fallin	Consumed																										
	com/dat asets/2															13.53	0.02	С	С	С	С	С	b	С	С	С	С	С	a
Dudgeon	pendata- thecrow nestate. High - Third party project details published in the public domain and	Offshore Wind Farm	Active/In Operation												Г			-											
Hornsea Project Two	opendat 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation				\vdash								-	19.89	11.15	С	С	b	b	a	b	а	a	С	а	С	à
(HOW02)	pendata- thecrow nestate. opendat 'accurate' by The Crown															20.22	35.54	f	f	f	g	a	b	С	a	c	a	С	a
Hornsea Project One (HOW01)	https://o pendata- details published in the	Offshore Wind Farm	Active/In Operation																										
	nestate. opendat 'accurate' by The Crown															23.10	38.20	f	f	f	g	a	b	a	a	С	a	С	a
Race Bank	https://o pendata- thecrow nestate. High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation																										
Sheringham Shoal Extension	opendat 'accurate' by The Crown pendata-High - Third party project	Offshore Wind Farm	Consented										+		+	23.50	0.00	С	С	D	0	a	D	a	a	С	5.	C	
	thecrow details published in the nestate, public domain and confirmed as being a.arcgis, 'accurate' by The Crown com/dat																												
Sheringham Shoal	asets/2 https://o High - Third party project	Offshore Wind Farm	Active/In Operation						_				+	+	-	26.13	8.75	С	С	С	С	С	С	С	b	С	С	С	þ
J	thecrow public domain and nestate. confirmed as being															34.04	16.68	f	f	f			b				2	•	2
Hornsea Project Four (HOW04)	opendat 'accurate' by The Crown ntus://o pendata- thecrow nestate opendat 'accurate' by The Crown High - Third party project details published in the public domain and opendat 'accurate' by The Crown	Offshore Wind Farm	Consented												Г	38.99	53.35	f	f	f	9	c		c		C	f	<u>.</u>	ļ
Lincs	nendata High - Third party project thecrow nestate, opendat a arcois, 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													46.05	0.18											-	
Humber Gateway	pendata- High - Third party project thecrow details published in the nestate. public domain and congretate confirmed as being	Offshore Wind Farm	Active/In Operation													46.05	0.18					a	J	a		C	4	U	
	a.arcgis. 'accurate' by The Crown															46.54	33.12	f	f	f	g	a	b	а	a	С	a	С	
Inner Dowsing	pendata- thecrow nestate, published in the public domain and opendat a.arcqis, 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													51.13	3.30	С	c	b	b	а	b	a	a	c	а	c	f
Lynn	pendata- thecrow details published in the nestate. opendat confirmed as being	Offshore Wind Farm	Active/In Operation																										
Hornsea Project Three	a.arcqis. 'accurate' by The Crown pendata- High - Third party project	Offshore Wind Farm	Construction													54.37	10.61	C	С	b e	b	a	D	a	a	С	a	С	
(HOW03)	thecrow details published in the nestate. opendat a.arcqis. 'accurate' by The Crown		-													60.05	70.91	f	f	f	C	С	С	С	С	С	f	f	f
Westermost Rough	pendata. High - Third party project thecrow nestate, opendat a.arcgis. 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation													60.36	58.10	f	f	,								,	
Dogger Bank South (East)	pendata- thecrow nestate. opendat confirmed as being	Offshore Wind Farm	In planning (Application submitted)																										
Norfolk Vanguard West	a.arcqis. 'accurate' by The Crown pendata-thecrow details published in the nestate. public domain and	Offshore Wind Farm	Construction													83.31	98.74	f	i e	İ	c	С	С	С	С	С	î .		
	opendat a.arcqis. 'accurate' by The Crown															83.83	86.67	f	f	f	с	С	С	С	С	С	f	f	

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

					_		_												
Dogger Bank D	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning					173.33	187.89	f f	,	f	c		· f	f	f	f	f
Greater Gabbard	pendata High - Third party project details published in the nestate, public domain and opendat a.arogis accurate by The Crown	Offshore Wind Farm	Active/In Operation					173.90	159.26	f f	f	f	a	b a	a		f	f	f
Five Estuaries Offshore Wind Farm Limited	https:// High - Third party project details published in the public domain and confirmed as being countries by The Crown	Offshore Wind Farm	In planning (Application submitted)																
Hollandse Kust E	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Construction					175.52	186.66	f f	f	f	c	c (e f	f	f	f	f
Teesside	pendata High - Third party project details published in the nestate. public domain and opendat a.arogis accurate by The Crown	Offshore Wind Farm	Active/In Operation					182.77	178.90	f f	f	f		b	a		f	f	f
Hollandse Kust (West) VI	https:// map.4c offshore com/off shorewi	Offshore Wind Farm	Construction					189.55	193.40	f f	f	f	С	c c	c f	f	f	f	f
Hollandse Kust (West) VII	https:// map.4c offshore com/off shorewi	Offshore Wind Farm	Concept/Early Planning																
Gunfleet Sands I	pendata thecrow nestate, opendat a.arcqis. High - Third party project details published in the public domain and opendat a.arcqis.	Offshore Wind Farm	Active/In Operation					191.68	174.30	f f	f	f	a	b a	a a	f	f	f	f
Gunfleet Sands II	pendata thecrow nestate, opendat a.arogis. High - Third party project details published in the public domain and opendat a.arogis 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					192.27	175.71	f f	f	f	a	b a	a a	f	f	f	f
Hollandse Kust F	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	In Construction					192.62	194.48	f f	f	f	c	c	c f	f	f	f	f
North Falls	pendata thecrow nestate, opendat a.arcqis. accurate by The Crown	Offshore Wind Farm	In planning (Application submitted)					193.50	178.50	f f	f	f	c	c	c f	f	f	f	f
Gunfleet Sands Demo	pendata thecrow nestate, opendat a_arcqis,	Offshore Wind Farm	Active/In Operation					195.88	177.50	f f	f	f	a	b a	a a	f	f	f	f
London Array	pendata thecrow nestate, opendat a.arcqis	Offshore Wind Farm	Active/In Operation					198.40	182.14	f f	f	f	a	b a	a a	f	f	f	f
Hollandse Kust (Noord)	https:// map.4c offshore com/off shorewi	Offshore Wind Farm	Active/In Operation					199.00	204.56	f f	f	f	a	f (c f	f	f	f	f
Prinses Amalia Windpark	https:// map.4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					205.38	210.70	f f	f	f	a	f a	a f	f	f	f	f
Hollandse Kust (Zuid)	https:// map.4c offshore .com/off shorewi shorewi	Offshore Wind Farm	Active/In Operation					205.80	210.20	f f	f	f		f d	c f	f	f	f	f
Hollandse Kust Zuid Holland	https:// map.4c offshore com/off shorewi High - Third party project details published in the public domain and confirmed as being accurate' by The Crown	Offshore Wind Farm	Active/In Operation					209.23	213.48	f f	f	f	a	f c	c f	f	f	f	f
NSW Offshore windpark Egmond aan Zee	https:// map.4c offshore com/off shorewi High - Third party project details published in the public domain and confirmed as being accurate' by The Crown	Offshore Wind Farm	Active/In Operation					213.70	219.30	f f	f	f		f	f	f	f	f	f
OWF Egmond aan Zee	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					213.75	219.27	f f	f	f	a	aa	f	f	f	f	f

