

DOGGER BANK D WIND FARM

Preliminary Environmental Information Report

Volume 2

Appendix 6.5 Cumulative Effects Screening Report -
Onshore

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Prepared By:	Royal HaskoningDHV
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Glossary

Term	Definition
Additional Mitigation	<p>Measures identified through the EIA process that are required as further action to avoid, prevent, reduce or, if possible, offset likely significant adverse effects to acceptable levels (also known as secondary (foreseeable) mitigation).</p> <p>All additional mitigation measures adopted by the Project are provided in the Commitments Register.</p>
Design	All of the decisions that shape a development throughout its design and pre-construction, construction / commissioning, operation and, where relevant, decommissioning phases.
Development Consent Order (DCO)	A consent required under Section 37 of the Planning Act 2008 to authorise the development of a Nationally Significant Infrastructure Project, which is granted by the relevant Secretary of State following an application to the Planning Inspectorate.
Effect	An effect is the consequence of an impact when considered in combination with the receptor's sensitivity / value / importance, defined in terms of significance.
Environmental Impact Assessment (EIA)	A process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information and includes the publication of an Environmental Statement.
Environmental Statement (ES)	A document reporting the findings of the EIA which describes the measures proposed to mitigate any likely significant effects.
Evidence Plan Process (EPP)	A voluntary consultation process with technical stakeholders which includes a Steering Group and Expert Topic Group (ETG) meetings to encourage upfront agreement on the nature, volume and range of supporting evidence required to inform the EIA and HRA process.
Expert Topic Group (ETG)	A forum for targeted technical engagement with relevant stakeholders through the EPP.
Impact	A change resulting from an activity associated with the Project, defined in terms of magnitude.
Mean High Water Spring	MHWS is the average of the heights of two successive high waters during a 24-hour period.
Mean Low Water Spring	MLWS is the average of the heights of two successive low waters during a 24-hour period.
Mitigation	<p>Any action or process designed to avoid, prevent, reduce or, if possible, offset potentially significant adverse effects of a development.</p> <p>All mitigation measures adopted by the Project are provided in the Commitments Register.</p>

Term	Definition
Project Design Envelope	<p>A range of design parameters defined where appropriate to enable the identification and assessment of likely significant effects arising from a project's worst-case scenario.</p> <p>The Project Design Envelope incorporates flexibility and addresses uncertainty in the DCO application and will be further refined during the EIA process.</p>
Scoping Opinion	<p>A written opinion issued by the Planning Inspectorate on behalf of the Secretary of State regarding the scope and level of detail of the information to be provided in the Applicant's Environmental Statement.</p> <p>The Scoping Opinion for the Project was adopted by the Secretary of State on 02 August 2024.</p>
Scoping Report	<p>A request by the Applicant made to the Planning Inspectorate for a Scoping Opinion on behalf of the Secretary of State.</p> <p>The Scoping Report for the Project was submitted to the Secretary of State on 24 June 2024.</p>
Study Areas	A geographical area and / or temporal limit defined for each EIA topic to identify sensitive receptors and assess the relevant likely significant effects.
The Applicant	SSE Renewables and Equinor acting through 'Doggerbank Offshore Wind Farm Project 4 Projco Limited'.
The Project	Dogger Bank D Offshore Wind Farm Project, also referred to as DBD in this PEIR.

6.5 Cumulative Effects Screening Report – Onshore

6.5.1 Introduction

1. This appendix to the Dogger Bank D Offshore Wind Farm Project (hereafter ‘the Project’ or ‘DBD’) Preliminary Environmental Information Report (PEIR) provides details on the cumulative effects assessment (CEA) for the onshore elements of the Project and supports **Volume 1, Chapter 6 Environmental Impact Assessment (EIA) Methodology**. The onshore elements of the Project will include landfall infrastructure (landward of Mean Low Water Spring (MLWS)), onshore export cable infrastructure, the onshore converter station (OCS) and Energy Storage and Balancing Infrastructure (ESBI). A full description of the Project is provided in **Volume 1, Chapter 4 Project Description**. Cumulative effects associated with the offshore elements are considered within **Appendix 6.4 Cumulative Effects Screening Report – Offshore**.
2. The CEA requires the identification of other plans and projects which may have the potential to interact with the Project during the construction, operation and maintenance and decommissioning phases. The purpose of this appendix is to provide further detail on the CEA methodology adopted by the Project (as outlined in **Volume 1, Chapter 6 Environmental Impact Assessment Methodology**) and to provide the longlist of other plans and projects considered within the onshore CEA (see **Annex 6.5.1**).
3. The approach to the onshore CEA is based upon the Planning Inspectorate’s guidance ‘Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment’ (2024a) and is specific to the Project. It considers the information available on other plans / projects, at the time of writing (up to 31st December 2024), in relation to the Project’s known activities. This appendix will be updated post-PEIR for the DCO application submission based on refinements to the Project’s Onshore Development Area boundaries and to incorporate further information on other plans and projects.
4. This appendix sets out the CEA approach as adopted in the onshore technical chapters (**Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 28 Major Accidents and Disasters**). As the project-wide technical chapters (**Volume 1, Chapter 29 Human Health to Chapter 31 Climate Change**) considers both the offshore and onshore elements of the Project, the CEA approach adopted in these chapters are based on a combination of the approach set out in this onshore CEA appendix and **Appendix 6.4 Cumulative Effects Screening Report – Offshore**.

6.5.2 Policy and Legislative Context

5. As the Project is a Nationally Significant Infrastructure Project (NSIP), a Development Consent Order (DCO) is required under Part 4 of the Planning Act 2008. The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended) (the EIA Regulations) transposed the requirements of the EIA Directive (2014/52/EU) into UK law with regard for DCO applications.
6. Planning policy on energy NSIP is set out in the National Policy Statements (NPS) which are relevant to the CEA:
 - Overarching NPS for Energy (EN-1) (Department for Energy Security and Net Zero (DESNZ), 2023a);
 - NPS for Renewable Energy Infrastructure (EN-3) (DESNZ, 2023b); and
 - NPS for Electricity Networks Infrastructure (EN-5) (DESNZ, 2023c).
7. EN-1 states in Paragraph 4.2.12 that the Applicant's assessment should consider "*the cumulative impacts of multiple developments with residual impacts*" and notes in Paragraph 4.3.3 that the requirements of the EIA Regulations to assess "*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*". The need for the consideration of cumulative effects is echoed in EN-3 which, in Paragraph 3.8.85 states that "*assessment of environmental effects of cabling infrastructure and any proposed offshore or onshore substations should assess effects both alone and cumulatively with other existing and proposed infrastructure*".
8. In addition, both EN-1 and EN-3 highlight the need to assess the worst-case potential effects for example, Paragraph 4.3.12 of EN-1 notes that "*Where some details are still to be finalised, the ES should, to the best of the applicant's knowledge, assess the likely worst-case environmental, social and economic effects of the proposed development to ensure that the impacts of the project as it may be constructed have been properly assessed*".
9. The Project Design Envelope considers the Project's maximum and, where relevant, minimum design parameters for each infrastructure component and the likely construction, operation and maintenance and decommissioning activities. This approach provides flexibility to the design of the Project, with guidance from the Planning Inspectorate provided in Nationally Significant Infrastructure Projects – Advice Note Nine: Rochdale Envelope (Planning Inspectorate, 2018). Further details on the Project Design Envelope approach are provided in **Volume 1, Chapter 4 Project Description** and **Volume 1, Chapter 6 Environmental Impact Assessment Methodology**.

10. The guidance published by the Planning Inspectorate ‘Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment’ (Planning Inspectorate, 2024a) provides advice on the CEA and is intended to compliment the Planning Act and further advice published by the Planning Inspectorate (Planning Inspectorate 2024b). The advice provides details on a four-stage approach to the CEA for Nationally Significant Infrastructure Projects. This suggested process has been followed for the onshore CEA for the Project and an overview is provided in **Section 6.5.4**.
11. Further guidance has been produced by Natural England relating to the offshore wind marine environment, which focusses on other DCO projects rather than projects consented via other regimes such as the Town and Country Planning Act 1990. Therefore, as described in **Volume 1, Chapter 6 Environmental Impact Assessment Methodology**, this guidance has only been considered in **Appendix 6.4 Cumulative Effects Screening Report – Offshore** in relation to other offshore wind and marine DCO projects and do not apply to this onshore CEA appendix.

