



FIVE
ESTUARIES
OFFSHORE WIND FARM

FIVE ESTUARIES
OFFSHORE WIND FARM
1.3 GUIDE TO THE APPLICATION (AND
GLOSSARY) (CLEAN)

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In preparation of this document Five Estuaries Wind Farm Ltd has made reasonable efforts to ensure that the content is accurate, up to date and complete for the purpose.

Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
A	Mar-24	Application	VEOWFL	VEOWFL	VEOWFL
B	Apr-24	Section 51 advice response	VEOWFL	VEOWFL	VEOWFL
C	Sep-24	Procedural Deadline D	VEOWFL	VEOWFL	VEOWFL

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1. INTRODUCTION

1.1 Introduction

- 1.1.1 This document has been prepared to accompany an application by Five Estuaries Offshore Windfarm Limited ('the Applicant') for a Development Consent Order (DCO) under section 37 of the Planning Act 2008 for a new offshore windfarm 'Five Estuaries Offshore Windfarm' with an output in excess of 100MW.
- 1.1.2 The Project is a proposed extension project to the operational Galloper Offshore Wind Farm (Galloper) situated off the coast of Suffolk. The Project includes provision for the construction, operation, maintenance and decommissioning of an offshore wind farm located approximately 37 kilometres off the coast of Suffolk at its closest point in the southern North Sea; including up to 79 wind turbine generators and associated infrastructure making landfall at Sandy Point between Frinton-on-Sea and Holland-on-Sea, the installation of underground cables, and the construction of an electrical substation and associated infrastructure to the west of Little Bromley to connect the development to National Grid's proposed East Anglia Connection Node substation.
- 1.1.3 As the Project has a proposed generating capacity in excess of 100MW, it is a Nationally Significant Infrastructure Project under section 15(3) of the Planning Act 2008 ('the Act'). It therefore requires an application for a DCO to be submitted to the Planning Inspectorate under the Act.

1.2 Purpose of this document

- 1.2.1 This document provides a full list of all documents submitted with the Application. This includes the revisions numbers for each document and will be updated to include the Examination Library reference when available.
- 1.2.2 These documents are set out in Appendix 1
- 1.2.3 This is intended to be a live document and Appendix 1 will be updated whenever new documents or revisions are submitted after acceptance of the DCO application and during the examination period. The table will list the latest revision of each document and highlight when a new document was submitted.
- 1.2.4 This Guide to the Application provides an overview of the contents of the Application for the Five Estuaries DCO and signposts to the documents submitted to the Secretary of State (via the Planning Inspectorate), so that information can be easily found.
- 1.2.5 In addition, Appendix 2 contains a glossary of terms and common acronyms used throughout the DCO application.

1.3 Document categories

1.3.1 The application documents are split into eight volumes. The Environmental Statement contains seven individual parts. The designation 'Volume 7' is not used in the application. The designation 'Volume 10' will be used for documents added during Examination.

Volume	Overview
1. Application form	Provides details of the specific application information required by the Planning Inspectorate.
2. Plans	Contains the plans which show where we propose to undertake work.
3. Draft Development Consent Order	Outlines the legal powers sought by the Applicant to construct and maintain the Project.
4. Compulsory Acquisition Information	Provides details of the powers of compulsory acquisition that are sought.
5. Reports	Contains documents required to be submitted with the DCO application, including the consultation report.
6. Environmental Statement	Contains information showing how the Applicant has assessed the potential impact on the environment.
7. <i>Photographs (Not used in this application)</i>	<i>Contains photographs to support the application. (Not used in this application)</i>
8. Additional Regulation 6 Information	Contains specified documents required to be submitted for an application for an offshore wind farm
9. Other documents	Includes additional documents produced in support of the application.
10. Examination documents	New documents submitted during the Pre-Examination and Examination period.

APPENDIX 1: DOCUMENT LIST

Table 1: Document list

Doc Ref	Doc Name	Revision	Version	Submission Date	Examination library reference
1. Application form					
1.1	Cover letter for the Five Estuaries project DCO application	A	Submission	22-Mar-24	APP-001
1.2	Application form for the Five Estuaries project	A	Submission	22-Mar-24	APP-002
1.3	Guide to the Application (and Glossary) (Tracked)	C	Procedural Deadline D	9-Sep-24	TBA
1.3	Guide to the Application (and Glossary) (Clean)	C	Procedural Deadline D	9-Sep-24	TBA
1.4	Copies of Statutory Newspaper Notices	A	Submission	22-Mar-24	APP-004
1.5	Draft Section 55 Checklist	A	Submission	22-Mar-24	APP-005
2. Plans					
2.1	Location Plan - Onshore	A	Submission	22-Mar-24	APP-006
2.2	Location Plan - Offshore	A	Submission	22-Mar-24	APP-007
2.3	Land Plans - onshore	A	Submission	22-Mar-24	APP-008
2.4	Special Category Land Plan	A	Submission	22-Mar-24	APP-009
2.5	Works Plans - Onshore	A	Submission	22-Mar-24	APP-010
2.6	Works plans - Offshore	A	Submission	22-Mar-24	APP-011
2.7	Offshore Order Limits and Grid Coordinates Plan	A	Submission	22-Mar-24	APP-012
2.8	Street Works and Access Plan	A	Submission	22-Mar-24	APP-013
2.9	Plan showing temporary closure of Public Rights of Way	A	Submission	22-Mar-24	APP-014
2.10	Tree Preservation Order and Hedgerow Plan	A	Submission	22-Mar-24	APP-015
2.11	Historic Environment Plan - Onshore	A	Submission	22-Mar-24	APP-016
2.12	Historic Environment Plan - Offshore	A	Submission	22-Mar-24	APP-017