WP Q10 / Eneco Luchterduinen	https:// High - Third party project map.4c details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation															
HKZ Kavel IV	shorewi accurate' by The Crown https:// High - Third party project	Offshore Wind Farm	Active/In Operation					214.10	218.76	f f	f f	a	f	a	f	f f	f	f
TINZ KAYOTIV	map.4c details published in the offshore public domain and com/off shorewi 'accurate' by The Crown	Change Wind I ami	Active/iii Operation					215.02	219.46	f f	f f	a	f	С	f	f f	f	f
Windenergiegebied Borssele zuidzijde/Borselle 2	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					215.32	207.51		, ,						,	į
Mermaid	https://w Medium - Third party ww.oce an- the public domain but not energy- systems 'accurate']	Hybrid Wave/Wind Energy	Active/In Operation					215.52	207.14	f f	f f	a	f	e	- ' -	f f	f	f
Borssele Kavel IV	https:// map_4c offshore .com/off shorew! accurate' by The Crown	Offshore Wind Farm	Active/In Operation					215.90	208.20	f f	ff	a	f	a	f	f f	f	f
HKZ Kavel III	https:// map.4c offshore com/off shorewider as being shorewider as being shorewider as being shorewider as being	Offshore Wind Farm	Active/In Operation					216.20	220.20	f f	f	a	,	c	f	f f	f	f
Borssele Kavel I	https:// map.4c offshore .com/off shoreviare 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					218.30	213.73	f	f		ļ			f	,	
Northwester 2	https:// map.4c offshore com/off shorewi	Offshore Wind Farm	Active/In Operation					219.40	211.20	f f	f f	a	f	a	f	f f	f	f
Belwind phase 2 (Nobelwind) (Zone 1)	https:// map_4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					219.70	212.05	f f	f f	a	f	a	f	f f	f	f
Belwind phase 1	https:// map_4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					220.70	213.01	f f	f f	a	,	a	f	f f	f	f
Kentish Flats	pendata- High - Third party project theorow details published in the nestate, opendat a.arcgis. 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					222.70	201.70	f f	f f	а	b	a	f	f f	f	f
Borssele Kavel III	https:// map_4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					222.70	216.70	f f	f f	a	f	a	f	f f	f	f
Belwind phase 2 (Nobelwind) (Zone 2)	map.4c details published in the public domain and com/off shorewi 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					223.14	215.80	f f	f f	a	f	a	f	f f	f	f
Kentish Flats Extension	pendata- thecrow nestate, opendat a arcuis, 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					223.40	201.58	f f	f f	a	c	a	f	f f	f	f
Borssele Kavel V	https:// map_4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					225.20	219.50	f f	f f	a	f	a	f	f f	f	f
Thanet	pendata- thecrow nestate, opendat a_arcujs, 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					225.79	209.80	f f	f f	a	b	a	f	f f	f	f
Seastar	https:// map.4c offshore com/off shorewidth shorewidth shorewidth shorewidth shorewidth shorewidth shorewidth shorewidth	Offshore Wind Farm	Active/In Operation					226.60	219.40	f f	f f	a	f	a	f	f f	f	f
Borssele Kavel II	https:// map_4c offshore .com/off shorewi	Offshore Wind Farm	Active/In Operation					228.30	222.90	f f	f f	a	f	a	f	f f	f	f
Northwind	https:// map.4c offshore .com/off shorewide and confirmed as being shorewide accurate by The Crown	Offshore Wind Farm	Active/In Operation					231.00	224.00	f	f	a	f	f	f	f		
		I	1					231.UU	224.UU	· '		a	1	,	•	,		

D D D.		log i ug i s	lo i ii															
Blyth Demonstration Phases 2&3	thecrow details published in the nestate.	Offshore Wind Farm	Construction															
Rentel	a.arcgis. accurate' by The Crown https:// https:// map.4c offshore public domain and	Offshore Wind Farm	Active/In Operation					231.49	234.10	f f	ff	C	С	f	f f	f	f	
Blyth Demo Phase 1	com/off shorewi 'accurate' by The Crown pendata-High - Third party project thecrow details published in the	Offshore Wind Farm	Active/In Operation					233.50	226.60	f f	f f	a	f	f	f f	f f	f	f
	nestate. opendat a.arcgis. opendat a.arcgis.							234.20	234.90	f f	f f	а	b	f	f f	f	f	f
C-Power (Zone A)	https:// map.4c offshore .com/off shorewi 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					238.50	230.70	f	, ,		·	f	,		f	f
C-Power (Zone B)	https:// htt	Offshore Wind Farm	Active/In Operation									Ì						
Norther	https:// High - Third party project map.4c details published in the offshore com/off confirmed as being	Offshore Wind Farm	Active/In Operation					238.60	231.70									
Blyth	shorewi 'accurate' by The Crown pendata-High - Third party project details published in the nestate. opendat confirmed as being	Offshore Wind Farm	Inactive/Decommissioned					240.10	233.50	f f	f f	a	f	f	f f	f f	f	
Ten Noorden van de Wadden	https:// High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning		П			240.39	240.00	g g	f f	a	f	f	f f	f f	f	f
Gebied 5 Oost (5-o)	Low - Meaningful assessment cannot be undertaken as there is limited information availab in the public domain.	Offshore Wind Farm	Concept/Early Planning					258.70	266.40	f f		e			f f	f	f	f
Dunkerque	High - Third party project details published in the 4C public domain and Offshor confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning					264.00	250.00	f	, ,		f		f	f	ļ	f
Orsted Burbo (UK) Limited	https:// High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					276.30	232.70	f	,		·	· ·	· .		f	f
N-9.3	https:// map.4c offshore .com/of .com/of	Offshore Wind Farm	Concept/Early Planning														į.	·
Orsted Burbo Extension (UK Limited	https:// https:// https:// https:// https:// high - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					278.00	286.10					,	,	,	<u>'</u>	ļ
N-9.1	https:// Low - Meaningful map.4c offshore com/of imperation availability in the public domain.	Offshore Wind Farm	In Planning					278.40	234.70									ļ
Barrow Offshore Wind Limited	https:// htt	Offshore Wind Farm	Active/In Operation					282.80	290.60	fff	, ,		f	f	f	,	f	f
ZeeEnergie / Gemini	https:// htt	Offshore Wind Farm	Active/In Operation					287.10	294.80	f	,			f	f	f		
N-6.7	https:// htt	Offshore Wind Farm	In Planning					287.50	294.80	f				f	f	f		
Deutsche Bucht	https:// htt	Offshore Wind Farm	Active/In Operation					288.70	296.40	f				f		,	f	f
N-9.4	Low - Meaningful assessment cannot be undertaken as there is limited information availab	Offshore Wind Farm	In Construction															
	in the public domain.							289.90	298.35	f f	f f	С	f	d	f f	f	T	

	To the second second	lor :	1	_															
Veja Mate	https:// map.4c offshore .com/of .com/of	Offshore Wind Farm	Active/In Operation																
N-6.6 (Also known as Nordlicht II)	https:// High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	In Planning					293.20	300.80	f f	f	f	C I	f f	f	f	f	f f	
West of Duddon Sands	'accurate' by The Crown fittps:// High - Third party project details published in the offshore public domain and	Offshore Wind Farm	Active/In Operation					293.20	300.90	f f	f	f	c i	; f	•	f	f	f f	
North Hoyle Wind Farm	.com/of fshorew confirmed as being 'accurate' by The Crown https:// High - Third party project	Offshore Wind Farm	Active/In Operation					293.80	258.00	f f	f	f	a f		f	f	f	f f	
Limited	map.4c offshore .com/of .com/of .com/of .com/of							294.60	250.00	f f	f	f	a i	r f	f	f	f	f f	i
Gwynt y Mor Offshore Wind Farm Limited	map.4c offshore .com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					296.90	252.82	f f	f	f	a f	f f	f	f	f	f f	F
Ormonde Energy Limited	https:// map.4c offshore .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					297.10	263.10	ff	f	f	a	, ,	f	f	f	f f	
N-9.2	https:// Low - Meaningful map.4c offshore undertaken as there is limited information availab in the public domain.	Offshore Wind Farm	In Planning					298.40	306.80		į			: .			,		
Buitengaats / Gemini I	https:// https:// High - Third party project map.4c offshore com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					298.40	306.30	ff	ļ	ļ	a	, ,	ļ	ļ	ļ		
Walney Phase 1	https:// https:// map.4c offshore .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					298.90	263.90	,	ļ	ļ					ļ		f
Morecambe	fittps:// map.4c offshore .com/of fshorew 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)																
BARD Offshore 1	https:// https:// https:// https:// https:// https:// details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					299.10	259.60				2				ļ		
Walney Extension 4	https:// https:// map.4c offshore .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					303.90	268.40	f	·	ļ				ļ	į	, ,	f
Borkum Riffgrund 2	https:// https:// https:// map.4c offshore .com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					304.40	312.10	,	ļ	ļ		; ,			ļ		f
Borkum Riffgrund 3	https:// map.4c offshore .com/of 'accurate' by The Crown	Offshore Wind Farm	Construction																
Walney Phase 2	https:// https:// High - Third party project map.4c offshore com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					304.40	312.00	, ,	f	f	a	f f	f	f	f		
Awel y Môr Offshore Wind Farm Limited	https:// High - Third party project map.4c offshore confirmed as being accurate' by The Crown	Offshore Wind Farm	Consented					306.90	263.40	f f	f	f	С	ff	f	f	f	f f	
Rhyl Flats	fittps:// map.4c offshore com/of fshorey 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					307.60	262.70	f	f	f	a		f	f	f	f	
N-10.2	https:// High - Third party project map.4c offshore com/of com/of accurate by The Crown	Offshore Wind Farm	Concept/Early Planning					309.10	318.30	f	f	f	С	f f	f	f	f	f	
Nordlicht I	https:// High - Third party project map.4c offshore com/of com/of accurate by The Crown	Offshore Wind Farm	In Planning					311.49	319.17	f							-	,	