6.5.3 Consultation

12. Consultation on the CEA methodology has been undertaken as part of the Evidence Plan Process (EPP) through relevant topic-specific Expert Topic Group (ETG) meetings with various statutory and non-statutory stakeholders. Further details on the consultation process are provided in **Volume 1, Chapter 7 Consultation**. Comments were also received with regards to the CEA within the Scoping Opinion (Planning Inspectorate, 2024c). A summary of responses to stakeholder comments regarding the CEA is provided in **Appendix 6.1, Consultation Responses for Environmental Impact Assessment Methodology**.
13. A draft onshore CEA longlist of plans / projects was shared with East Riding of Yorkshire Council (ERYC) on 1st November 2024, with comments received on 27th November 2024. In addition, specific CEA projects were raised by Hull City Council at the second Traffic and Transport (ETG8) meeting held on 30th September 2024. These stakeholder comments have been considered in the preparation of this onshore CEA appendix.

6.5.4 Approach to Cumulative Effects Assessment

14. Cumulative effects are the result of the impacts of the Project acting in combination with the impacts of other existing, proposed and reasonably foreseeable plans and projects on receptors. This includes other plans and projects that are not inherently considered as part of the baseline environment.
15. Other plans and projects that were fully operational during baseline characterisation, including at the time of site-specific surveys, are considered as part of baseline conditions for the surrounding environment and are excluded from the CEA screening. It is assumed that any residual effects associated with these plans or projects are captured within the baseline information.
16. Plans or projects that were not fully operational, including those in planning / pre-construction stages or under construction, during baseline characterisation and operational projects with potential for ongoing impacts, are included in the screening exercise.
17. The guidance from the Planning Inspectorate on the CEA follows a suggested four-stage process to ensure that the CEA follows the relevant policy, legislation and guidance (Planning Inspectorate, 2024a). The Planning Inspectorate's guidance notes that the CEA stages are sequential but highlights the need for iterative assessments that are repeated during the preparation of the Environmental Statement (ES) as additional plans or projects are newly identified or further information on other plans or projects become available. The four-stage process is summarised in **Table 6.5-1**.

Table 6.5-1 Cumulative Effects Assessment Stages and Descriptions

CEA Stage	Activity
Stage 1: Establishing the longlist	<p>Stage 1 aims to establish a search area for locating other plans and projects that need to be considered in the CEA.</p> <p>A desk study was undertaken to define a zone of influence (Zol) for each technical topic (see Table 6.5-2), which represents the spatial extent from the Project in which there is potential for cumulative effects with another plan or project. The Zol used to compile the longlist of plans and projects is 5km to allow for a maximum but geographically limited search area.</p> <p>The establishment of the longlist was then formed through consideration of planning applications, development plans and other relevant sources, such as stakeholder comments received through the EPP or other relevant consultation.</p> <p>Each onshore and project-wide technical chapter (Volume 1, Chapter 19 Geology and Ground Conditions to Volume 1, Chapter 31 Climate Change) includes a list of plans and projects which fall within the Zol for that topic.</p>

CEA Stage	Activity
	For each plan or project in the longlist, the Planning Inspectorate suggests the use of a tiered system to assign a level of certainty based on information availability to enable a CEA to be undertaken. Further details on the tier system are provided in Section 6.5.5.2 .
Stage 2: Establishing the shortlist	<p>Stage 2 requires the application of threshold criteria to the longlist to establish a shortlist of plans and projects to be included in the CEA. The threshold criteria were applied on a topic-by-topic basis to include or exclude plans and projects within the topic-specific Zol, ensuring that the CEA undertaken is proportionate.</p> <p>The guidance notes the potential use of professional judgement alongside the criteria when screening a plan or project from the shortlist. Justification for inclusion and exclusion are also provided as part of the shortlist screening exercise.</p> <p>The list of plans and projects which fall within the Zol of each onshore and project-wide technical chapter (Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 31 Climate Change) are screened using the threshold criteria and professional judgment, and the final shortlist taken forward to Steps 3 and 4 of the CEA are provided in each chapter.</p>
Stage 3: Information gathering	<p>Stage 3 requires gathering of detailed information on plans and projects in the shortlist to support the Stage 4 assessment. Information gathering should consider information available from different sources such as the Planning Inspectorate, local authorities and direct liaison with stakeholders and other developers.</p> <p>Within the onshore and project-wide technical chapters (Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 31 Climate Change), Stage 3 is not reported separately from the Stage 4 assessment. Where relevant information on another plan or project has been sourced to support the CEA, this is reported as part as of the Stage 4 assessment.</p>
Stage 4: Assessment	<p>Stage 4 requires the assessment of the cumulative effects between the Project and other plans and projects within the shortlist. The assessment should be undertaken at a level of detailed proportionate to the information available.</p> <p>The Stage 4 assessment is presented in each onshore and project-wide chapter (Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 31 Climate Change).</p>

18. The following sections sets out how the Project has approached Stages 1 to 4, including development of the longlist and tiering of other plans and projects. The topic-specific shortlists are provided in each onshore and project-wide technical chapter within the PEIR (**Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 31 Climate Change**) as part of the assessment of cumulative effects section.

6.5.5 Stage 1: Establishing the Longlist

6.5.5.1 Approach to the Longlist

19. Stage 1 of the CEA involved the establishment of a longlist of relevant plans and projects which fall within the Zol from the Onshore Development Area. These plans and projects are considered to have potential for cumulative effects and require further consideration in the CEA. The Zol has been defined on a topic-by-topic basis as shown below in **Table 6.5-2**.

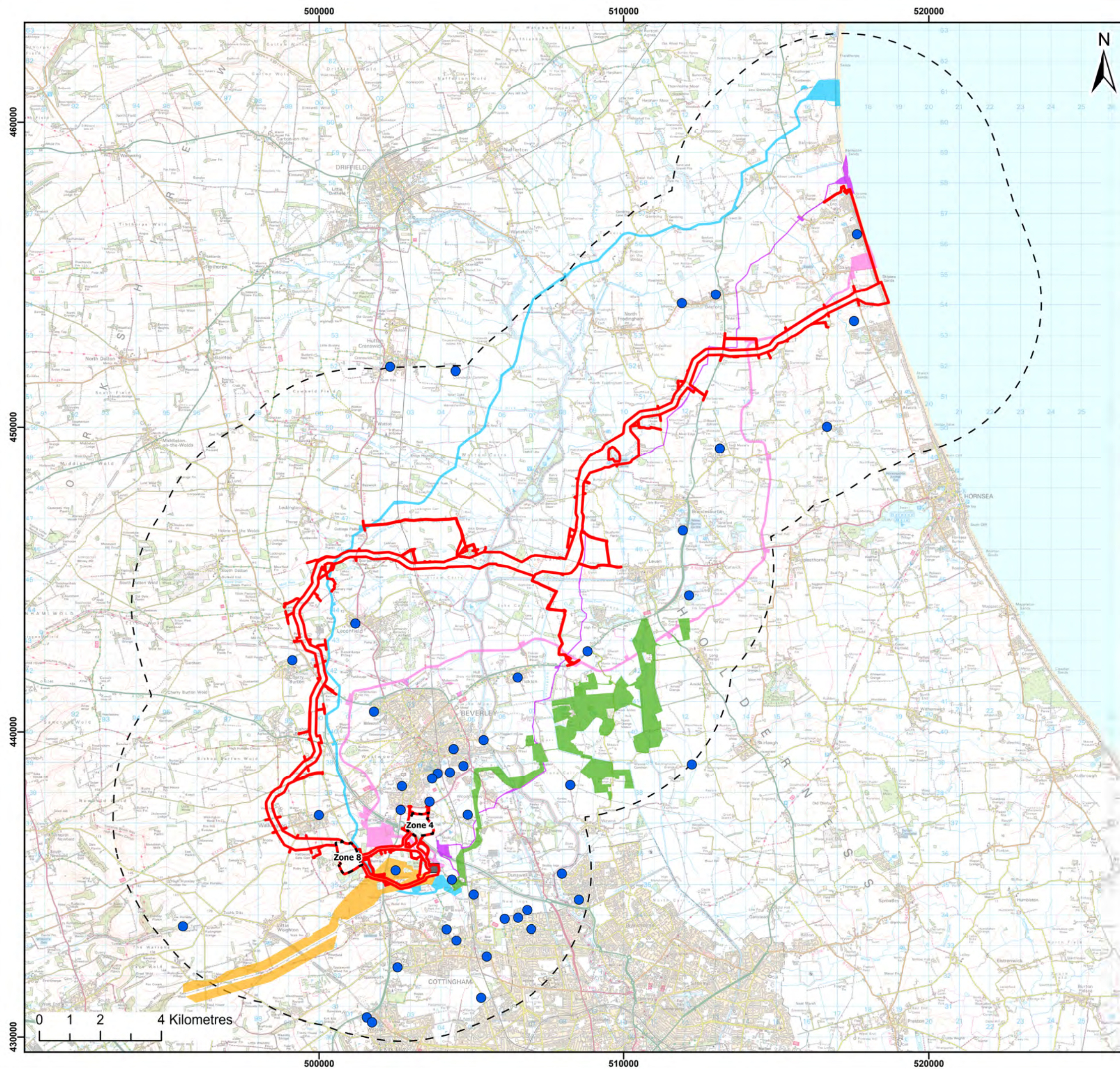
Table 6.5-2 Topic-Specific Zones of Influence