2.13	Statutory or Non-Statutory Sites and Features of Nature Conservation - Onshore	A	Submission	22-Mar-24	APP-018
2.14	Statutory or Non-Statutory Sites and Features of Nature Conservation - Offshore	A	Submission	22-Mar-24	APP-019
2.15	Water Bodies in a River Basin Management Plan	A	Submission	22-Mar-24	APP-020
2.16	Crown Land Plan - Offshore	A	Submission	22-Mar-24	APP-021
2.17	Crown Land Plan - Onshore	A	Submission	22-Mar-24	APP-022
2.18	Temporary Speed Reduction Plan	A	Submission	22-Mar-24	APP-023
3. Draft DCO					
3.1	Draft Development Consent Order	A	Submission	22-Mar-24	APP-024
3.1	Draft Development Consent Order - word version	A	Submission	22-Mar-24	APP-024
3.2	Draft Explanatory Memorandum	A	Submission	22-Mar-24	APP-025
4. Compulsory Acquisition Information					
4.1	Book of Reference	A	Submission	22-Mar-24	APP-026
4.1.1	Schedule of Negotiations	A	Submission	22-Mar-24	APP-027
4.1.2	Statutory Undertakers Position Statement	A	Submission	22-Mar-24	APP-028
4.2	Funding Statement	A	Submission	22-Mar-24	APP-029
4.3	Statement of Reasons	A	Submission	22-Mar-24	APP-030
5. Reports					
5.1	Consultation Report	A	Submission	22-Mar-24	APP-031
5.1.1	Consultation Report - Appendix 1 to 7	A	Submission	22-Mar-24	APP-032
5.1.2	Consultation Report - Appendix 8 to 11	A	Submission	22-Mar-24	APP-033
5.2	Evidence Plan	A	Submission	22-Mar-24	APP-034
5.2.1	Evidence Plan Terms of Reference	A	Submission	22-Mar-24	APP-035
5.2.2	Summary of pre-application meetings	A	Submission	22-Mar-24	APP-036
5.2.3	Selected Meeting Minutes from Evidence Plan Process	A	Submission	22-Mar-24	APP-037
5.3.1	Flood Risk Assessment - Export Cable Corridor	A	Submission	22-Mar-24	APP-038
5.3.2	Flood Risk Assessment - Onshore Substation	A	Submission	22-Mar-24	APP-039

5.4	Report to Inform Appropriate Assessment	A	Submission	22-Mar-24	APP-040
5.4.1	HRA Site Integrity Matrices	A	Submission	22-Mar-24	APP-041
5.4.2	HRA Screening Report	A	Submission	22-Mar-24	APP-042
5.4.3	HRA Screening Matrices	A	Submission	22-Mar-24	APP-043
5.4.4	Summary of Designated Sites	A	Submission	22-Mar-24	APP-044
5.4.5	Lesser Black Backed Gull Habitats Regulation Assessment	A	Submission	22-Mar-24	APP-045
5.5	Habitats Regulations Derogation Case	B	Section 51 advice response	26-Apr-24	AS-003
5.5.1	Benthic Compensation Strategy Roadmap	A	Submission	22-Mar-24	APP-047
5.5.2	Outline Benthic Implementation and Monitoring Plan	A	Submission	22-Mar-24	APP-048
5.5.3	LBBG Compensation Evidence, Site Selection and Roadmap	A	Submission	22-Mar-24	APP-049
5.5.4	Kittiwake Evidence, Site Selection and Roadmap	A	Submission	22-Mar-24	APP-050
5.5.5	Guillemot and Razorbill Evidence, Site Selection and Roadmap	A	Submission	22-Mar-24	APP-051
5.5.6	Lesser Black Backed Gull Implementation and Monitoring Plans	A	Submission	22-Mar-24	APP-052
5.5.7	Kittiwake Implementation and Monitoring Plans	A	Submission	22-Mar-24	APP-053
5.5.8	Guillemot and Razorbill Implementation and Monitoring Plans	A	Submission	22-Mar-24	APP-054
5.5.9	LBBG Compensation Site Suitability Report	A	Submission	22-Mar-24	APP-055
5.5.10	Compensation Measures Funding Statement	A	Submission	22-Mar-24	APP-056
5.5.11	Compensation Longlist and Shortlist	A	Submission	22-Mar-24	APP-057
5.6	Stage 1 Marine Conservation Zone Assessment	A	Submission	22-Mar-24	APP-058
5.7	Statutory Nuisance Statement	A	Submission	22-Mar-24	APP-059
5.8	Details of other consents and licences	A	Submission	22-Mar-24	APP-060

6. Environmental Statement (Part 1. Introduction)					
6.1.1	Introduction	A	Submission	22-Mar-24	APP-061
6.1.2	Policy and Legislation	A	Submission	22-Mar-24	APP-062
6.1.3	EIA Methodology	A	Submission	22-Mar-24	APP-063
6.1.3.1	Cumulative Effects Assessment Methodology	A	Submission	22-Mar-24	APP-064
6.1.3.2	Transboundary Screening	A	Submission	22-Mar-24	APP-065
6.1.4	Site Selection and Alternatives	A	Submission	22-Mar-24	APP-066
6.1.5	Non-Technical Summary of the ES	A	Submission	22-Mar-24	APP-067
6.1.6	Scoping Report and Scoping Opinion	A	Submission	22-Mar-24	APP-068
6. Environmental Statement (Part 2. Offshore Chapters)					
6.2.1	Offshore Project Description	A	Submission	22-Mar-24	APP-069
6.2.1.1	Detailed Offshore Project Design Envelope	A	Submission	22-Mar-24	APP-070
6.2.2	Marine Geology, Oceanography and Physical processes chapter	A	Submission	22-Mar-24	APP-071
6.2.3	Marine Water and Sediment Quality chapter	A	Submission	22-Mar-24	APP-072
6.2.4	Offshore Ornithology chapter	A	Submission	22-Mar-24	APP-073
6.2.5	Benthic and Intertidal Ecology chapter	A	Submission	22-Mar-24	APP-074
6.2.6	Fish and Shellfish Ecology chapter	A	Submission	22-Mar-24	APP-075
6.2.7	Marine Mammal Ecology chapter	A	Submission	22-Mar-24	APP-076
6.2.8	Commercial Fisheries chapter	A	Submission	22-Mar-24	APP-077
6.2.9	Shipping and Navigation chapter	A	Submission	22-Mar-24	APP-078
6.2.10	Seascape, Landscape and Visual chapter	A	Submission	22-Mar-24	APP-079
6.2.11	Offshore Archaeology and Cultural Heritage chapter	A	Submission	22-Mar-24	APP-080
6.2.12	Infrastructure and Other Marine Users chapter (Tracked)	B	Procedural Deadline D	9-Sep-24	TBA
6.2.12	Infrastructure and Other Marine Users chapter (Clean)	B	Procedural Deadline D	9-Sep-24	TBA
6.2.13	Military and Civil Aviation chapter	A	Submission	22-Mar-24	APP-082
6. Environmental Statement (Part 3. Onshore Chapters)					
6.3.1	Onshore Project Description chapter	B	Section 51 advice response	26-Apr-24	AS-004