EnBW He dreiht	https:// map.4c offshore offshore confirmed as being	Offshore Wind Farm	Construction															
N-10.1	com/of 'accurate' by The Crown https://map.4c High - Third party project details published in the	Offshore Wind Farm	Concept/Early Planning					313.86	321.60	f f	f	f c	c f	f	f	f f	f	f
	offshore .com/of .com/of .com/of .com/of							315.60	324.20	f f	ļ	f	c f	f	f	f f	f	f
Mona	frchos:// High - Third party project	Offshore Wind Farm	In Planning (Application					313.00	324.20									· ·
	map.4c details published in the offshore public domain and com/of confirmed as being		submitted)															
	fshorew 'accurate' by The Crown							319.10	277.20	f f	f	f c	c f	d	f	f f	f	f
Morgan	map.4c offshore com/of fshoreward fshoreward com/of com/of fshoreward com/of fshoreward com/of fshoreward accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)					320.00	282.85	ff	f	f			ļ	f f	f	f
Walney Extension Limited	https:// High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					320.40	286.40			f		,	į		,	
Rampion	pendata- high - Third party project thecrow nestate. opendat opendat confirmed as being	Offshore Wind Farm	Active/In Operation					520.40	280.40									
	a.arcgis. 'accurate' by The Crown							322.00	284.90	f f	f	f	a b	f	f	f f	f	f
Rampion 2 (Rampion Extension)	pendata- thecrow nestate, opendat a.arcgis, details published in the public domain and opendat accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)					322.01	285.16		·	•		į				,
Albatros	https:// High - Third party project map.4c offshore public domain and confirmed as being	Offshore Wind Farm	Active/In Operation					322.01	283.10									
	'accurate' by The Crown							323.00	331.00	f f	f	f	a f	f	f	f f	f	f
Berwick Bank	map.4c offshore com/of fshorew 'accurred' as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)						207.50			į						
Riffgat	https:// High - Third party project details published in the public domain and	Offshore Wind Farm	Active/In Operation					323.20	327.60			1 (c c		'		,	
Borkum Riffgrund 2	confirmed as being com/of 'accurate' by The Crown https:// High - Third party project	Offshore Wind Farm	Active/In Operation					324.10	331.55	f f	f	f a	a f	f	f	f f	f	f
Borkum Ningruna 2	map.4c details published in the offshore com/of accurate by The Crown	Onsilore Wind Famil	Active in Operation					325.30	333.00	f f	f	f a	a f	f	f	f f	f	f
Trianel Windpark Borkum Phase 2	https:// High - Third party project details published in the	Offshore Wind Farm	Active/In Operation															
	offshore .com/of fshoreur							325.50	333.20	f f	f	f a	a f	f	f	f f	f	f
EnBW Hohe See	https:// High - Third party project map.4c details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					325.60	333.40	ff	,	f	a f	f	f	f	f	f
Trianel Windpark Borkum Phase 1	https:// https:// High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation															
Borkum Riffgrund 1	https:// High - Third party project details published in the	Offshore Wind Farm	Active/In Operation					326.20	333.90	f f	f	f a	a f	f	f	f f	f	f
	offshore .com/of 'accurate' by The Crown							329.80	337.40	f f	f	f a	a f	f	f	f f	f	f
Global Tech I	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					330.46	338.36	f f	f	f s	a f	d	f	f f	f	f
GlobalTech I	https:// High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					330.50	338.40	f f	f	fa	a f	f	f	f f	f	f
Merkur Offshore (MEG Offshore I)	https:// High - Third party project map.4c details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					331.10	338.70	f		f	a £			f .	,	f
Robin Rigg East	map.4c offshore .com/of comfred as being	Offshore Wind Farm	Active/In Operation					331.10	338./0									
	fshorew 'accurate' by The Crown							334.90	310.90	f f	f	f	a f	d	f	f f	f	f

				 		 				_										
Ossian	https:// map.4c offshore .com/of	Offshore Wind Farm	Concept/Early Planning						- 10	050.40		į							f	•
Robin Rigg West	map.4c offshore .com/of shorey 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation							350.18 g	f g	ļ	f		ĺ		f	f	f	f
Harbour Energy South	map.4c assessment cannot be offshore undertaken as there is com/of limited information available in the public domain.	Offshore Wind Farm	Concept/Early Planning							352.00 f	f	·	f		j		f	,	f	f
Morven BP E1	https:// https:// map.4c offshore .com/of .com/of area.	Offshore Wind Farm	Concept/Early Planning							351.69 f	ļ	f	f c	f	f	f	f	f	f	f
alpha ventus	https:// High - Third party project map.4c offshore .com/of 	Offshore Wind Farm	Active/In Operation							344.50 f	f	f	f a	f	f	f	f	f	f	f
Mooir Vannin	https:// orsted.i m/mooi rvannin 'accurate' by The	Offshore Wind Farm	Concept/Early Planning							306.20 f	f	f	f e	,	d	f	f	f	f	f
Nordsren III vest	https:// map.4c offshore .com/of	Offshore Wind Farm	Concept/Early Planning							356.90 f	f	f	f e	f	f	f	f	f	f	f
Nordsee One	https:// High - Third party project map.4c offshore .com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					346	5.30 3	354.00 f	f	f	f a	f	f	f	f	f	f í	f
Nordsee Cluster B - N-3.6	https:// High - Third party project map.4c offshore com/of com/of details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning					346	5.30 3	354.50 f	f	f	f c	· f	f	f	f	f	f í	f
Nordsee Cluster B - N-3.5	https:// High - Third party project map.4c details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning					351	1.00 3	358.70 f	f	f	f c	· f	f	f	f	f	f	f
Cedar	High - Third party project cerulea details published in the nwinds. com/cer confirmed as being lacourate by The Crown	Offshore Wind Farm	In Planning							366.20 f	f	f	f c		ď		f	f	f	f
Nordsee Cluster A - N-3.8	https:// map.4c offshore .com/of 'accurate'] https:// Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning					352	2.90 3	360.47 f	f	f	f c	· f	f	f	f	f	f í	f
Neart Na Gaoithe Offshore Wind	https:// map.4c offshore .com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation							865.70 f	f	f	f a	С	f	f	f	f	f	f
Gode Wind 01	https:// High - Third party project map.4c offshore .com/of accurate by The Crown	Offshore Wind Farm	Active/In Operation							367.00 f	f	f	i a	f	f	f	f	f	f	f
Bellrock	https:// High - Third party project map.4c offshore .com/of .com/of 'accurate' by The Crown	Offshore Wind Farm	Construction							374.40	ı g	f	f c		f	f	f	f	f	f
Gode Wind 02	https:// High - Third party project map.4c offshore confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation							368.20 f	f	f	f a	f	f	f	f	f	f	f
Perpetuus Tidal Energy	https:// Medium - Third party www.oc ean- energy- accurate*	Tidal Energy	Construction							317.50 f	f	f	f	f	f	f	f	f	f	f
Dieppe - Le Treport	https:// map.4c offshore com/off shorewide are a being	Offshore Wind Farm	Construction							340.30 f	f	f	f		f	f	f	f	f	f
Nordsren II vest	https:// High - Third party project map.4c offshore .com/of accurate by The Crown	Offshore Wind Farm	Construction							374.90 f	ļ	f				,	·	f	f	f