EIA Topic	Zone of Influence
Geology and Ground Conditions	1km from the Onshore Development Area.
Air Quality	500m from the Onshore Development Area for all impacts, with the exception of cumulative road vehicle exhaust emissions (200m from affected road links with potential for cumulative traffic flows).
Water Resources and Flood Risk	Zol is not defined as a distance from the Onshore Development Area. Zol is based on plans and projects located within the same hydrological surface water catchments crossed by the Onshore Development Area.
Soils and Land Use	Only plans and projects overlapping the Onshore Development Area (0km).
Onshore Ecology and Ornithology	2km from the Onshore Development Area.
Onshore Archaeology and Cultural Heritage	5km from the OCS zones and 1km from the onshore ECC and landfall.
Noise and Vibration	1km from the OCS zones and 600m from the onshore ECC and landfall for all impacts, with the exception of cumulative road traffic noise (based on affected road links with potential for cumulative traffic flows).
Traffic and Transport	Zol is not defined as a distance from the Onshore Development Area. Zol is based on the affected road links with potential for cumulative traffic flows.
Landscape and Visual Impacts	5km from the OCS zones and 1km from the onshore ECC and landfall.
Majors Accidents and Disasters	1km from the OCS zones.

EIA Topic	Zone of Influence
Human Health	Zol is not defined as a distance from the Onshore Development Area. Zol is based on plans and projects located within the same Study Area for each health determinant.
Socio-Economics, Tourism and Recreation	Zol is not defined as a distance from the Onshore Development Area. Zol is based on plans and projects within the same Study Area for each socio-economics or tourism and recreation impact.
Climate Change	No CEA undertaken for climate change due to topic-specific methodology.

20. The Zol used to establish the longlist of plans and projects provided in **Annex 6.5.1** of this appendix is 5km from the Onshore Development Area associated with landscape and visual impacts. This Zol was selected to allow for a maximum but geographically limited search area when establishing the longlist and is shown on **Figure 6.5-1**
21. It should be noted that for specific topics, such as traffic and transport, water resources and flood risk, human health and socio-economics, tourism and recreation, a topic-specific methodology is adopted for the CEA which differs from the general approach described in this appendix. Their Zol is not defined as a distance from the Onshore Development Area, and therefore, they have been excluded from the Zol used for longlisting purposes. Further details on the Zol for these topics are reported in the respective technical chapters. Plans and projects identified by these topics have been included in the longlist provided in **Annex 6.5.1** for completeness.
22. The longlist for the onshore CEA considered in the PEIR has been developed from a range of sources, which include plans and projects identified five years prior to and including 31st December 2024. The following sources have been used for the desk-based study to define the onshore CEA longlist:
 - Planning Inspectorate, National Infrastructure Planning Portal (<https://national-infrastructure-consenting.planninginspectorate.gov.uk/>);
 - East Riding of Yorkshire Council Planning Portal (<https://newplanningaccess.eastriding.gov.uk/newplanningaccess/>);
 - Hull City Council Planning Portal (www.hull.gov.uk/planning-applications/planning); and
 - Other developers' project websites.

24. The onshore CEA longlist considered plans and projects landward of MLWS, with plans and projects in the intertidal zone and seaward of Mean High Water Spring (MHWS) considered within the **Appendix 6.4 Cumulative Effects Screening Report – Offshore**. The locations of plans and projects in the onshore CEA longlist are shown on **Figure 6.5-1**.



Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options
- Indicative Birkhill Wood Substation Location
- Maximum Onshore Zone of Influence (5km Buffer)
- Town and Country Planning Applications in the Onshore CEA Longlist

Key Nationally Significant Infrastructure Projects

- Dogger Bank South Offshore Wind Farms
- Dogger Bank A and B Offshore Wind Farms
- Hornsea Project Four Offshore Wind Farm
- North Humber to High Marnham Grid Upgrade
- Peartree Hill Solar Farm

Note: Boundaries of other developments are based on a search of publicly available data undertaken during preparation of the CEA long list and are subject to change.

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Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

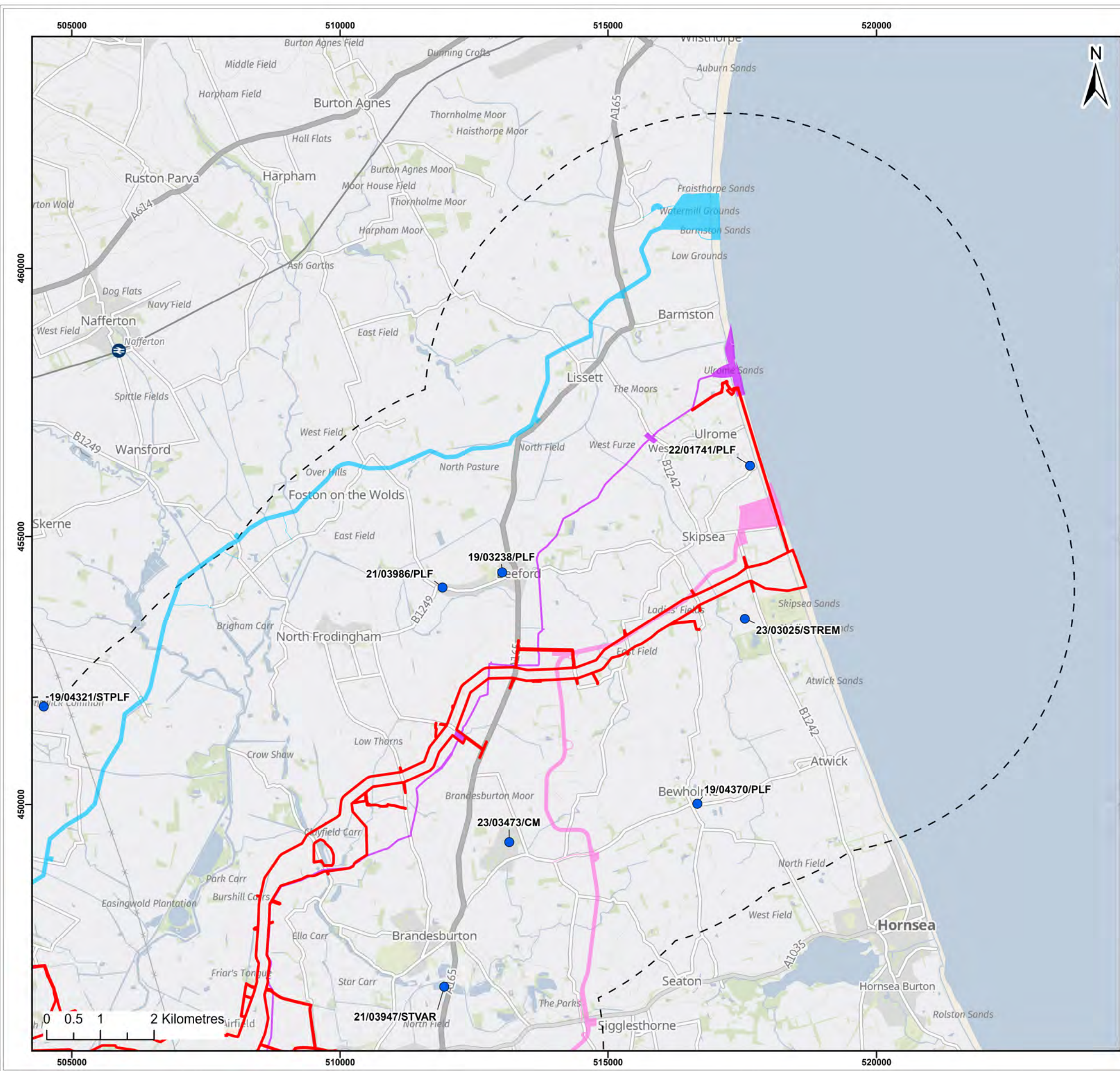
Title:

Onshore Cumulative Effects Assessment Zone of Influence and Locations of Longlist Plans and Projects - Sheet 1 of 4

Figure:	6.5-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0154			
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01	19/11/2024	JH	AG	A3	1:125,000	

Co-ordinate system: British National Grid

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Legend:

- Onshore Development Area
- Zone of Influence for Onshore CEA Longlist Search (5km Buffer)

Key Nationally Significant Infrastructure Projects

- Dogger Bank South Offshore Wind Farms
- Dogger Bank A and B Offshore Wind Farms
- Hornsea Project Four Offshore Wind Farm
- Town and Country Planning Applications in the Onshore CEA Longlist

Note: Boundaries of other developments are based on a search of publicly available data undertaken during preparation of the CEA long list and are subject to change.

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Project:

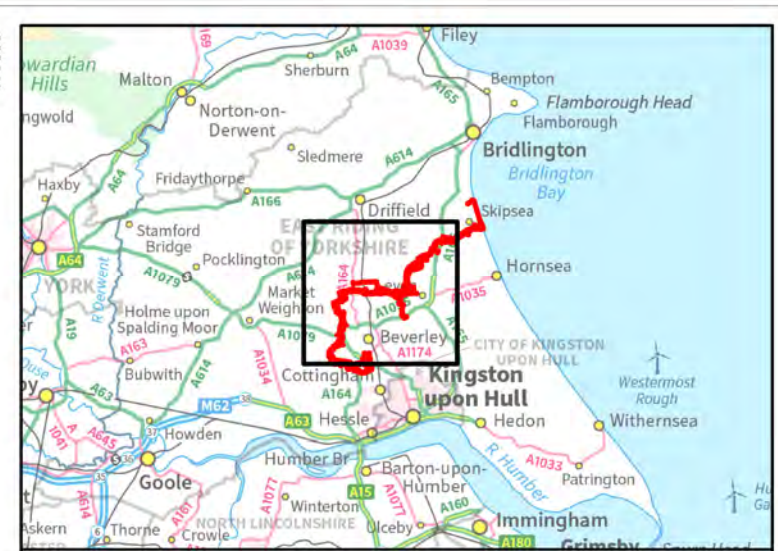
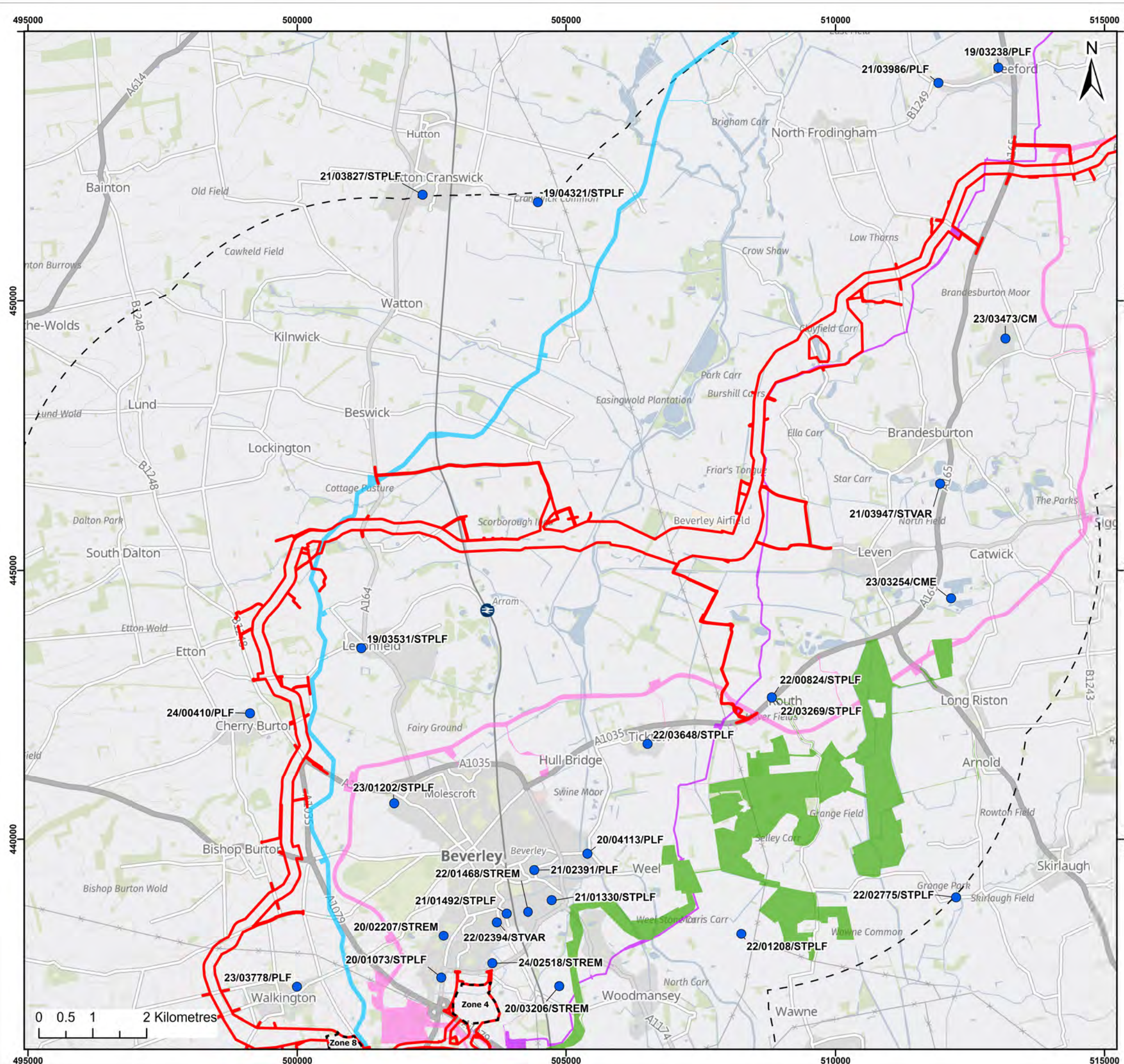
Dogger Bank D Offshore Wind Farm

Title:

Onshore Cumulative Effects Assessment Zone of Influence and Locations of Longlist Plans and Projects
- Sheet 2 of 4

Figure:	6.5-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0154			
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Co-ordinate system: British National Grid



Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options
- Zone of Influence for Onshore CEA Longlist Search (5km Buffer)

Key Nationally Significant Infrastructure Projects

- Dogger Bank South Offshore Wind Farms
- Dogger Bank A and B Offshore Wind Farms
- Hornsea Project Four Offshore Wind Farm
- Peartree Hill Solar Farm
- Town and Country Planning Applications in the Onshore CEA Longlist

Note: Boundaries of other developments are based on a search of publicly available data undertaken during preparation of the CEA long list and are subject to change.