6.3.2	Landscape and Visual Impact Assessment chapter	A	Submission	22-Mar-24	APP-084
6.3.3	Socio-Economic, Tourism and Recreation chapter	A	Submission	22-Mar-24	APP-085
6.3.4	Onshore Biodiversity and Nature Conservation chapter	A	Submission	22-Mar-24	APP-086
6.3.5	Ground Conditions and Land Use chapter	A	Submission	22-Mar-24	APP-087
6.3.6	Hydrology, Hydrogeology and Flood Risk chapter	A	Submission	22-Mar-24	APP-088
6.3.7	Archaeology and Cultural Heritage chapter	A	Submission	22-Mar-24	APP-089
6.3.8	Traffic and Transport chapter	A	Submission	22-Mar-24	APP-090
6.3.9	Airborne Noise and Vibration chapter	A	Submission	22-Mar-24	APP-091
6.3.10	Air Quality chapter	A	Submission	22-Mar-24	APP-092
6. Environmental Statement (Part 4. Project Wide)					
6.4.1	Climate Change chapter	A	Submission	22-Mar-24	APP-093
6.4.1.1	Greenhouse Gas Assessment of the project	A	Submission	22-Mar-24	APP-094
6.4.2	Human Health and Major Disasters chapter	B	Section 51 advice response	26-Apr-24	AS-005
6.4.2.1	Human Health Baseline	A	Submission	22-Mar-24	APP-096
6.4.2.1	Human Health Literature Review	A	Submission	22-Mar-24	APP-097
6.4.3	Inter-Relationships chapter	A	Submission	22-Mar-24	APP-098
6. Environmental Statement (Part 5. Offshore Annexes)					
6.5.2.1	ES Annex showing the Physical Processes Baseline Technical Report	A	Submission	22-Mar-24	APP-099
6.5.2.2	ES Annex showing the Physical Processes Model Design and Validation	A	Submission	22-Mar-24	APP-100
6.5.2.3	ES Annex showing the Physical Processes Technical Assessment	A	Submission	22-Mar-24	APP-101
6.5.2.4	ES Annex showing the Main Array and Export Cable Route - Environmental Features Report	A	Submission	22-Mar-24	APP-102
6.5.4.1	ES Annex showing the Offshore Ornithology Technical Report	A	Submission	22-Mar-24	APP-103

6.5.4.2	ES Annex showing the Seabird Abundance by Month	A	Submission	22-Mar-24	APP-104
6.5.4.3	ES Annex showing the Seabird Densities by Month	A	Submission	22-Mar-24	APP-105
6.5.4.4	ES Annex showing the Seabird Abundances by Survey	A	Submission	22-Mar-24	APP-106
6.5.4.5	ES Annex showing the Seabird Densities by Survey	A	Submission	22-Mar-24	APP-107
6.5.4.6	ES Annex showing the Seabird Peak Seasonal Abundances	A	Submission	22-Mar-24	APP-108
6.5.4.7	ES Annex showing the Seabird Peak Seasonal Densities	A	Submission	22-Mar-24	APP-109
6.5.4.8	ES Annex showing the Collision Risk Modelling Inputs and Outputs	A	Submission	22-Mar-24	APP-110
6.5.4.9	ES Annex showing the Seabird Distributions Recorded in Aerial Surveys	A	Submission	22-Mar-24	APP-111
6.5.4.10	ES Annex showing the CRM Comparison of Modelling Results	A	Submission	22-Mar-24	APP-112
6.5.4.11	ES Annex showing the Design based bootstrap variance estimates	A	Submission	22-Mar-24	APP-113
6.5.4.12	ES Annex showing the Digital Video Aerial Surveys of Seabirds and Marine mammals at VE Annual Report March 2019 to February 2021	A	Submission	22-Mar-24	APP-114
6.5.4.13	ES Annex showing the Digital Video Aerial Surveys of Seabirds and Marine mammals at VE Annual Report March 2019 to February 2020	A	Submission	22-Mar-24	APP-115
6.5.4.14	ES Annex showing the Migratory Bird Collision Risk Modelling	A	Submission	22-Mar-24	APP-116
6.5.4.15	ES Annex Apportioning Note	A	Submission	22-Mar-24	APP-117
6.5.4.16	ES Annex showing the Population Viability Analysis	A	Submission	22-Mar-24	APP-118

6.5.5.1	ES Annex showing the Main Array - Benthic Ecology Monitoring Report	A	Submission	22-Mar-24	APP-119
6.5.5.2	ES Annex showing the Export Cable Route and Intertidal Benthic Ecology Monitoring Report	A	Submission	22-Mar-24	APP-120
6.5.6.1	ES Annex Fish and Shellfish Ecology Technical Baseline Report	A	Submission	22-Mar-24	APP-121
6.5.6.2	ES Annex Underwater Noise Technical Report	A	Submission	22-Mar-24	APP-122
6.5.6.2.1	ES Annex showing the Landfall Impact Piling Modelling	A	Submission	22-Mar-24	APP-123
6.5.6.3	ES Annex showing the Spawning Herring Heatmaps - International Herring Larval Survey Data	A	Submission	22-Mar-24	APP-124
6.5.6.4	ES Annex Herring Seasonal Restriction Note	A	Submission	22-Mar-24	APP-125
6.5.7.1	ES Annex Marine Mammals Baseline Characterisation	A	Submission	22-Mar-24	APP-126
6.5.8.1	ES Annex Commercial Fisheries Technical Baseline Report	A	Submission	22-Mar-24	APP-127
6.5.11.1	ES Annex Offshore Archaeology and Cultural Heritage Technical Report	A	Submission	22-Mar-24	APP-128
6. Environmental Statement (Part 6. Onshore Annexes)					
6.6.1.1	Onshore cable route obstacle crossing register	A	Submission	22-Mar-24	APP-129
6.6.3.1	ES Annex showing Full Time Equivalent Employment and Gross Value Added Headlines	A	Submission	22-Mar-24	APP-130
6.6.3.2	ES Annex which identifies Community Facilities within 5km of the Onshore Order Limits	A	Submission	22-Mar-24	APP-131
6.6.4.1	ES Annex Great Crested Newt Survey Report - Additional Ponds	A	Submission	22-Mar-24	APP-132