N 2 7	L. (/ Madisus Third sants	Office and Wind France	In Diameira	 				_										
N-3.7	https:// map.4c offshore .com/of 'accurate' Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Offshore Wind Farm	In Planning															
Seagreen Bravo Wind Energy Ltd	https:// high - Third party project map.4c offshore .com/of 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					364.90	372.50			t c						
Gode Wind 3	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					366.10 367.49	381.30 375.15	f f	f	f a	C		f	f f	t t	f
Gode Wind 3	https:// High - Third party project map.4c details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					367.50	375.20	, ,	f	f a	f	f	f	, ,	ļ	f
Seagreen Alpha	High - Third party project www.se agreen winden ergy.co	t Offshore Wind Farm	Active/In Operation					375.50	385.80	f f	f	f a	С	f	f	f f	f	f
Cenos	High - Third party project details published in the offshore public domain and confort fshorew 'accurate' by The Crown	Floating Offshore Wind Farm	In Planning					375.70	391.00	f f	f	f		d	l,	f f	f	f
Inch Cape Offshore Ltd	https:// High - Third party projection map.4c details published in the offshore public domain .com/of	t Offshore Wind Farm	Construction					376.05	385.90	ff	f	fc	c	f	f	f f	f	f
West Anglesey Demonstration Zone	https:// www.oc ean- energy- accurate] Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Tidal Energy	Construction					380.10	334.56	f f	f	f c	f	f	f	f f	f	f
Draig y Mor	High - Third party project details published in the public domaincom/wi ndfarms	t Floating Offshore Wind Farm	Concept/Early Planning					385.13	338.46	f f	ļ,	f e	,		f	f f	f	f
Holyhead Deep	https:// Medium - Third party project details published in the public domain but not confirmed as being 'accurate'	Tidal Energy	Active/In Operation					385.20	339.78	a a	f	f e		ļ	ļ	f	f	f
Sandbank	https:// https:// High - Third party project powerpi ants.vat tenfall.c 'accurate' by The	Offshore Wind Farm	Active/In Operation					385.70	395.50	f f	f	f		f	f	,	f	f
Holyhead Deep 0.5MW Site	om/san -	Tidal Energy	Active/In Operation					386.76	341.01	f f	f	f a	f		l,	f	f	f
Forthwind Ltd	https:// High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Construction					389.10	388.00	f	f	f c	f	f	ļ	, ,	f	f
CampionWind	https:// map.4c details published in the offshore com/of	t Offshore Wind Farm	In Planning					390.00	404.50	f	f	f e	c		f	f	f	f
Levenmouth Demonstration Turbine (Energy Park Fife)	High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	Active/In Operation					390.57	389.64	f f	f	f		d	f	f f	f	f
Methil Demo	High - Third party project 4C details published in the Offshor public domain	t Offshore Wind Farm	Active/In Operation					390.73	388.89	f f	f	fa	С	d	f	f f	f	f
Culzean	https:// www.en details published in the ergyvoic e.com/o	t Floating Offshore Wind Farm	Consented					393.90	409.30	f f	f	f c		d	f	f f	f	f
Fecamp	https://w ww.enbr idge.co m/project details published in idge.co m/proje confirmed as being 'accurate']	Offshore Wind Farm	Construction					394.40	363.90	f f	f	f a	f	f	f	f f	f	f
Bardsey Sound	https:// www.oc ean- energy- Low - Meaningful assessment cannot be undertaken as there is limited information available in the public domain.	Tidal Energy	withdrawn					395.82	345.66	g q	f	f e	,	f	f	f f	f	f

			1-	 				 											
Nordsren II	Low - Meaningful CO assessment cannot be undertaken as there is limited information available in the public domain.	ffshore Wind Farm	Construction					398.20	410.30	f f	f	f	r	f		f	f	f	f
(Bowdun)	https:// High - Third party project C map.4c details published in the offshore com/of	offshore Wind Farm	Concept/Early Planning					398.50	413.80	f f	f	f	e	f f	f	f	f	f	f
DanTysk	fchscow https:// High - Third party project C map.4c details published in the offshore public domain com/of	offshore Wind Farm	Active/In Operation					402.20	411.60	f	ļ	f	а	f f	f	f	f	f	f
Parc eolien pose au large de la Normadie (AO4)	map.4c offshore com/off shorewi		In Planning					406.90	369.10	f f	f	f	c	f f	f	f	f	f	f
	www.p ower- technol ogy.co	offshore Wind Farm	In Planning					406.90	369.10	f f	f	f	e	f		f	f	f	f
Meerwind Sued/Ost	https://map.4c offshore .com/of	offshore Wind Farm	Active/In Operation					410.20	417.90	f f	f	f		f f		f	·	f	f
	https:// High - Third party project C www.n senerg ybusine	offshore Wind Farm	In Planning					410.60	372.10	f f	f	f				·	,	f	f
Nordsee Ost	ss.com https:// High - Third party project Compap.4c details published in the offshore public domaincom/of	offshore Wind Farm	Active/In Operation					411.20	418.90	· ·		,		f		,	, ,	,	f
Amrumbank West	febergery https:// map.4c offshore _com/of	offshore Wind Farm	Active/In Operation		П						ļ		a						
Nordsren III	High - Third party project C 4C details published in the Offshor public domain e	offshore Wind Farm	In Planning					413.70	421.40				a						
Nordsren I	High - Third party project C 4C details published in the Offshor e	offshore Wind Farm	In Planning					415.60	428.30	1 I	f	f	С	f d	ָ ֪֖֭֞֞֓֓֓֓֓֓֓	, I		f	f
Kincardine Offshore WF Ltd	https:// map.4c offshore .com/of	offshore Wind Farm	Active/In Operation					419.60	434.80	f f	ļ	ļ	a			ļ	· •	ļ	f
Kaskasi II	febergery https:// map.4c details published in the offshore com/of	offshore Wind Farm	Active/In Operation					419.67	431.60	f f	ļ	f	a	f	ļ	f	f	ļ	f
Lir (Future Development Area)	https://l https://l iroffsho rearray.i. e/	offshore Wind Farm	In Planning				Т	424.11	382.86	f f	ļ	ļ	Q	f		f	·	ļ	f
Muir Mhòr	https:// High - Third party project C muirmh or.co.uk /docum	offshore Wind Farm	In Planning				Г	428.10	442.80	f f	f	f		f f	f	f	f	f	f
North Channel Wind 2	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	offshore Wind Farm	In Planning					431.70	402.39	f f	ļ	f		f		f	·	ļ	f
		offshore Wind Farm	In Planning					431.70	391.06	f		,		,					f
Butendiek	https:// map.4c offshore .com/of	offshore Wind Farm	Active/In Operation											,					,
Nordergruende	https:// map.4c offshore	Offshore Wind Farm	Active/In Operation					434.20	442.94				a						