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Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

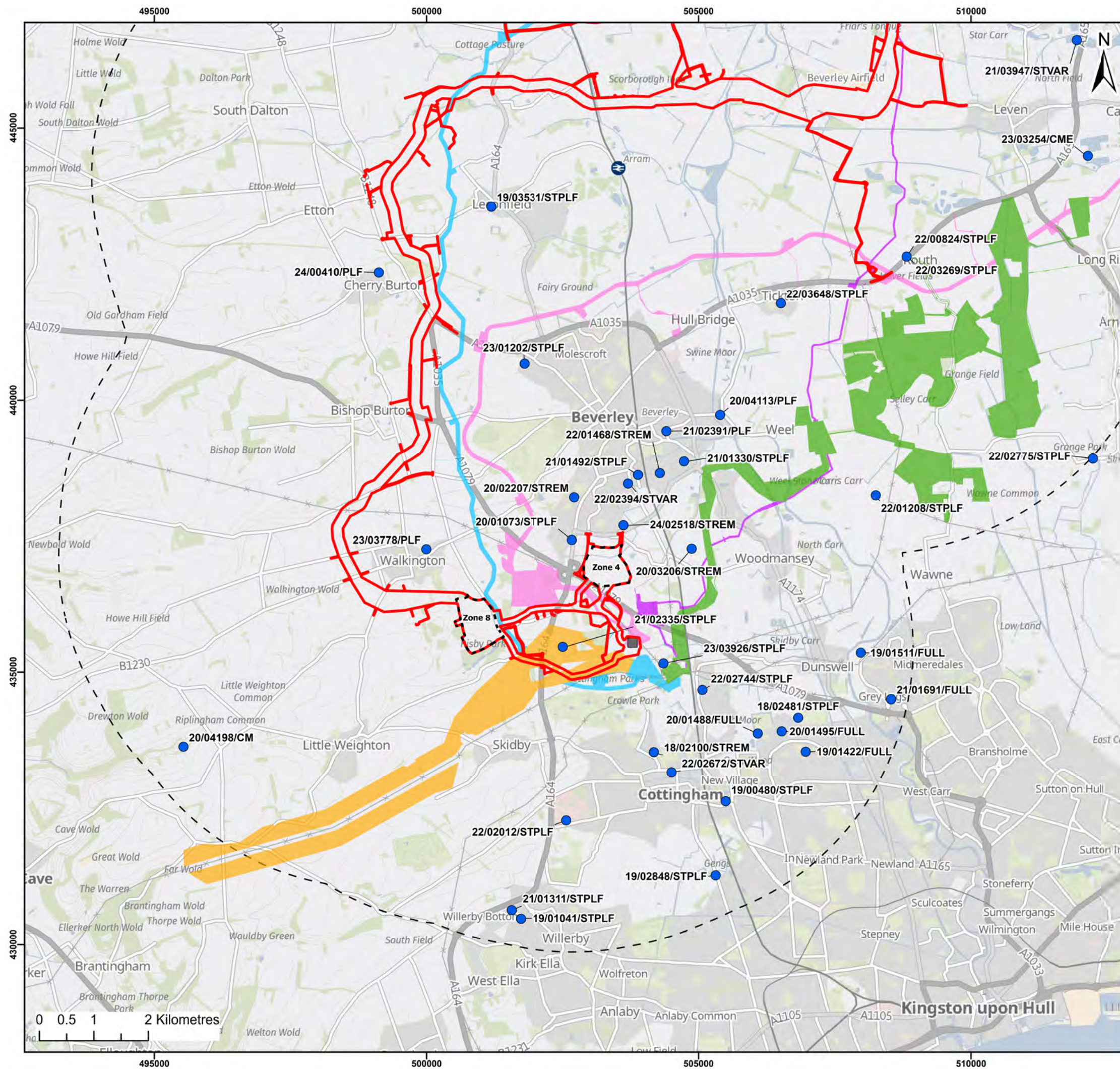
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Onshore Cumulative Effects Assessment Zone of Influence and Locations of Longlist Plans and Projects - Sheet 3 of 4

Figure:	6.5-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0154			
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01	19/11/2024	JH	AG	A3	1:70,000	

Co-ordinate system: British National Grid

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Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options
- Indicative Birkhill Wood Substation Location
- Zone of Influence for Onshore CEA Longlist Search (5km Buffer)

Key Nationally Significant Infrastructure Projects

- Dogger Bank South Offshore Wind Farms
- Dogger Bank A and B Offshore Wind Farms
- Hornsea Project Four Offshore Wind Farm
- North Humber to High Marnham Grid Upgrade
- Peartree Hill Solar Farm
- Town and Country Planning Applications in the Onshore CEA Longlist

Note: Boundaries of other developments are based on a search of publicly available data undertaken during preparation of the CEA long list and are subject to change.

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Project:

Dogger Bank D Offshore Wind Farm

Title:

Onshore Cumulative Effects Assessment Zone of Influence and Locations of Longlist Plans and Projects - Sheet 4 of 4

Figure: 6.5-1 **Drawing No:** PC6250-RHD-XX-ON-DR-GS-0154

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Co-ordinate system: British National Grid

25. The longlist found in **Annex 6.5.1** provides details on other plans and projects identified, including the name, type of development, reference number (if applicable) development status, tier, temporal scope and location. The nature and scale of plans and projects have been considered when establishing the longlist based on the criteria presented in **Table 6.5-3**.

Table 6.5-3 Criteria on the Nature and Scale of Plans and Projects for Longlist Inclusion / Exclusion

Type of Plan / Project	Longlisting Criteria
Residential developments	Residential developments with more than ten dwellings.
Energy infrastructure	Commercial-scale solar farms, onshore wind farms, battery storage facilities, substations, combustion plants and transmission overhead lines, cables and pipelines. Excluding small-scale, micro-generation developments such as rooftop solar panels and a single wind turbine.
Transport infrastructure	New transport infrastructure or improvement works such as highway and railway improvement works. Excluding small-scale works such as improvements to a minor road and public rights of way improvement works.
Commercial, industrial or mixed use developments	Large commercial, industrial or mixed-use developments. Excluding small-scale extensions such as construction of a warehouse building.
Agricultural developments	Large farm or agricultural developments. Excluding small-scale agricultural extensions such as construction of a farm building.
Quarries or waste storage / processing facilities	All quarries and waste storage / processing facilities.

6.5.5.3 Tiered Approach

26. During the longlisting stage, the availability of information related to other plans and projects was taken into consideration. The ability to undertake the CEA and degree of confidence depends on the information available on the other plan or project being assessed. A three-tier system as proposed by the Planning Inspectorate's Advice Note on Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment (Planning Inspectorate, 2024a) has been adopted to assign the level of certainty / uncertainty regarding the assessment of potential impacts of a plan or project which may act cumulatively with the Project.
27. All plans and projects in the longlist have therefore been allocated a tier, with Tier 1 being most certain and Tier 3 being least certain. Appropriate weight was applied to each plan or project in the CEA based on the tier such that plans and projects with greater certainty are assessed in greater detail to ensure proportionality.
28. The criteria for the tiered system is presented in **Table 6.5-4**. It is noted in the Planning Inspectorate Advice Note that plans and projects which are expected to be completed before the construction of the Project, and where the effects are fully determined (i.e. the residual effects of these plans and projects would have been captured during baseline surveys), should be considered as part of the baseline environment and can be considered within the construction and operational assessments (Planning Inspectorate, 2024a). Where the effects of these plans and projects are not yet fully determined (i.e. the outcomes of proposed mitigation measures are being monitored and the residual effects are not yet known), it may be appropriate to consider these within the CEA on a precautionary basis.
29. The tiering allocated to each of the longlist plan or project is indicated in **Annex 6.5.1** of this appendix.

Table 6.5-4 Description of the Three-Tier System Based on the Planning Inspectorate's Advice Note

Tiers	Criteria for Tier
Tier 1	Operational developments with potential for ongoing cumulative effects.
	Developments under construction.
	Permitted applications, whether under the Planning Act 2008 or other planning regimes, but not yet implemented.
	Submitted applications, whether under the Planning Act 2008 or other planning regimes, but not yet determined.
	Refused applications subject to appeal procedures not yet determined.
Tier 2	Developments in the planning process identified in the Planning Inspectorate's programme of projects or other planning regimes with preliminary information but pending application submission (i.e. developments that have published a Preliminary Environmental Information Report (PEIR) or Scoping Report).
Tier 3	Developments in the planning process identified in the Planning Inspectorate's programme of projects or other planning regimes pending application submission and without preliminary information (i.e. developments that have not undertaken scoping).
	Developments identified in adopted Development Plans and emerging Development Plans, with appropriate weight given as they near adoption, recognising that there will be limited information available on the relevant proposals.
	Developments identified in other plans and programmes, as appropriate, which set the framework for future development consents or approvals, where such development is reasonably likely to come forward.