6.6.4.2	ES Annex Breeding Bird Survey - North of A120	A	Submission	22-Mar-24	APP-133
6.6.4.3	ES Annex Breeding Bird Survey - South of A120	A	Submission	22-Mar-24	APP-134
6.6.4.4	ES Annex Onshore Landfall Area Breeding Bird Surveys 2022	A	Submission	22-Mar-24	APP-135
6.6.4.5	ES Annex Onshore Cable Route - Non-breeding Bird Surveys 2022-23	A	Submission	22-Mar-24	APP-136
6.6.4.6	ES Annex Wintering Bird Data Analysis in relation to Onshore Works	A	Submission	22-Mar-24	APP-137
6.6.4.7	ES Annex Bat Survey Report - North of A120	A	Submission	22-Mar-24	APP-138
6.6.4.8	ES Annex Roosting Bats Tree Survey Report - South of A120	A	Submission	22-Mar-24	APP-139
6.6.4.9	ES Annex Bat Activity Survey Report - South of A120	A	Submission	22-Mar-24	APP-140
6.6.4.10	ES Annex Bat Survey Report - Additional Trees South of A120	A	Submission	22-Mar-24	APP-141
6.6.4.11	ES Annex Badger Survey Report - North of A120 - Public	A	Submission	22-Mar-24	APP-142
6.6.4.12	ES Annex Dormouse Survey Report -North of A120	A	Submission	22-Mar-24	APP-143
6.6.4.13	ES Annex Dormouse Survey Report - South of A120	A	Submission	22-Mar-24	APP-144
6.6.4.14	ES Annex Otter and Water Vole Survey Report - North of A120	A	Submission	22-Mar-24	APP-145
6.6.4.15	ES Annex Otter and Water Vole Survey Report - South of A120	A	Submission	22-Mar-24	APP-146
6.6.4.16	ES Annex Reptile Survey Report - North of A120	A	Submission	22-Mar-24	APP-147
6.6.4.17	ES Annex Reptile Survey Report - South of A120	A	Submission	22-Mar-24	APP-148

6.6.4.18	ES Annex Five Estuaries Offshore Wind Farm Onshore Biodiversity Net Gain Indicative Design Stage Report	A	Submission	22-Mar-24	APP-149
6.6.4.19	ES Annex Statutory Designated Sites Qualifying or Notified Features	A	Submission	22-Mar-24	APP-150
6.6.4.20	ES Annex VE OWF - GCN District Level Licencing Impact Assessment and Conservation Payment Certificate - unsigned - and associated documents	A	Submission	22-Mar-24	APP-151
6.6.4.21	ES CONFIDENTIAL ANNEX Protected species report and figures	A	Submission	22-Mar-24	APP-152
6.6.4.22.1	ES Annex Preliminary_Ecological_Appraisal_Part 1	A	Submission	22-Mar-24	APP-153
6.6.4.22.2	ES Annex Preliminary_Ecological_Appraisal_Part 2	A	Submission	22-Mar-24	APP-154
6.6.4.22.3	ES Annex Preliminary_Ecological_Appraisal_Part 3	A	Submission	22-Mar-24	APP-155
6.6.4.23	ES Annex Preliminary Environmental Information Report - Habitat and Hedgerow and Great Crested Newt Reports	A	Submission	22-Mar-24	APP-156
6.6.4.24	ES Annex Preliminary Environmental Information Report - Wintering Birds Landfall Report	A	Submission	22-Mar-24	APP-157
6.6.4.25	ES Annex North Falls Ecology Reports	A	Submission	22-Mar-24	APP-158
6.6.6.1	ES Annex Ground Water Risk Assessment	A	Submission	22-Mar-24	APP-159
6.6.7.1	ES Annex Historic Environment Desk-Based Assessment	A	Submission	22-Mar-24	APP-160
6.6.7.2	ES Annex Onshore Geophysics Report	A	Submission	22-Mar-24	APP-161
6.6.7.3	ES Annex Geoarchaeological Desk Based Assessment	A	Submission	22-Mar-24	APP-162
6.6.7.4	ES Annex Archaeological and Geoarchaeological Monitoring of Ground Investigation works	A	Submission	22-Mar-24	APP-163

6.6.7.5	ES Annex Onshore Cultural Heritage - GPA3 Exercise and Technical Note - Offshore Array	A	Submission	22-Mar-24	APP-164
6.6.7.6	ES Annex Onshore Cultural Heritage - GPA3 Exercise and Technical Note - Onshore Project Area	A	Submission	22-Mar-24	APP-165
6.6.7.7	ES Annex Onshore Archaeological and Geoarchaeological Monitoring of Ground Investigation	A	Submission	22-Mar-24	APP-166
6.6.7.8	ES Annex Archaeological and Palaeolithic Evaluation Phase 1 Report	A	Submission	22-Mar-24	APP-167
6.6.7.9	ES Annex Archaeological and Palaeolithic Evaluation Phase 2 Report	A	Submission	22-Mar-24	APP-168
6.6.7.10.1	ES Annex Cultural Heritage Wirelines and Viewpoints	A	Submission	22-Mar-24	APP-169
6.6.7.10.2	ES Annex Cultural Heritage Wirelines and Viewpoints	A	Submission	22-Mar-24	APP-170
6.6.7.10.3	ES Annex Cultural Heritage Wirelines and Viewpoints	A	Submission	22-Mar-24	APP-171
6.6.8.1	ES Annex: Traffic and Transport Baseline Report - Part 1	A	Submission	22-Mar-24	APP-172
6.6.8.2	ES Annex: Traffic and Transport Baseline Report - Part 2	A	Submission	22-Mar-24	APP-173
6.6.9.1	ES Annex Onshore Airborne Noise Baseline Noise Survey	A	Submission	22-Mar-24	APP-174
6.6.9.2	ES Annex Onshore Airborne Noise Construction Sound Power Details	A	Submission	22-Mar-24	APP-175
6.6.10.1	ES Annex Construction Dust Assessment Methodology	A	Submission	22-Mar-24	APP-176
6.6.10.2	ES Annex Non Road Mobile Machinery Emissions Assessment	A	Submission	22-Mar-24	APP-177
6.6.10.3	ES Annex Offshore Activities Assessment	A	Submission	22-Mar-24	APP-178
6.6.10.4	ES Annex Road Traffic Dispersion Modelling Methodology	A	Submission	22-Mar-24	APP-179