	THILDS // L	1	L	 		 	 	_										
Sea Stacks	www.se astacks the public domain but not offshore confirmed as being wind.ie/	Offshore Wind Farm	Withdrawn					441.94	396.60			ļ			·			
Strangford Lough	https:// www.oc ean- energy- High - Third party projec details published in the public domain	Tidal Energy	Active/In Operation					442.12	407.74	f f	· '	a	f	f	f	f f	ļ	f
Greystones	Medium - Third party greysto nesoffs horewin d.com/ Medium - Third party project details published in the public domain but not confirmed as being 'accurate']	Offshore Wind Farm	In Planning					442.13	396.42	f f	·		f	d	ļ	f f	f	f
Lir (Site B)	https://l iroffsho iroffsho rearray.i limited information available e/ in the public domain.	Offshore Wind Farm	Concept/Early Planning					443.26	400.59	f f	f f	е	,	d	f	f f	f	f
Horns Rev II	High - Third party project details published in the public domain and e Wind confirmed as being cardinary by The Crown	Offshore Wind Farm	Active/In Operation					445.50	456.00	f f	f f		,	d	f	f f	f	f
Aberdeen Offshore WindFarm Ltd	https:// High - Third party projec map.4c details published in the offshore public domain	Offshore Wind Farm	Active/In Operation					446.46	461.60	f f	f f	а	b	f	f	f f	f	f
Latitude 52	fritps:// dpenerg y.com/p y.com/p roject/l atitude- in the public domain.	Offshore Wind Farm	In Planning					449.45	401.87	f f	ff	c	f	d	f	ff_	f	f
Lir (Site A)	Medium - Third party https://l iroffsho rearray.i e/ Medium - Third party project details published in the public domain but not rearray.i accurate']	Offshore Wind Farm	In planning					449.60	408.26	f f	f f	c	f	d	f	f f	f	f
North Irish Sea Array	https:// northiri shseaar ray.ie/	Offshore Wind Farm	in planning (Application submitted)					449.90	409.01	f f	f f	c	,	d	f	f f	f	f
Banba	High - Third party project verniae nergy.ie /project confirmed as being s/ 'accurate' by The	Offshore Wind Farm	In planning					450.84	402.85	f f	f	e	,	d	f	f f	f	f
Wicklow	https:// wicklow wicklow wighting and offshore confirmed as being wind.ie/	Offshore Wind Farm	In planning					450.87	402.95	f f	f	e	,	d	f	f f	f	f
Codling Wind Park	https:// coding windpar kie/ iaga arate iaga https:// coding public domain and windpar confirmed as being laccurate' by The	Offshore Wind Farm	In planning					451.10	404.40	f f	f f	c	f	d	f	fff	f	f
Setanta Wind Park (formerly Braymore Point)	High - Third party project details published in the erenew ables.co confirmed as being m/setan 'accurate' by The	Offshore Wind Farm	In planning					451.20	409.93	f f	f f	c	f	d	f	f f	f	f
Milford Haven Estuary (MET Phase 2) - Warrior Way		Tidal Energy	Active/In Operation					451.46	396.53	f f	f f	c	f	d	f	f f	f	f
Codling Wind Park Extensio		Offshore Wind Farm	Concept/Early Planning					452.53	405.34	f f	f f	e	f	d	f	f f	f	f
Marine Energy Test Areas (META)	High - Third party projec details published in the https://w public domain ww.met a.wales/	Wave Energy	Active/In Operation					453.09	398.17	f f	f f	С	f	d	f	f f	f	f
Horns Rev III	High - Third party projec details published in the public domain	Offshore Wind Farm	Active/In Operation					453.45	464.26	f f	f f	c	f	d	f	ff_	f	f
Flora	https:// High - Third party project powerpl details published in the ants.vat tenfall.c confirmed as being om/hor 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning					454.63	469.90	f f	f f		f	d	f	f <u>f</u>	f	f
Cooley Point	https:// High - Third party projection map.4c offshore public domain .com/of	Offshore Wind Farm	Cancelled					455.04	414.91	f f	ff	a	f	f	f	ff_	f	f

Fanm Bugt	High - Third party project details published in the public domain	Offshore Wind Farm	Cancelled					455.75	464.68	f	, ,				·		f	
Horns Rev I	High - Third party project details published in the public domain tenfall.c	t Offshore Wind Farm	Active/In Operation					456.20	466.30	f f	ff	a	f d	f	f	f	f f	
Aspen	High - Third party project	Floating Offshore Wind Farm	In Planning					456.46	470.79	f f	f f	c	f		f	f	ff	
North Channel Wind 1	https:// northch annelwi nd.com/ 'accurate' by The develope	Offshore Wind Farm	In Planning					456.80	429.50	f f	f f		f d		f	f	f f	
Hywind (Scotland) Ltd	https:// High - Third party project map.4c details published in the offshore .com/of	Offshore Wind Farm	Active/In Operation					457.20	472.53	f f	f f	a	b f	f	f	f	f f	
Beech	hitps:// www.4c offshore .com/W indfarm	Floating Offshore Wind Farm	In Planning					457.40	472.80	f f	, ,	С	C d		f	f	f f	
Courseulles-sur-mer	https:// map.4c offshore .com/off shorewi	t Offshore Wind Farm	Construction					457.72	420.99	f	f	c	f	f	f	f	f	
Dublin Array	https:// dublinar ray.com / 'accurate' by The develope	Offshore Wind Farm	In Planning (Application submitted)					460.20	414.60	f f	f f		f		f	f	f f	
Clogher Head	High - Third party project details published in the ogherhe adwind. ie/ 'accurate' by The develope	Offshore Wind Farm	In Planning					460.20	419.63	f f	, ,	e	f		f	f	f f	
South irish Sea	High - Third party project details published in the uthirish public domain and seawind confirmed as being 'accurate' by The develope	Offshore Wind Farm	In Planning					461.10	411.89	f f	, ,	c	f		f	f	f f	
Cailleach	Low - Meaningful www.4c offshore undertaken as there is .com/wi limited information available in the public domain.	Offshore Wind Farm	Withdrawn					462.36	414.17	f f	f f	Q.	f		f	f	f f	
Milford Haven Estuary (META Phase 2) -	A mttps:// www.m eta.wal ets/saciii ties/pha a Hittps://	Tidal Energy	Active/In Operation					463.99	409.10	f f	f f		f		f	f	f f	
Kilmichael Point	ntttps:// www.4c offshore .com/wi ndfarms	Offshore Wind Farm	In Planning					465.29	416.08	f f	f f	e	f		f	f	f f	
Salamander	https:// high - Third party project simplybl details published in the public domain and confirmed as being 'accurate' by The develope	Floating Offshore Wind Farm	In Planning					465.86	481.12	f	f		f		f		f f	
Oriel	High - Third party project details published in the deu/pr ojects/o confirmed as being accurate by The develope	Offshore Wind Farm	In Planning					466.60	427.20	f f	f	e	f		f	·	f f	
Ramsey Sound	High - Third party project details published in the public domain and confirmed as being 'accurate' by The develope	Tidal Energy	Active/In Operation					466.74	412.75	f f	f		f		f	f	f f	
Arklow Bank 2	High - Third party project details published in the public domain and ables.co m/offsh 'accurate' by The develope	Offshore Wind Farm	Concept/Early Planning					466.80	418.80	f	f	e	f		,	f	f	
South Pembrokeshire Demonstration Zone	High - Third party project details published in the public domain public domain		Concept/Early Planning					467.83	412.30	f	f	e	f d		f	f	f	
Harbour Energy North	https:// www.4c offshore .com/wi .com/wi ndfarms 'accurate' by The develope	Floating Offshore Wind Farm	Withdrawn					467.83	483.88	f	f		f				f	
	muranna ==================================	1						406.00	403.00		'				'		'	