6.5.7 Stage 2: Establishing the Shortlist

30. To develop the shortlist, the established longlist has been screened further on a topic-by-topic basis using the inclusion / exclusion threshold criteria described in **Table 6.5-5**.
31. The shortlisting exercise considers whether a plan or project has potential to give rise to significant cumulative effects with the Project in regard to a specific impact or receptor. Therefore, to ensure proportionality, only plans and projects with potential for significant cumulative effects are screened in for further consideration in the CEA. Plans and projects considered to have no potential for significant cumulative effects are screened out, and the absence of likely significant cumulative effects are concluded at this stage.
32. The shortlist of plans and projects are presented within each onshore and project-wide technical chapter (**Volume 1, Chapter 19 Geology and Ground Conditions to Chapter 31 Climate Change**). As the shortlist is topic-specific, a plan or project that is screened out for one topic may be screened in for another topic.

Table 6.5-5 Threshold Criteria for Shortlist Inclusion / Exclusion

Plans and Projects Screened Into the Shortlist	Plans and Projects Screened Out of the Shortlist
<ul style="list-style-type: none"> • The plan or project is operational but has ongoing effects; • The plan or project is under construction / will complete construction prior to the Project's construction but its effects are not yet fully determined / realised; • The proposed plan or project is likely to come forward and all the following circumstances are met: <ul style="list-style-type: none"> ○ There is potential that a pathway exists whereby an impact from the Project and another plan or project could have a cumulative effect on the same receptor; ○ The impact on a receptor from the Project and another plan or project has a spatial overlap (i.e. occurring in the same area); ○ The impact on a receptor from the Project and another plan or project has a temporal overlap (i.e. occurring at the same time); ○ There is sufficient and relevant information available on the plan or project with moderate to high data confidence to undertake a meaningful assessment; and ○ There is some likelihood that the residual effect (i.e. after accounting for mitigation measures) of the Project could result in significant cumulative effects with the plan or project in consideration. 	<ul style="list-style-type: none"> • The plan or project is operational but has no potential for ongoing effects; • The plan or project is under construction / will complete construction prior to the Project's construction and its effect are fully determined / realised; • The proposed plan or project may come forward but: <ul style="list-style-type: none"> ○ There is no potential that a pathway exists whereby an impact from the Project and another plan project could have a cumulative effect on the same receptor; ○ The impact on a receptor from the Project and another plan or project has no spatial overlap (i.e. occurring in distant areas); ○ The impact on a receptor from the Project and another plan or project has no temporal overlap (i.e. occurring on different timescales); ○ There is insufficient information available on the plan or project or there is low data confidence to undertake a meaningful assessment; or ○ There is no likelihood that the residual effect (i.e. after accounting for mitigation measures) of the Project could result in significant cumulative effects with the plan or project in consideration.

6.5.9 Stage 3: Information Gathering

33. Following the establishment of the topic-specific shortlists, further information has been gathered on each plan or project screened in to inform the assessment undertaken in each technical chapter. Information was gathered from various sources such as the following:

- Published Scoping Report, PEIR, ES and other environmental and planning documents; and
- Updates provided through consultation brochures and developers' project websites.

34. The Planning Inspectorate's Advice Note on the Cumulative Effects Assessment states the following (Planning Inspectorate, 2024a):

"The information should include but not be limited to:

- *Proposed design and location information;*
- *Proposed programme of construction, operation and decommissioning; and*
- *Environmental assessments that set out baseline data and effects arising from the other existing and, or approved developments".*

6.5.10 Stage 4: Assessment

35. Based on the information gathered for each shortlisted plan or project, cumulative effects with the Project have been assessed in the onshore and project-wide technical chapters (**Volume 1, Chapter 19 Geology and Ground Conditions to Volume 1, Chapter 31 Climate Change**). The assessment was undertaken at a level of detail proportionate to the information available on the shortlisted plans and projects, and limitations and gaps in the information are documented in the assessment.

36. The Planning Inspectorate's Advice Note has been taken into consideration within the technical chapters whereby all Tier 1 and Tier 2 plans and projects are considered in the assessment where possible, and Tier 3 plans and projects are considered where possible, albeit this may be at a high level. Quantitative assessments of Tier 1 and Tier 2 plans and projects are undertaken where possible based on information availability and quality.

37. Where baseline data for the shortlisted plan or project is incomplete, the Planning Inspectorate's Advice Note calls for a precautionary but reasonable approach based on available evidence.

38. The Planning Inspectorate's Advice Note highlights the need for proportionality when assessing cumulative effects, in particular with regard to potential cumulative effects resulting from multiple individually non-significant effects. Therefore, within the assessments, only impacts from the Project determined to have a residual effect of negligible or greater have been included in the CEA. Those assessed as 'no change' or impacts that have been scoped out of assessment based on the absence of likely significant effect were excluded from the CEA, as there is no potential for them to contribute to a cumulative effect.
39. The assessment presented in the onshore and project-wide technical chapters (**Volume 1, Chapter 19 Geology and Conditions to Volume 1, Chapter 31 Climate Change**) identifies the cumulative impact and the shortlisted plan(s) / project(s) that are considered to interact cumulatively with the Project. It outlines the receptor sensitivity, cumulative impact magnitude, cumulative effect significance for each cumulative impact, and where required, additional mitigation measures and the residual cumulative effect significance.
40. The CEA detailed at PEIR stage is considered to be conservative as further information regarding the shortlisted plans and projects may become available between PEIR publication and DCO application submission. The CEA at the ES stage will include an updated longlist and topic-specific shortlists which will consider new plans and projects identified after the cut-off date for PEIR as noted in **Section 6.5.5.1**. Cut-off dates for updating plans and projects considered in the CEA are six months prior to the publication of PEIR, and six months prior to DCO application submission. At ES stage, information availability on the shortlisted plans and projects will also be reviewed to allow additional information to be considered in the Stage 4 assessments in the relevant technical chapters.

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List of Acronyms

Acronym	Definition
CEA	Cumulative Effects Assessment
DBD	Dogger Bank D Offshore Wind Farm
DESNZ	Department for Energy Security and Net Zero
DCO	Development Consent Order
EIA	Environmental Impact Assessment
EPP	Evidence Plan Process
ESBI	Energy Storage and Balancing Infrastructure
ETG	Expert Topic Group
MHWS	Mean High Water Spring

Acronym	Definition
MLWS	Mean Low Water Spring
NPS	National Policy Statements
NSIP	Nationally Significant Infrastructure Project
OCS	Onshore Converter Station
PEIR	Preliminary Environmental Information Report
Zoi	Zone of Influence