6. Environmental Statement (Part 7. LVIA & SLVIA)					
6.7.10.1	ES Annex Seascape, Landscape and Visual Methodology	A	Submission	22-Mar-24	APP-197
6.7.10.2	ES Annex Seascape, Landscape and Visual Viewpoint Assessment	A	Submission	22-Mar-24	APP-198
6.7.10.3.1	ES Annex Seascape, Landscape and Visual Figures and Photomontages 10.1 - 10.5	A	Submission	22-Mar-24	APP-199
6.7.10.3.2	ES Annex Seascape, Landscape and Visual Figures and Photomontages 10.6 - 10.10	A	Submission	22-Mar-24	APP-200
6.7.10.3.3	ES Annex Seascape, Landscape and Visual Figures and Photomontages 10.11 - 10.15	A	Submission	22-Mar-24	APP-201
6.7.10.3.4	ES Annex Seascape, Landscape and Visual Figures and Photomontages 10.16 - 10.20	A	Submission	22-Mar-24	APP-202
6.7.10.3.5	ES Annex Seascape, Landscape and Visual Figures and Photomontages 10.21 - 10.25	A	Submission	22-Mar-24	APP-203
6.7.10.3.6	Figure 10.26 Viewpoint 1 Southwold - Gun Hill	A	Submission	22-Mar-24	APP-204
6.7.10.3.7	Figure 10.27 Viewpoint 2 Dunwich Beach	A	Submission	22-Mar-24	APP-205
6.7.10.3.8	Figure 10.28 Viewpoint 3 Dunwich Heath - Coastguard Cottages	A	Submission	22-Mar-24	APP-206
6.7.10.3.9	Figure 10.29 Viewpoint 4 Sizewell Beach	A	Submission	22-Mar-24	APP-207
6.7.10.3.10	Figure 10.30 Viewpoint 5 Thorpeness	A	Submission	22-Mar-24	APP-208
6.7.10.3.11	Figure 10.31 Viewpoint 6 Aldeburgh	A	Submission	22-Mar-24	APP-209
6.7.10.3.12	Figure 10.32 Viewpoint 7 Orford Castle	A	Submission	22-Mar-24	APP-210
6.7.10.3.13	Figure 10.33 Viewpoint 8 Burrow Hill - Suffolk Coast Path	A	Submission	22-Mar-24	APP-211
6.7.10.3.14	Figure 10.34 Viewpoint 9 Orfordness - Bomb Ballistics Building	A	Submission	22-Mar-24	APP-212
6.7.10.3.15	Figure 10.35 Viewpoint 10 Shingle Street	A	Submission	22-Mar-24	APP-213
6.7.10.3.16	Figure 10.36 Viewpoint 11 Old Felixstowe	A	Submission	22-Mar-24	APP-214
6.7.10.3.17	Figure 10.37 Viewpoint 12 The Naze, Walton	A	Submission	22-Mar-24	APP-215
6.7.10.3.18	Figure 10.38 Viewpoint 13 Walton Pier	A	Submission	22-Mar-24	APP-216

6.7.10.3.19	Figure 10.39 Viewpoint 14 Walton, Mill Lane	A	Submission	22-Mar-24	APP-217
6.7.10.3.20	Figure 10.40 Viewpoint A Covehithe	A	Submission	22-Mar-24	APP-218
6.7.10.3.21	Figure 10.41 Viewpoint B Southwold Pier	A	Submission	22-Mar-24	APP-219
6.7.10.3.22	Figure 10.42 Viewpoint C Bawdsey Manor	A	Submission	22-Mar-24	APP-220
6.7.10.3.23	Figure 10.43 Viewpoint D Landguard Fort	A	Submission	22-Mar-24	APP-221
6.7.10.3.24	Figure 10.44 Viewpoint E Harwich	A	Submission	22-Mar-24	APP-222
6.7.10.3.25	Figure 10.45 Viewpoint F Clacton on Sea	A	Submission	22-Mar-24	APP-223
6.7.10.3.26	Figure 10.46 Viewpoint G Foreness Point	A	Submission	22-Mar-24	APP-224
6.7.2.1	ES Annex Landscape and Visual Impact Assessment Figures	A	Submission	22-Mar-24	APP-180
6.7.2.2.1	Figure 2.16a-c VP1 Ardleigh Road near Normans Farm	A	Submission	22-Mar-24	APP-181
6.7.2.2.2	Figure 2.16d-g VP1 Ardleigh Road near Normans Farm	A	Submission	22-Mar-24	APP-182
6.7.2.2.3	Figure 2.17a-c VP2 Barn Lane PRoW	A	Submission	22-Mar-24	APP-183
6.7.2.2.4	Figure 2.17d-g VP2 Barn Lane PRoW	A	Submission	22-Mar-24	APP-184
6.7.2.2.5	Figure 2.18a-c VP3 Grange Road PRoW	A	Submission	22-Mar-24	APP-185
6.7.2.2.6	Figure 2.18d-g VP3 Grange Road PRoW	A	Submission	22-Mar-24	APP-186
6.7.2.2.7	Figure 2.19a-g VP4 Ardleigh Road near Jennings Farm	A	Submission	22-Mar-24	APP-187
6.7.2.2.8	Figure 2.20a-c VP5 Barlon Road near Little Bromley	A	Submission	22-Mar-24	APP-188
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6.7.2.2.10	Figure 2.21a-c VP6 Badley Hall Road	A	Submission	22-Mar-24	APP-190
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6.7.2.2.12	Figure 2.22a-g VP7 Little Bromley PRoW	A	Submission	22-Mar-24	APP-192
6.7.2.2.13	Figure 2.23a-f VP8 Lilleys Farm	A	Submission	22-Mar-24	APP-193
6.7.2.2.14	Figure 2.24a-c VP9 Essex Way Dedham Road	A	Submission	22-Mar-24	APP-194
6.7.2.2.15	Figure 2.25a-c VP10 Waterhouse Lane	A	Submission	22-Mar-24	APP-195
6.7.2.2.16	Figure 2.26a-c VP11 Bounds Farm Hungerdown Lane	A	Submission	22-Mar-24	APP-196