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The Control of the Co		ables.co confirmed as being															
Color December Color C								472.00	423.30	f f	f f	a f	d	f	f f	f f	
Company	Thor	https:// Idetails published in the	Offshore Wind Farm	Construction													
March Control of C		thor.rw public domain and															
Management of the control of the con		e.com/ confirmed as being															
Company Comp								473.75	485.85	f f	f f	c f	f	f	f f	f f	
AND ACTION OF THE PROPERTY OF	Jyske Banke		Offshore Wind Farm	Withdrawn													
March Control Contro												_					
March Marc		confirmed as being										_					
March Marc								477.50	491.30	f f	f f	e g	d	f	f f	f f	
### Company of Company	Shelmalere	https:// High - Third party project	t Offshore Wind Farm	Construction													
March Marc		map.4c details published in the															
Market St. 1982 1982																	
Company Comp		6.1						479.65	428.74	f f	f f	c f	f	f	f f	f f	
March Marc	Green Volt	https:// High - Third party project	t Floating Offshore Wind	Consented													
Section Sect			Farm														
Comment Comm																	
March 2016 Sept.		'accurate' by The Crown						482.70	497.30	f f	f f	с с	d	f	f f	f f	
Company Comp	Llyr 2 Cierco Ltd.,SBM	https:// High - Third party project	t Offshore Wind Farm	Construction													
March Marc	Offshore N.V.	map.4c details published in the															
March Marc		I I															
March Marc		California						488.50	433.20	f f	f f	c f	f	f	f f	f f	
March Marc	Vesterhav Syd	https:// High - Third party project	t Offshore Wind Farm	Active/In Operation				I									
March Marc																	
March Marc																	
Company Comp		I						491.90	503.20	f f	f f	a f	d	f	f f	f f	
### Common Commo	Marram			In Planning													
Company Comp		and the description of	rarm														
For Control 2019 1997		WIIIU.CO Confirmed as boing															
File of NV. See Company of Compa		'accurate' by The develope						499.80	514.10	f f	f f	с с	d	f	f f	f f	
Column Parally (Parally Cost Column Colu	Llyr 1 Cierco Ltd.,SBM	https:// High - Third party project	t Offshore Wind Farm	Construction													
Control Cont	Offshore N.V.	map.4c details published in the															
Annual Column Annual Colum		I I															
description of the published in file published in file published in the pu		.com/of						499.90	444.70	f f	f f	c f	f	f	f f	f f	
Section Control Cont	Erebus Floating Wind Demo		t Offshore Wind Farm	Construction													
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Control PULL Contro		'accurate' by The Crown						502.40	447.60	f f	f f	c f	d	f	f f	f f	
Although Country Count	Round 5 PDA 1	High - Third party project	t Floating Offshore Wind	Concept/Early Planning													
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His Cross Care Service Control Contro		0.uk/ou l'accurate' by The Crown						504.60	449.60	f f	f f	e f	d	f	f f	f f	
official control of the control of t	White Cross	High - Third party project	t Offshore Wind Farm	In Planning													
AMAP - South Coast Word Page 1 AMAP - South Coast Word Page 2		l luctaiis published iii the															
MAP - Scott Costs Week Part Time party project John Common Party																	
MAP - South Coast Map - South Coast Map -		The l'accurate' by The						505.90	450.40	f f	f f	c f	d	f	f f	f f	
Subjects (additional public domain months) William (additional publ	DMAP - South Coast	Inttps:// High - Third party project	t Offshore Renewable	In Planning													
Solitions was all general published in the several by Tarri Granty project was all grants and several by Tar		v ie/en/ details published in the	Energy									_					
in the Construction of Constru		publicat										_					
All Part of The Property of Section 2015 (1997) (19		ion/36d						508.10	455.70	f f	f f	e f	a de	f	f f	f f	
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ConceptEarly Planning South S PDA2 South S		wind.co public domain and															
Sound 5 PDA3 with the public domain and solution of continued as being occurate PM The Crown occurs of the public domain and solution occurs occurs on the public domain and solution occurs occurs on the public domain and solution occurs occurs occurs on the public domain and solution occurs o		Im/our- l'accurate' by The Crown						508.10	452.90	f f	f f	c f	d	f	f f	f f	
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Sound S PDA2 Www.tri www.tri www.tri confirmed as being outh C on Structions 0.3 - Ntps://www.sout www.sout ww		10.UK/0U l'accurate' by The Crown						510.50	455.00	f f	f f	e f		f	f f	f f	
www.ful details published in the ecrowing public domain and state. Confirmed as being out/ful to the fast Wind will be state to the state out of the state out	Round 5 PDA2	1" Ligh Third party project	t I Floating Offshore Wind	Concept/Early Planning				,	1								
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accurate by The Crown highest Wind high system was to dealth public domain and shorew in the Internation of		Petrowii Inublic domain and															
https://w High - Third party project would details published in the teroffsh orewind cortismed as being acreased as being and orewind cortismed as being and cortismed as being and cortismed as being and confirmed as being and con		o.uk/ou laccurate by The Crown						520.50	465.20	f f	f f	e f		f	f f	f f	
with source of shorew of shore of sho	South East Wind	Introc.//wIHigh - Third party project	Offshore Wind Farm	Withdrawn				320.30									
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ww.sout assessment cannot be hewstoff undertaken as there is shorewin nd.ie/ in the public domain. lackwater Muture Migh - Third party project border in the public domain and confirmed as being Mithdrawn	Future In Constructions 03 -	https://w/Low-Meaningful	Offshore Wind Farm	Concept/Early Planning				322.73	470.00								
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nd.ie/ in the public domain. Iackwater Tutps:// blackwar High - Third party project blackwar High - Third party project portion or wind of the final public domain and or wind confirmed as being High - Third party project High - Third pa		hwestoff undertaken as there is															
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523.98 4/1.21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		orewind confirmed as being	er					F33.00	A74 34	,				,	, ,	,	
		.com/ accurate by the develope	"	I				523.98	4/1.21	Г	Г	T T	0	<u> </u>	ı	T T	

Vesterhav Nord	https:// High - Third party project Offshore Wind Fawww.p ower-technol Wind Fawww.	m Active/In Operation					525.90	538.10	f f	f	f	a 1	d d	f	f	f	f f
Broadshore	www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Wind In Planning					534.43	549.60	f f	f	f	с	s f	f	f	f	f f
Buchan	www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Wind In Planning					536.84	552.04	f f	f	f	c i	· f	f	f	f	f f
Scaraben	Www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Wind In Planning					537.31	552.58	f f	f	f	c (: d	,	f	f	f f
Caledonia	www.4c details published in the offshore public domain and com/wi confirmed as being ndfarms 'accurate' by The Crown	Offshore In Planning (Application submitted)					537.40	552.70	f f	f	f	c (c d	ţ	f	f	f f
Renland	www.4c details published in the offshore wind Faddetails published in the public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	m In Planning					544.00	556.18	f f	f	f	a f	ď	f	f	f	f f
Nissum Bredning	www.4c details published in the offshore ublic domain and confured as being ndfarms 'accurate' by The Crown	m Active/In Operation					545.70	557.89	f f	f	f	a 1	· d	,	f	f	f f
Sinclair	Www.4c details published in the offshore public domain and .com/wi oconfirmed as being ndfarms 'accurate' by The Crown	Wind In Planning					546.69	561.97	f f	f	f	e		f	f	f	f f
Malin Sea Wind	www.d ublinoff shore.ie //update	Wind In Planning					550.60	530.60	f f	f	f	c i		f	f	f	f f
Machair	Www.4c details published in the offshore upblic domain and confirmed as being ndfarms 'accurate' by The Crown	m In Planning					550.60	530.60	f f	f	f	c		f	f	f	f f
Moray East	Www.4c details published in the offshore .com/wi confirmed as being ndfarms 'accurate' by The Crown	m Active/In Operation					554.60	569.90	f f	f	ŗ	a f	d	I	f	f	f f
Helvick Head	www.4c project details published in offshore I be public domain but not .com/wi onfarms 'accurate'] Medium - Third party Offshore Wind Fa www.4c project details published in the public domain but not .com/wi onfarms 'accurate']	m In Planning					555.28	503.21	f f	f	f	e f	d	f	f	f	f f
Shearwater One	www.4c details published in the offshore public domain and	Wind Cancelled					556.66	533.13	f f	f	f	e f		f	f	f	f f
Moray West	Www.4c details published in the offshore ublic domain andcom/wi confirmed as being ndfarms 'accurate' by The Crown	M Active/In Operation					557.20	572.20	f f	f	f	a	s f	f	f	f	f f
Lillebklt Syd	Www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	m In Construction					560.90	569.05	f f	f	f	c í	· d	f	f	f	f f
Saint-Brieuc	www.4c details published in the offshore upublic domain and confirmed as being ndfarms accurate by The Crown	m Active/In Operation					567.40	521.89	f f	f	f	a	f	f	f	f	f f
Beatrice	www.ib details published in the production and com/ab out- 'accurate' by The Crown	m Active/In Operation					567.80	583.10	f f	f	f	а		f	f	f	f f
Stromar	Www.4c details published in the offshore public domain and com/wi confirmed as being ndfarms accurate by The Crown	Wind In Planning					568.30	583.60	f f	f	f	С		f	f	f	f f
TwinHub	Www.4c details published in the offshore public domain and .com/wi confirmed as being	m Consented											4				
	ndfarms 'accurate' by The Crown						573.70	518.60	t f	f	f	C	d	f	f	f	T f