Annex 6.5.1 Onshore CEA Longlist of Plans and Projects

Topic-Specific Shortlisting																					
	Screened into shortlist																				
	Screened out of shortlist / Not applicable																				
	Unknown (to be determined at ES stage)																				
Construction / Operation Period(s)																					
* Bold = Plan / project with potential for temporal overlap of construction period with the Project’s construction phase (2029 to 2033)																					
Data Confidence / Availability																					
High	Full project / plan details in the public domain with relevant information to the CEA.																				
Moderate	Some project / plan details in the public domain but not determined as final and accurate; or / and Full project / plan details in the public domain but limited information relevant to the CEA.																				
Low	No or limited project / plan details in the public domain.																				
Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
NSIP DCO Applications																					
A63 Castle Street Improvements (TR10016)	Road Improvements Scheme	A63 to the South of Hull City Centre.	Under Construction	1	High	9.02	10.05	10.84	Construction: 2024 to 2026 Operation: 2027+												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Humber Carbon Capture Pipeline (EN0710003)	Gas Pipeline	From Drax (North Yorkshire) to Easington (East Riding of Yorkshire).	Planning	3	Low	15.35	16.31	15.44	Construction: 2028 to 2032 Operation: 2033+												
North Humber to High Marnham Grid Upgrade (EN020034)	Electricity Transmission Infrastructure	From the Creyke Beck Substation in Cottingham to High Marnham Substation in Nottinghamshire.	Planning	3	Low	0	0.89	0.41	Construction: 2028 to 2030 Operation: 2031+												
Peartree Hill Solar Farm (EN010157)	Solar Farm	From north-west of Leven (12 miles north of Hull), and between the villages of Tickton, Riston, Wawne and Woodmansey to grid connection at Creyke Beck Substation in Cottingham.	Planning	2	Mode rate	0.42	1.05	2.66	Construction: 2026 to 2027 Operation: 2028+												
Dogger Bank A Offshore Wind Farm (EN010021)	Offshore Wind Farm	From landfall along the Holderness Coast to grid connection at Creyke Beck Substation in Cottingham.	Operational	1	High	0	0.50	2.66	Operation: 2025+												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Dogger Bank B Offshore Wind Farm (EN010021)	Offshore Wind Farm	From landfall along the Holderness Coast to grid connection at Creyke Beck Substation in Cottingham.	Under Construction	1	High	0	0.50	2.66	Construction: 2020 to 2025 Operation: 2026+												
Dogger Bank South Offshore Wind Farms (EN010125)	Offshore Wind Farm	From landfall along the Holderness Coast to grid connection at Birkhill Wood Substation in Cottingham.	Examination	1	High	0	0.10	0.30	Construction: 2026 to 2033 Operation: 2034+												
Hornsea Project Four Offshore Wind Farm (EN010098)	Offshore Wind Farm	From landfall along the Holderness Coast to grid connection at Creyke Beck Substation in Cottingham.	Under Construction	1	High	0	0.11	0.01	Construction: 2024 to 2028 Operation: 2029+												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting												
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change	
ERYC Planning Applications																						
A164 And Jock’s Lodge Junction Improvement Scheme Adjacent to and South of Beverley Road (20/01073/STPLF)	Road Improvement Scheme	Beverley Road Woodmansey East Riding of Yorkshire HU17 8PJ	Under Construction	1	High	0.77	0.40	1.94	Construction: 2024 to 2026 Operation: 2027+													
Birkhill Wood National Grid Substation	Electricity Transmission Infrastructure	Park Lane Cottingham East Riding of Yorkshire HU16 5SB	Planning	3	Mode rate	0	1.11	2.31	Construction: 2026 to 2030 Operation: 2031+													
Creyke Beck Battery Storage (23/03926/STPLF)	Battery Storage Facility	Park Lane Cottingham East Riding of Yorkshire HU16 5SB	Approved	1	Mode rate	0.64	1.62	3.00	Construction: Unknown Operation: Unknown													

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Carr Farm Solar Farm (22/03648/STPLF / 25/00021/REFUSE)	Solar Farm	Carr Lane Tickton East Riding of Yorkshire HU17 9SD	Refused – Pending Appeal	1	Mode rate	1.56	5.31	7.70	Construction: Unknown Operation: Unknown												
Creyke Beck Solar Farm (21/02335/STPLF)	Solar Farm	Park Lane Cottingham East Riding of Yorkshire HU16 5SB	Approved	1	Mode rate	0.33	1.05	1.56	Construction: Unknown Operation: Unknown												
Eastern Green Link 2 (22/01990/STPLFE)	Electricity Interconnector	From landfall along the Holderness Coast to grid connection at Drax Substation in North Yorkshire.	Under Construction	1	High	4.51	11.74	10.36	Construction: 2024 to 2028 Operation: 2029+												
Humber International Enterprise Park (18/04071/STPLFE)	Mixed Use Development	Hedon Bypass Hedon East Riding of Yorkshire HU12 8AA	Under Construction	1	Mode rate	14.9	15.6	17.2	Construction: 2025 to Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Wanlass Beck National Grid Substation (24/03819/STPLF)	Electricity Transmission Infrastructure	Park Lane Cottingham East Riding of Yorkshire HU16 5SB	Pending Consideration	1	High	0.91	2.09	3.02	Construction: 2026 to 2030 Operation: 2031+												
Yorkshire Energy Park (22/00301/STRE ME)	Mixed Use Development	Hull Road Hedon East Riding of Yorkshire HU12 8DX	Approved	1	Mode rate	14.9	15.6	17.2	Construction: 2022 to Unknown												
Erection of 35 Dwellings at Beverley Parklands Amenity Land (21/01330/STPLF)	Residential Development	Beverley Parklands Beverley East Riding of Yorkshire HU17 0RA	Approved	1	Low	2.68	1.98	4.54	Construction: Unknown												
Erection of 23 Dwellings at Main Street Parkland (19/03238/PLF)	Residential Development	Main Street Beeford East Riding of Yorkshire YO25 8BD	Approved	1	Low	1.31	19.44	21.61	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 40 Dwellings at Land West of Manor House Main Street (21/03986/PLF)	Residential Development	Main Street Beeford East Riding of Yorkshire YO25 8BD	Approved	1	Low	1.71	18.67	20.77	Construction: Unknown												
Erection of a Leisure Hub (19/04358/STPLF/ 23/03025/STREM)	Leisure Facility	Main Street Beeford East Riding of Yorkshire YO25 8BD	Approved	1	Low	0.54	21.33	23.77	Construction: Unknown												
Erection of 85 Dwellings at Former Sir Leo Schultz Centre (18/02481/STPLF)	Residential Development	Brudenell Way Dunswell East Riding of Yorkshire HU6 9DX	Approved	1	Low	3.31	3.97	5.61	Construction: Unknown												
Lakeview Holiday Park (19/04370/PLF)	Leisure Facility	Atwick Road Bewholme East Riding of Yorkshire YO25 8DT	Under Construction	1	Low	2.91	18.21	20.75	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 67 Dwellings at Land and Buildings South of Castle Farm (19/03531/STPLF)	Residential Development	Main Street Leconfield East Riding of Yorkshire HU17 7LN	Under Construction	1	Low	1.13	6.50	7.14	Construction: Unknown												
Erection of 53 Dwellings at Land at and North of 64 Park Lane (18/02100/STREM/14/02316/STOUT)	Residential Development	Park Lane Cottingham East Riding of Yorkshire HU16 5RD	Under Construction	1	Low	1.93	3.33	3.64	Construction: Unknown												
Erection of 297 Dwellings at Woodmansey Mile (21/01492/STPLF)	Residential Development	Woodmansey Mile Beverley East Riding of Yorkshire HU17 0NJ	Under Construction	1	Low	2.08	1.32	3.64	Construction: Unknown												
Erection of 31 Dwellings at Former Dales Garden Centre (21/02196/STPLF)	Residential Development	Long Lane Woodmansey East Riding of Yorkshire HU17 0XB	Under Construction	1	Low	1.91	1.16	3.41	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 146 Dwellings at Land South West of Stone Cottage (20/03206/STREM / 19/01637/STOUT)	Residential Development	Long Lane Woodmansey East Riding of Yorkshire HU17 0RN	Under Construction	1	Low	1.59	1.22	3.82	Construction: Unknown												
Construction of Day Surgery Unit at Castle Hill Hospital (22/02012/STPLF)	Commercial Development	Castle Road Cottingham East Riding of Yorkshire HU16 5JQ	Under Construction	1	Low	2.59	4.34	3.50	Construction: Unknown												
Erection of 141 Dwellings on Land South of 21 Great Gutter Lane (19/01041/STPLF)	Residential Development	Great Gutter Lane West Willerby East Riding of Yorkshire HU10 6DP	Under Construction	1	Low	4.37	6.16	4.76	Construction: Unknown												
Erection of 130 Dwellings at Land East of Carlton Rise (24/02518/STREM/ 18/03823/STPLF)	Residential Development	Carlton Rise Beverley East Riding of Yorkshire HU17 8UR	Pending Consideration	1	Low	0.13	0.36	2.87	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 39 Dwellings at Land East of 30 Canada Drive (24/00410/PLF)	Residential Development	Canada Drive Cherry Burton East Riding of Yorkshire HU17 7RH	Pending Consideration	1	Low	0.56	6.38	6.14	Construction: Unknown												
Field House Solar Farm (22/00824/STPLF)	Solar Farm	Main Road Routh East Riding of Yorkshire HU17 9SL	Approved	1	Low	0.39	7.44	9.99	Construction: Unknown Operation: Unknown												
Kenley House Farm Solar Farm (22/01208/STPLF)	Solar Farm	Ferry Road Wawne East Riding of Yorkshire HU7 5XZ	Approved	1	Low	3.92	4.73	7.32	Construction: Unknown Operation: Unknown												
Erection of 90 Dwellings at Land North of 88 Poplars Way (20/02207/STREM /17/00398/STOUT)	Residential Development	Poplars Way Beverley East Riding of Yorkshire HU17 8PU	Under Construction	1	Low	1.52	0.96	2.50	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 142 Dwellings at Land North of Frontier Agriculture Limited (21/03827/STPLF)	Residential Development	Beverley Road Hutton Cranswick East Riding of Yorkshire YO25 9PF	Pending Consideration	1	Low	5.04	14.67	15.63	Construction: Unknown												
Erection of 78 Dwellings at Land North of Minster Way (22/01468/STREM /16/02784/STPLF)	Residential Development	Minster Way Woodmansey East Riding of Yorkshire HU17 0SY	Approved	1	Low	2.23	1.49	3.97	Construction: Unknown												
Extension of Operations at Little Catwick Quarry (23/03254/CME)	Quarry	Leven Bypass White Cross to Leven Roundabout Leven East Riding of Yorkshire HU17 5AA	Operational	1	High	2.41	11.14	13.75	Operation: 1999 to 2039												
High Farm Holiday Park (22/03269/STPLF)	Leisure Facility	Main Road Routh East Riding of Yorkshire HU17 9SL	Approved	1	Low	0.39	7.44	9.99	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 204 Dwellings at Land South of Larkfield (21/01311/STPLF)	Residential Development	Great Gutter Lane West Willerby East Riding of Yorkshire HU10 6DP	Under Construction	1	Low	4.37	6.16	4.76	Construction: Unknown												
Erection of 15 Dwellings at Land to the Rear of Village Hall (23/03778/PLF)	Residential Development	East End Walkington East Riding of Yorkshire HU17 8RX	Approved	1	Low	0.78	2.92	1.07	Construction: Unknown												
Riverside Works (20/04113/PLF)	Commercial Development	Grovehill Road Beverley East Riding of Yorkshire HU17 0ES	Approved	1	Low	3.68	2.99	5.50	Construction: Unknown												
Erection of 30 Dwellings at Site of Former Beverley St Nicholas Primary School Juniors (21/02391/PLF)	Residential Development	St Nicholas Road Beverley East Riding of Yorkshire HU17 0QP	Approved	1	Low	3.00	2.25	4.56	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 53 Dwellings at Site of Longcroft Lower School (23/01202/STP LF)	Residential Development	Church Road Molescroft East Riding of Yorkshire HU17 7EN	Approved	1	Low	1.36	3.58	4.37	Construction: Unknown												
Erection of 22 Dwellings and 1 Apartment Block at Site of Needler Hall (22/02672/STVAR/16/00075/STPLF)	Residential Development	Northgate Cottingham East Riding of Yorkshire HU16 5QN	Approved	1	Low	2.23	3.58	3.97	Construction: Unknown												
Skipsea Sands Holiday Park (22/01741/PLF)	Leisure Facility	Mill Lane Skipsea East Riding of Yorkshire YO25 8TZ	Approved	1	Low	0.20	23.62	25.97	Construction: Unknown												
Manufacturing Facility Extension at Swift Group Limited Dunswell Road (22/02744/STPLF)	Commercial Development	Dunswell Road Cottingham East Riding of Yorkshire HU16 4JX	Approved	1	Low	1.51	2.39	3.78	Construction: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 48 Dwellings at Land West of Priory Road (19/02848/STPLF)	Residential Development	Priory Road Cottingham East Riding of Yorkshire HU5 5SE	Approved	1	Low	4.28	5.60	5.86	Construction: Unknown												
Erection of 64 Dwellings at University of Hull Thwaite Hall (19/00480/STPLF)	Residential Development	Thwaite Street Cottingham East Riding of Yorkshire HU16 4RE	Pending Consideration	1	Low	3.22	4.44	5.08	Construction: Unknown												
Construction of Asphalt Plant at Catfoss Pig Farm (23/03473/CM)	Industrial Development	Catfoss Lane Brandesburton East Riding of Yorkshire YO25 8ES	Approved	1	Low	1.67	15.31	17.72	Construction: Unknown Operation: Unknown												
Extension of Milegate Landfill and New Landfill Gas Utilisation Compound	Industrial Development	Catwick Lane Brandesburton East Riding of Yorkshire YO25 8SA	Approved	1	Mode rate	3.57	13.20	15.74	Construction: Unknown Operation: Unknown												