6. Environmental Statement (Part 8. LBBG EIA)					
6.8.1	Lesser Black Backed Gull Compensatory Areas Environmental Impact Assessment	A	Submission	22-Mar-24	APP-225
6.8.1.1	ES Annex Lesser Black Backed Gull Flood Risk Assessment	A	Submission	22-Mar-24	APP-226
6.8.1.2	ES Annex Lesser Black Backed Gull Landscape and Visual Impact Assessment	A	Submission	22-Mar-24	APP-227
6.8.1.3	ES Annex Lesser Blacked Backed Gull Ecological Impact Assessment	A	Submission	22-Mar-24	APP-228
8. Regulation 6 Information					
8.1	Cable Statement	A	Submission	22-Mar-24	APP-229
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9. Other Documents					
9.1	Planning Statement	A	Submission	22-Mar-24	APP-231
9.2	Policy Compliance Document	A	Submission	22-Mar-24	APP-232
9.3	Offshore Project Design Principles	A	Submission	22-Mar-24	APP-233
9.4	Onshore Substation Design Principles Document	A	Submission	22-Mar-24	APP-234
9.5	Minerals Resource Assessment	A	Submission	22-Mar-24	APP-235
9.6	Water Framework Directive Assessment - onshore	A	Submission	22-Mar-24	APP-236
9.7	Water Framework Directive assessment - offshore	A	Submission	22-Mar-24	APP-237
9.8	Dredge Disposal Site Characterisation Report	A	Submission	22-Mar-24	APP-238
9.9	Outline Cable Burial Risk Assessment	A	Submission	22-Mar-24	APP-239
9.1	Navigational Risk Assessment	A	Submission	22-Mar-24	APP-240
9.11	Equality Impact Assessment	A	Submission	22-Mar-24	APP-241
9.12	Outline Cable Specification and Installation Plan	A	Submission	22-Mar-24	APP-242
9.13	Margate and Long Sands SAC Benthic Mitigation Plan	A	Submission	22-Mar-24	APP-243

9.14.1	Outline Marine Mammal Mitigation Protocol - Piling	A	Submission	22-Mar-24	APP-244
9.14.2	Outline Marine Mammal Mitigation Protocol - UXO	A	Submission	22-Mar-24	APP-245
9.15	Outline Southern North Sea Special Area of Conservation Site Integrity Plan	A	Submission	22-Mar-24	APP-246
9.16	Outline Fisheries Liaison and Co-existence Plan	A	Submission	22-Mar-24	APP-247
9.17	Outline Offshore Operations and Maintenance Plan	A	Submission	22-Mar-24	APP-248
9.18	Outline Project Environmental Management Plan	A	Submission	22-Mar-24	APP-249
9.18.1	Working in Proximity to Wildlife in the Marine Environment	A	Submission	22-Mar-24	APP-250
9.19	Outline Marine Written Scheme of Investigation for archaeology	A	Submission	22-Mar-24	APP-251
9.2	Outline Navigation and Installation Plan	A	Submission	22-Mar-24	APP-252
9.21	Code of Construction Practice	A	Submission	22-Mar-24	APP-253
9.22	Outline Landscape and Ecological Management Plan	B	Section 51 advice response	26-Apr-24	AS-006
9.22.1	Arboricultural Report	A	Submission	22-Mar-24	APP-255
9.23	Outline Onshore Written Scheme of Investigation for archaeology	A	Submission	22-Mar-24	APP-256
9.24	Outline Construction Traffic Management Plan	A	Submission	22-Mar-24	APP-257
9.25	Outline Public Access Management Plan	A	Submission	22-Mar-24	APP-258
9.26	Outline Workforce Travel Plan	A	Submission	22-Mar-24	APP-259
9.27	Outline Employment and Skills Strategy	A	Submission	22-Mar-24	APP-260
9.28	Outline Landfall Methodology	A	Submission	22-Mar-24	APP-261
9.29	Offshore Connection Scenario	A	Submission	22-Mar-24	APP-262
9.3	Coordination document	A	Submission	22-Mar-24	APP-263
9.31	Schedule of Mitigation - Routemap	A	Submission	22-Mar-24	APP-264
9.32	Offshore In Principle Monitoring Plan	A	Submission	22-Mar-24	APP-265

9.33	Approach to Statements of Common Ground	A	Submission	22-Mar-24	APP-266
10. Examination documents					
-	Letter to the Examining Authority	-	Procedural Deadline A	6-Aug-24	PD1-001
-	Letter to the Examining Authority	-	Procedural Deadline C	28-Aug-24	PD3-001
-	Letter to the Examining Authority	-	Procedural Deadline D	9-Sep-24	TBA
10.1	Further species surveys - timetable and reporting schedule	A	Procedural Deadline A	6-Aug-24	PD1-002
10.2	Land Rights Trackers	A	Procedural Deadline C	28-Aug-24	PD3-002
10.2.1	Draft land rights tracker template	A	Procedural Deadline A	6-Aug-24	PD1-003
10.2.2	Commentary on land rights tracker template	A	Procedural Deadline A	6-Aug-24	PD1-004
10.3	Statements of Common Ground - Position Statement	A	Procedural Deadline B	13-Aug-24	PD2-001
10.4	Applicant's response to Relevant Representations	A	Procedural Deadline D	9-Sep-24	TBA
10.5	Five Estuaries and Natural England Survey Discussion Summary	A	Procedural Deadline D	9-Sep-24	TBA
10.6	Independent Review of OCSS Qualifying Coordinated Project: OCSS 01 North Falls, Five Estuaries & Sea Link	A	Procedural Deadline D	9-Sep-24	TBA
10.7	Notification of Intention to Submit Change Request	A	Procedural Deadline D	9-Sep-24	TBA
10.8.1	SLVIA Wireframe Figures 10.47 - 10.53	A	Procedural Deadline D	9-Sep-24	TBA
10.8.2	SLVIA Wireframe Figures 10.54 - 10.60	A	Procedural Deadline D	9-Sep-24	TBA