[IIIIIps.// [High Third party project	Offebere Wind Form	Canaant/Early Diagning																				
www.4c details published in the offshore public domain and	Offshore Wind Farm	Concept/Early Planning																				
High - Third party project www.4c offshore public domain and	Offshore Wind Farm	Withdrawn									589.10	535.86	f f	f	f	С	f	d	f	f f	f	f
ndfarms 'accurate' by The		e Concept/Early Planning									605.83	553.54	f f	f	f	е	f	d	f	f f	f	f
offshore public domain and	Wind Farm										606.20	621.60		ļ	f		f		£ .			į.
mttps:// High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being affarms 'accurate' by The	Offshore Wind Farm	Active/In Operation											f f	f	·	3	f		f		·	f
High - Third party project www.4c details published in the offshore public domain and com/wi confirmed as being	Offshore Wind Farm	Cancelled											f f	f	f	a	f	d	f	f f	f	f
mttps:// High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being affarms 'accurate' by The	Offshore Wind Farm	Cancelled											f f	f	f	e	f	d	f	f f	f	f
High - Third party project www.4c details published in the offshore public domain and com/wi confirmed as being	Offshore Wind Farm	Concept/Early Planning											f f	f	f	c	,	ď	f	f f	f	f
mttps:// High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The	Offshore Wind Farm	Concept/Early Planning											f f	f	f	а	f	d	f	f f	f	f
floating public domain and wind.co confirmed as being	Floating Offshore Wind Farm	Concept/Early Planning									637.39	584.77	f f	f	f	е	f	d	f	f f	f	f
High - Third party project details published in the public domain and AB / confirmed as being COP 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning									639.80		f f	f	f	С	f	f	f	f f	f	f
offshore public domain and	Offshore Wind Farm	Active/In Operation									640.38		f f	f	f	а	f	G	f	f f	f	f
High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being	Offshore Wind Farm	Cancelled											f f	f	f	е	f	-c	f	f f	f	f
Low - Meaningful assessment cannot be undertaken as there is	Offshore Wind Farm	In Construction									645.13	654.01	f f	f	f	С	e	d	f	f f	f	f
Low - Meaningful assessment cannot be undertaken as there is Offshor limited information available ttd	Offshore Wind Farm	Concept/Early Planning									649.66	612.57	f f	f	f	е	f	d	f	f f	f	f
High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation											f f	f	f	а	f	d	f	f f	f	f
Vest or Orkney Orkney Total Energie S N1 High - Third party project details published in the public domain and confirmed as being 'accurate' by The Crown	Offshore Wind Farm	In Planning (Application submitted)									664.20	676.60	f f	f	f	С	f	f	f	f f	f	f
Low - Meaningful assessment cannot be Inis undertaken as there is Offshor limited information available Wind in the public domain.	Offshore Wind Farm	Concept/Early Planning									664.59	612.02	f f	f	f	С	f	d	f	f f	f	f
www.4c assessment cannot be offshore undertaken as there is	Offshore Wind Farm	Concept/Early Planning									667.75	631 64	f	f	f	e	f	d	f	f f	f	f
High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation									501.13	531.04										
	offshore .com/wi ndfarms inttps:// www.4c offshore .com/wi .com/wi ndfarms inttps:// www.4c offshore .com/wi .com/wi ndfarms inttps:// www.4c offshore .com/wi ndfarms inttps:// inttps:// www.4c offshore .com/wi ndfarms inttps:// i	www.4c details published in the offshore will dealis published in the offshore bublic domain and com/will com/will and will be being accurate by The www.4c details published in the offshore offshore will be being accurate by The crown will be being will be will	in the control of the	www.4. In the property of the	deside published in the officiancy and successful by The Service of Service o	Additional public continues of the control of the c	Sevention of Common and Sevention of Sevention and Sevention of Common and Sevention of Sevention Seven	Security Control of Co	Conceptibility of the control of the	White Common and Commo	Work of Control and State Stat	week of the property of the pr	April	Company Comp	Committee Comm	March Column Co	Control Cont	Committee Comm	April Control April Co	Company Comp	Commonweight Comm	Company Comp

					_		_											
Trem Mkllebugt	High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Concept/Early Planning															
Kattegat II	'accurate' by The High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Cancelled					676.75	687.83	f f	f f	c	f d	f f	f	f	f f	
Kattegat I	'accurate' by The High - Third party project	Offshore Wind Farm	Concept/Early Planning					681.87	691.89	f f	f f	е	f d	f	f	f	f f	
	details published in the public domain and confirmed as being 'accurate' by The							692.32	703.53	f f	f f	С	f d	f	f	f	f f	
Anholt	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					695.67	706.17	f f	f f	a	f d	f	f	f	f f	
Havbredey	Www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning					703.20	710.30	f f	f f	c	f d	f	f	f	f f	
Frederikshavn Offshore	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					710.72	722.88	f f	f f	a	f d	f	f	f	f f	
Hesselk	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					719.82	730.00	f f	f f	С	f d	f	f	f	f f	
Spiorad na Mara	High - Third party project www.4c offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Offshore Wind Farm	Concept/Early Planning					722.00	721.50	f f	f f	С	f d	f	f	f	f f	
Kadetbanke	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled					722.19	729.87	f f	f f	e	f d	f	f	f	f f	
Sceirde Rocks	Hittps:// High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					722.90	678.70	f f	f f	С	f d	f	f	f	f f	
Gennaker	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					723.16	730.84	f f	f f	С	f d	f	f	f	f f	
Arven	mttps:// High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning					730.80	745.70	f f	f f	С	f d	f	f	f	f f	
EnBW Windpark Baltic 1	High - Third party project details published in the public domain and confirmed as being 'accurate' by The		Active/In Operation					734.33	742.01	f f	f f	a	f d	f	f	f	f f	
Clarus	High - Third party project www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					734.99	688.69	f f	f f	С	f d	f	f	f	f f	
Talisk	High - Third party project www.4c offshore com/wi confirmed as being ndfarms 'accurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning					736.60	739.80	f f	f f	С	f d	f	f	f	f f	
Groix et Belle-Île		Floating Offshore Wind Farm	Cancelled					737.06	691.54	f	, ,		f	· ·	·	f	,	
EnBW Baltic I		Offshore Wind Farm	Active/In Operation							, ,			,					
Atlantic Marine Energy Test Site	mttps:// www.oc eanener gyirelan d.com/t in the public domain.	Offshore Wind Farm	Concept/Early Planning					737.87	745.55	f	,		f			f		
Aflandshage	GLOHI) L	Offshore Wind Farm	Dormant					738.69	700.12									
								739.70	747.70	f f	f f	е	g d	f	f	f	f f	