Project / Plan	Development Type	Location	Status	Tier	Data Confidence / Availability	Closest Distance from Onshore ECC (km)	Closest Distance from OCS Zone 4 (km)	Closest Distance from OCS Zone 8 (km)	Construction / Operation Period(s)*	Topic-Specific Shortlisting											
										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Catwick Grange Holiday Park (21/03947/STVAR / 18/04095/STPLF)	Leisure Facility	Hornsea Road Leven East Riding of Yorkshire YO25 8RU	Approved	1	Low	2.82	12.47	14.96	Construction: Unknown												
Construction of High Voltage Switchrooms and Substations for Yarrow Aggregates	Electricity Transmission Infrastructure	Leven Bypass White Cross to Leven Roundabout Leven East Riding of Yorkshire HU17 5PS	Approved	1	Low	4.31	11.76	14.44	Construction: Unknown Operation: Unknown												
Turf Carr Solar Farm (22/02775/STPLF)	Solar Farm	Kidhill Lane Benningholme East Riding of Yorkshire HU11 5EF	Approved	1	Mode rate	5.03	8.75	11.31	Construction: Unknown Operation: Unknown												
Scurf Dyke Solar Farm (19/04321/STPLF)	Solar Farm	Stockbridge Lane Hutton Cranswick East Riding of Yorkshire YO25 9RB	Under Construction	1	Mode rate	4.83	14,52	15.86	Construction: Unknown Operation: Unknown												

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										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change
Erection of 118 Dwellings at Land West of Garth House	Residential Development	Hornsea Road Leven East Riding of Yorkshire HU17 5NJ	Approved	1	Low	2.81	11.22	13.74	Construction: Unknown												
Erection of 89 Dwellings at The Paddocks	Residential Development	High Stile Leven East Riding of Yorkshire HU17 5NL	Approved	1	Low	2.44	10.77	13.28	Construction: Unknown												
Extension of Operations at Riplingham Quarry (20/04198/CM)	Quarry	Westoby Lane Riplingham East Riding of Yorkshire HU20 3XT	Operational	1	Mode rate	4.24	8.00	5.48	Operation: 1980 to 2030												

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										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change	
Hull City Council Planning Applications																						
Erection of 157 Dwellings at Barnes Way Land to East of and Kingswood House (21/01691/FULL)	Residential Development	Ashcombe Road Kingston upon Hull HU7 3DD	Approved	1	Low	4.85	5.27	7.21	Construction: Unknown													
Erection of 99 Dwellings at Danepark Road (20/01488/FULL)	Residential Development	Danepark Road Kingston upon Hull HU6 9AF	Under Construction	1	Mode rate	2.79	3.64	4.99	Construction: 2024 to 2027													
Erection of 11 Dwellings and 14 Flats at Ellerburn Avenue (19/01422/FULL)	Residential Development	Orchard Park Road Kingston upon Hull HU6 9RL	Approved	1	Low	3.71	4.49	5.94	Construction: Unknown													

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										Geology and Ground Conditions	Air Quality and Dust	Water Resources and Flood Risk	Soils and Land Use	Onshore Ecology and Ornithology	Noise and Vibration	Traffic and Transport	Landscape and Visual Impacts	Major Accidents and Disasters	Human Health	Socio-Economics, Tourism and Recreation	Climate Change	
Erection of 34 Dwellings at Isledane (20/01495/FULL)	Residential Development	Isledane Kingston upon Hull HU6 9DZ	Under Construction	1	Low	3.14	3.91	5.40	Construction: 2025 to Unknown													
Erection of 450 Dwellings at Richmond Way Land West of Kingston Upon Hull (19/01511/FULL)	Residential Development	Richmond Way Kingston upon Hull HU7 3AB	Pending Consideration	1	Mode rate	4.29	4.44	6.57	Construction: 2025 to 2030													
Erection of 70 Dwellings at Site of William Gee School (18/01434/RES/15/00601/OUT)	Residential Development	Bishop Alcock Road Kingston upon Hull HU5 4RX	Approved	1	Low	4.59	5.81	6.31	Construction: Unknown													