10.8.3	SLVIA Wireframe Figures 10.61 - 10.67	A	Procedural Deadline D	9-Sep-24	TBA
10.9	Historic Environment Desk-Based Assessment - Appendix 4: APS Report	A	Procedural Deadline D	9-Sep-24	TBA

APPENDIX 2: GLOSSARY

Table 2: Glossary of common terms used in application documents

Term	Definition
400 kV connection	400 kV cable connection between the proposed VE substation (OnSS) and the grid connection point
Array boundary	Extent of the area where offshore wind turbines would be located
Array cables	Cables which connect the wind turbines to each other and to the offshore substation(s)
Cable Burial Risk Assessment (CBRA)	Risk assessment to determine suitable burial depths for cables, based upon hazards such as anchor strike, fishing gear interaction and seabed mobility. The CBRA is provided in Volume 9, Report 9: Outline Cable Burial Risk Assessment
Decommissioning	The period during which a development and its associated processes are removed from active operation.
Design Envelope	A description of the range of possible elements that make up the Five Estuaries design options under consideration, as set out in detail in the project description. This envelope is used to define Five Estuaries for Environmental Impact Assessment (EIA) purposes when the exact engineering parameters are not yet known. This is also often referred to as the “Rochdale Envelope” approach.
Development Consent Order	An order made under the Planning Act 2008 granting development consent for a Nationally Significant Infrastructure Project (NSIP) which would be approved by the relevant Secretary of State (SoS).
Environmental Impact Assessment	A statutory process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information, which fulfils the assessment requirements of the EIA Directive and EIA Regulations, including the publication of an Environmental Statement.
Environmental Statement	Environmental Statement (the documents that collate the processes and results of the EIA).
Export cable corridor (ECC)	The specific corridor of seabed (seaward of Mean High Water Springs (MHWS)) and land (landward of MHWS) from the Five Estuaries array area to the proposed substation areas, within which the export cables will be located.
Export Cables	Cables that transfer power from the offshore substation(s) or the converter station(s) to shore.
Grid Connection Point	The point at which the Onshore ECC connects to the National Grid.
Horizontal Direction Drill (HDD)	A trenchless crossing engineering technique using a drill steered underground without the requirement for open trenches.
Interconnector cables	Cables that may be required to interconnect the offshore substations in order to provide redundancy in the case of cable failure

	elsewhere, or to connect to the offshore accommodation platforms in order to provide power for operation.
Jointing Pit	An underground structure where sections of onshore cable are joined within cable ducts.
Landfall	The landfall denotes the location where the offshore export cables are brought ashore and jointed to the onshore cable circuits in TJBs.
Landfall Zone	Area considered for offshore cables coming ashore to be joined to the onshore cables
Maximum Design Scenario (MDS)	The maximum design parameters of the combined project assets that result in the greatest potential for change in relation to each impact assessed.
Mitigation	Mitigation measures, or commitments, are commitments made by the project to reduce and/or eliminate the potential for significant effects to arise as a result of the project.
Offshore substation	One or more offshore substations to convert the power to higher voltages and/or to HVDC and transmit this power to shore.
Onshore ECC	The Onshore ECC is the working area for the onshore cable construction.
OnSS	Where the power supplied from the wind farm is adjusted (including voltage, power quality and power factor as required) to meet the UK System-Operator Transmission-Owner Code for supply to the National Grid substation.
OnSS access zone	The area which will contain the final OnSS access route north of Ardleigh Road (both construction and operational).
OnSS construction zone	The area in which the final OnSS temporary construction compound (TCC) footprint will be located.
OnSS zone	The area in which the final operational OnSS footprint will be located.
Order Limits	The extent of development including all works, access routes, Temporary Construction Compounds (TCCs) and visibility splays.
Planning Inspectorate (PINS)	The agency responsible for operating the planning process for Nationally Significant Infrastructure Projects (NSIPs).
Pre-lay plough	Offshore cable laying construction equipment
Preliminary Environmental Information Report (PEIR)	The written output of the Environmental Impact Assessment undertaken for a proposed development. It is developed to support formal consultation and presents the preliminary findings of the assessment to allow an informed view to be developed of a proposed development, the assessment approach that has been undertaken, and the preliminary conclusions on the likely significant effects of a proposed development and environmental measures proposed.
Route section	A defined section of the onshore project.
Safety Zones	Legislated under the Energy Act 2004, safety zones are rolling buffer areas which protect construction activities by preventing unauthorised vessels from entering their boundary.
Scoping Opinion	A Scoping Opinion is adopted by the Secretary of State for a proposed development.

Scoping Report	A report that presents the findings of an initial stage in the Environmental Impact Assessment process.
Scour and Cable Protection	In order to prevent seabed scour around foundation structures and cables, cable protection may be placed on the seabed to protect from current and wave action.
Secretary of State	The authority who makes the decision to grant development consent.
Side Scan Sonar (SSS)	Side-imaging sonar used to create an image of the seafloor.
Single-beam and multi-beam echo sounders (SBES and MBES)	A type of sonar which transmits soundwaves, using the time taken between emission and return to establish a depth. This can be done using singular or multiple beams.
Subtidal	The region of shallow waters which are below the level of low tide.
The Applicant	The company Five Estuaries Offshore Wind Farm Ltd.
Transition Joint Bay	Transition Joint Bay is an underground concrete unit where the offshore cable is jointed to the onshore cable.
Trenchless crossing technique	In most instances where a crossing constraint is encountered a trenchless crossing technique, such as HDD (or another trenchless crossing techniques) will be used.
Wind turbine foundation	The wind turbines are attached to the seabed with a foundation structure typically fabricated from steel or concrete.
Wind Turbine Generator	All of the components of a wind turbine, including the tower, nacelle, and rotor.