Avedøre Holme	High - Third party project details published in the public domain and confirmed as being	Offshore Wind Farm	Active/In Operation																
Krigers Flak Syd	'accurate' by The High - Third party project details published in the public domain and	Offshore Wind Farm	Concept/Early Planning					740.	23 748.6	7 f	f	f f	a	f	d	f	f f	f	f
Krigers Flak Nord	confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					742.	32 750.0	1 f	f	f f	a	f	d	f	f f	f	f
Tringers Fluit Nord	assessment cannot be undertaken as there is limited information availabl in the public domain.		Concept Larry Filaming					744.	00 751.6	8 f	f	f f	c	f		f	f f	f	f
Saint-Nazaire	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					746.				,	2	,		f	f f	f	ļ
Kriegers Flak	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					747.			ļ	f	a		4	f	f f	f	f
Kattegatt Syd	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					750.			,	f	9	ļ	4	f	f f	f	ļ
Galatea-Galene	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Cancelled					750.			f	f	e			f	f f	f	f
Stora Middelgrund		Offshore Wind Farm	In Construction					750.			f	f		f		f	f f	f	,
Moneypoint One	www.4c offshore undertaken as there is .com/wi limited information availabl ndfarms in the public domain.	Offshore Wind Farm	Concept/Early Planning					753.			ļ		c	f	d	,	f f	ļ	
Middelgrunden	High - Third party project details published in the public domain and confirmed as being 'accurate' by The	Offshore Wind Farm	Active/In Operation					755.			f	f f	a	f		f	f f	f	f
Sud de la Bretagne	www.4c assessment cannot be offshore undertaken as there is .com/wi limited information availabl ndfarms in the public domain.	Offshore Wind Farm	Concept/Early Planning					755.			f	f f	e	f		f	f f	f	f
Poseidon	Hitps:// www.4c offshore public domain and .com/wi ndfarms accurate by The	Offshore Wind Farm	Concept/Early Planning					755.			f	f f	С	f		f	f f	f	f
Ö287	mttps:// www.4c assessment cannot be offshore undertaken as there is .com/wi limited information availabl ndfarms in the public domain.	Offshore Wind Farm	Concept/Early Planning					756.	80 764.9	7 f	f	f f	е	f	d	f	f f	f	f
Sud de la Bretagne Extension	Www.4c details published in the offshore public domain and .com/wi confirmed as being ndfarms 'accurate' by The	Offshore Wind Farm	Concept/Early Planning					756.	96 711.7	8 f	f	f f	С	f	d	f	f f	f	f
Stoura	High - Third party project www.4c offshore offshore com/wi ndfarms daccurate' by The Crown	Floating Offshore Wind Farm	Concept/Early Planning					758.	41 773.3	4 f	f	f f	е	f	d	f	f f	f	f
llen	mttps:// www.4c offshore undertaken as there is .com/wi Iimited information availabl ndfarms in the public domain.	Offshore Wind Farm	Concept/Early Planning					758.			f	f f	е	f		f	f f	f	f
Ö285	www.4c assessment cannot be offshore undertaken as there is .com/wi limited information availabl ndfarms in the public domain.	Offshore Wind Farm	Concept/Early Planning					763.			f	f	e	f	d	f	f f	f	f
Nordre Flint	High - Third party project www.4c details published in the offshore public domain and com/wi confirmed as being ndfarms accurate by The	Offshore Wind Farm	In Construction					764.			f	f	С	f	d	f	f f	f	f
V317	www.4c offshore undertaken as there is .com/wi limited information available	Offshore Wind Farm	Concept/Early Planning																
	ndfarms in the public domain.							765.	59 776.1	1 f	f	f f	е	f	d	f	f f	f	f

EnBW Windpark Baltic 2	High - Third party project details published in the offshore public domain and	Active/In Operation														
	.com/wi confirmed as being ndfarms 'accurate' by The					767.47	775.16	f f	f f	a	f	d	f	f f	f	f
E03	www.4c offshore wind Farm assessment cannot be offshore undertaken as there is .com/wi limited information available in the public domain.	Concept/Early Planning				767.60	775.29	f f	f f	е	e	d	f	f f	f	f
Les deux oles	Tittps:// www.4c offshore offshore com/wi imited information available in the public domain.	Active/In Operation				771.19	729.64	f f	f f	e	f	d	f	f f	f	f
lles d'Yeu et de Noirmoutier	www.4c offshore Wind Farm assessment cannot be offshore undertaken as there is .com/wi limited information available in the public domain.	In Construction				771.27	729.72	f f	f f	С	e	d	f	f f	f	f
V305	www.4c offshore Wind Farm assessment cannot be offshore undertaken as there is .com/wi limited information available ndfarms in the public domain.	Concept/Early Planning				772.21	782.70	f f	f f	e	f	d	f	f f	f	f
Kattegatt Offshore	High - Third party project www.4c details published in the offshore upublic domain and .com/wi confirmed as being ndfarms 'accurate' by The	Concept/Early Planning				772.55	783.11	f f	f f	c	f	d	f	f f	f	f
Lovstaviken	mttps:// www.4c offshore .com/wi ndfarms High - Third party project details published in the public domain and confirmed as being accurate by The	Active/In Operation				784.43	795.04	f f	f f	a	f	d	f	f f	f	f

Project	Data Source(s)	Data Confidence Assessment	Notes	Status of	Constru	tion Peri	od (red outli	ine denot	es ODOW	offshore α	onstructio	n period) ∣∞	l 6	To To	T -	I×	Distance from	Distance from	= s	פבס	מ = ס	סב>	ا م ه	0 >	l = σ	ם ס	₽ =	~ 0 = l	9 >	0 7 0
Project	Data Source(s)	Data Confidence Assessment	Notes	Development	202	202	202	202	202	202	202	202	202	203	203	2032 - 20XX	the array area (km)	the Offshore Export Cable Corridor (km)	Physica Processe	Water an Sedimen Qualit	Benthic and Intertidated	Fish an Shellfis Ecolog	Marin Mammal	Offshor	Commercia	Shipping an Navigatio	Military and Civil Aviatio	Seascape Landscap and Visua	Offshorarchaeology	Other Marin Users an Activitie
Grimsby	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active			П		П								71.91	44.86								σ	0			
Immingham	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													81.18	54.70	f	f	f	a	a	f	f	f	f	f	C £	d
Kingston upon Hull	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													89.00	68.29												<u>.</u>
New Holland	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													93.18	67.59	_			a	a						<u> </u>	a .
Bridlington	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													99.35	97.88	f	f		a	а		ļ.	f _		f _	f -	d
Wisbech	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													110.11	65.44	r	T	T	<u>a</u>	a	T	T .	T	r	1	Ť.	d
Goole	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													123.65	91.59	f	f	f	a	а	f T	f	f	ī	f	f	d
Scarborough	World Ports Index (WPI)		N/A	Active													124.36	123.84	f	f	f	2	а	f	f	f	f	f	f	d
Howdendyke	World Ports Index (WPI)	·	N/A	Active													127.44	96.37	f	f	f	f	а	f	f	f	f	f	f	d
Harwich	World Ports Index (WPI)	·	N/A	Active													169.75	153.21	f	f	f	a	а	f	f	f	f	f	f	d
Whitby	World Ports Index (WPI)		N/A	Active													149.77	149.93	f	f	f	f	а	f	f	f	f	f	f	d
Felixstowe	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													169.86	153.38	f	f	f	f	а	f	f	f	f	f	f	d
Teesport	World Ports Index (WPI)		N/A	Active													187.02	182.35	f	f	f	f	а	f	f	f	f	f	f	d
Hartlepool	World Ports Index (WPI)	·	N/A	Active													193.10	188.78	f	f	f	f	a	f	f	f	f	f	f	d
Colchester	World Ports Index (WPI)	High - Third party project details published in the public domain and confirmed as being 'accurate' by the developer.	N/A	Active													177.94	154.54	f	f	f	f	a	f	f	f	f	f	f	d
lpswich	World Ports Index (WPI)	·	N/A	Active													158.49	141.18	f	f	f	f	a	f	f	f		f	f	d
Lowestoft	World Ports Index (WPI)		N/A	Active													116.44	102.47	f	f	f	f	а	f	f	f	f	f	f	d
Gravesend	World Ports Index (WPI)		N/A	Active													231.73	199.41	f	f	i	f	а	f	f	f		f	f	d
Great Yarmouth	World Ports Index (WPI)		N/A	Active													101.8	88.6	f	f	f	f	a	f	f	f	f	f	f	d

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