Table 3: List of common acronyms used in application documents

Term	Definition
AEZ	Archaeological Exclusion Zones
AIL	Abnormal Indivisible Load
AIS	Automatic Identification System
AIS	Air Insulated Switchgear
AoNB	Area of Outstanding Natural Beauty
Array areas	The area where the WTGs will be located.
ASNW	Ancient and semi-natural woodlands
BEIS	Department for Business, Energy and Industrial Strategy
BNG	Biodiversity Net Gain
CAA	Civil Aviation Authority
CBRA	Cable Burial Risk Assessment
CBS	Cement Bound Sand
CEA	Cumulative Effects Assessment
Cefas	Centre for Environment, Fisheries and Aquaculture Science
CfD	Contract for Difference
CIEEM	Chartered Institute of Ecology and Environmental Management
CoCP	Code of Construction Practice
CoSHH	Control of substances hazardous to health
CPS	Cable Protection Systems

CTMP	Construction Traffic Management Plan
CTVs	Crew Transfer Vessels
DCO	Development Consent Order
dDCO	draft Development Consent Order
DESNZ	Department for Energy Security and Net Zero
DOB	Depth of burial
DOE	Depth of Excavation
DP	Dynamic Positioning
EA	Environment Agency
EACN	East Anglia Connection Node (substation)
ECC	Essex County Council
ECC	Export Cable Corridor
EEA	European Economic Area
EIA	Environmental Impact Assessment
EMF	Electromagnetic Field
ES	Environmental Statement
ESC	East Suffolk Council
ETG	Expert Topic Group
FRA	Flood Risk Assessment
GBS	Gravity Based Structure
GIS	Gas Insulated Switchgear
HAT	Highest Astronomical Tide
HDD	Horizontal Directional Drilling
HDPE	High Density Polyethylene
HGV	Heavy Goods Vehicle
HHA	Harwich Haven Authority
HRA	Habitats Regulation Assessment
HSC	Historic Seascape Character
HSE	Health and Safety Executive
HVAC	High Voltage Alternating Current
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment
IPS	Intermediate Peripheral Structure
JUVs	Jack-up vessels
LAT	Lowest Astronomical Tide
LBBG	Lesser Blacked-Backed Gull
LEMP	Landscape and Ecology Management Plan
LGV	Light Goods Vehicles
LLFA	Lead Local Flood Authority
LSE	Likely Significant Effect
LVIA	Landscape and Visual Impact Assessment
MAP	Main Access Platform
MCA	Maritime and Coastguard Agency
MCAA	Marine and Coastal Access Act 2009
MDS	Maximum Design Scenario
MFE	Mass flow excavator

MHWS	Mean High Water Spring
MLWS	Mean Low Water Spring
MMMP	Marine Mammal Mitigation Protocol
MMO	Marine Management Organisation
MOT	Ministry of Transport
MSL	Mean Sea Level
MW	megawatts
NE	Natural England
NF	North Falls Offshore Wind Farm
NFFO	National Federation of Fishermen's Organisations
NG	National Grid
NGET	National Grid Electricity Transmission
NH	National Highways
North Falls	North Falls Offshore Wind Farm
NPS	National Policy Statement
NR	Network Rail
NRA	Navigation Risk Assessment
NSIP	Nationally Significant Infrastructure Project
NtMs	Notices to Mariners
O&M	Operations and Maintenance
OCSS	Offshore Coordination Support Scheme
OLEMP	Outline Landscape and Ecological Management Plan
OnSS	Onshore Substation
OSP	Offshore Substation Platform
OSPs	Offshore Substation Platforms
OTNR	Offshore Transmission Network Review
OWF	Offshore Wind Farm
PAMP	Public Access Management Plan
PD	Project Description
PEIR	Preliminary Environmental Information Report
PEIR	Preliminary Environmental Information Report
PIL	Persons with an interest in the land
PINS	The Planning Inspectorate
PLA	Port of Lond Authority
PLGR	Pre-Lay Grapnel Run
PRoW	Public Rights of Way
PVMs	Permanent vessel moorings
RIAA	Report to Inform Appropriate Assessment
RLB	Red Line Boundary
SAC	Special Areas of Conservation
SAR	Search and Rescue
SCADA	Supervisory Control and Data Acquisition
SCC	Suffolk County Council
SCHAONB	Suffolk Coast & Heaths Area of Outstanding Natural Beauty
SLVIA	Seascape, Landscape and Visual Impact Assessment
SMA	Stone Mastic Asphalt

SoCC	Statement of Community Consultation
SoS	Secretary of State
SOVs	Service Operation Vessels
SPA	Special Protection Area
SPS	Significant Peripheral Structure
SSSI	Site of Special Scientific Interest
SuDS	Sustainable drainage system
TCC	Temporary Construction Compound
TDC	Tendring District Council
THLS	Trinity House Lighthouse Service
TJB	Transition Joint Bay
TJBs	Transition Joint Bays
TP	Transition Piece
UTROV	Utility Remotely Operated Vehicle
UXO	Unexploded Ordnance
VE	Five Estuaries (Offshore Wind Farm)
VE OWFL	Five Estuaries Offshore Wind Farm Limited
VTS	Vessel Traffic Services
WSI	Written Scheme of Investigation
WTG	Wind Turbine Generators
WTP	Workforce Travel Plan
ZOI	Zone of Influence
ZTV	Zone of Theoretical Visibility

The logo for Five Estuaries Offshore Wind Farm. The word "FIVE" is written in a large, sans-serif font. The letter "I" is grey, "V" is purple, and "E" is pink. To the right of "FIVE" are three wavy lines representing water, colored blue, green, and yellow from top to bottom. Below "FIVE" is the word "ESTUARIES" in a large, grey, sans-serif font. At the bottom of the logo is the text "OFFSHORE WIND FARM" in a smaller, grey, sans-serif font.

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