

MONA OFFSHORE WIND PROJECT

Guide to the NRW Marine Licence Application

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Image of an offshore wind farm

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Acronyms

Acronym	Description
DCO	Development Consent Order
LAT	Lowest Astronomical Tide
MHW	Mean High Water
MLA	Marine Licence Application
NRW-MLT	Natural Resources Wales Marine Licensing Team
OSP	Offshore Substation Platform

1 Guide to the application

1.1 Introduction

1.1.1.1 This guide to the Marine Licence Application summarises the structure of the application for a Marine Licence for the transmission assets for the Mona Offshore Wind Project to the Natural Resources Wales Marine Licensing Team (NRW-MLT). It also provides an outline of the 'categories' of documents that will be submitted as part of the application.

1.1.1.2 For ease of reference the document categories align with the document category system used for the application for a Development Consent Order (DCO) for the Mona Offshore Wind Project.

1.2 Design parameters

1.2.1.1 The key parameters of the transmission assets for which the NRW marine licence are sought are set out in Table 1.1.

Table 1.1: Design parameters.

Parameter	Value
Maximum number of Offshore Substation Platforms (OSPs)	4
Height of OSPs when measured from Lowest Astronomical Tide (excluding towers, helipads, masts, lightning protection and cranes) (LAT) (m)	70
Length of OSPs (m)	80
Width of OSPs (m)	60
Maximum total seabed footprint area for OSP foundations (including scour protection) (m ²)	24,964
Maximum diameter of pin piles for OSPs on jacket pin pile foundations (m)	5.5
Maximum diameter of gravity base foundations at the seabed for OSPs (m)	80
Maximum diameter of suction buckets for OSPs (m)	18
Maximum total length of offshore export cables (km)	360
Maximum number of interconnector cables	3
Maximum total length of interconnector cables (km)	50

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1.3 Document categories

1.3.1.1 The Applicant has provided the relevant documents to support the transmission assets Marine Licence application. For completeness however, the list of all documents submitted as part of the Mona Offshore Wind Project DCO application are included below, and the document titles are colour coded according to their status:

Required for Marine Licence Application
Provided for Context
Not required or relevant for Marine Licence application

1.3.1.2 Only those documents that are considered to be specifically relevant to impacts likely to be experienced in the area seaward of Mean High Water (MHW) (the marine licensable area) are required for the Application.

1.3.1.3 There are seven categories of documents submitted within the Mona Offshore Wind DCO Application, as set out below. These follow, wherever possible, the structure described in Appendix 1 of Planning Inspectorate Advice Note 6: Preparation and submission of application documents (version 11), 2017. These categories are outlined as follows:

- Category A: Application information
- Category B: Plans and Drawings
- Category C: Draft Development Consent Order
- Category D: Land
- Category E: Reports
- Category F: Environmental Statement
- Category J: Other documents.

1.3.1.4 These categories are also used in respect of the Marine Licence application documents. Table 1.2 identifies the principal content within each category.

Table 1.2: Principal content of each category of document submitted with the DCO application.

Category	Details
A: Application Information	Provides details of the specific application information required by the Planning Inspectorate.
B: Plans and Drawings	Contains the various plans which show the location of the Mona Offshore Wind Project, the proposed works or are related to other powers sought in the DCO.
C: Draft Development Consent Order	This includes the draft consent containing the legal powers sought by the Applicant for the Mona Offshore Wind Project and included the deemed marine licence for the generation assets.
D: Land	This category includes the land plans required to be submitted for the Mona Offshore Wind Project.

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Category	Details
E: Reports	This category contains the documents required to be submitted with the application for consent, including the consultation report.
F: Environmental Statement	Outlines how the Applicant has assessed the potential impact of the Mona Offshore Wind Project and whether there are predicted to be significant effects.
J: Additional Application documents	This category includes any additional information submitted with the application for consent, including outline and in principle plans.

1.4 Master document list

1.4.1.1 The master document list table set out in the following pages provides a full list of all the documents submitted with the DCO application, indicating either the latest revision (if applicable) or when a new document was submitted. As new documents are provided through the DCO examination phase, this document will be periodically updated and re-submitted, with NRW notified of updates to the approach.

Table 1.3 identifies the associated electronic files for the documents produced for submission of the DCO application, outlining the category, document reference, title, submission date and version of the document. It also applies the colour coding set out in paragraph 1.3.1.1 to indicate which documents are relevant to the Application.

Table 1.3: Master document list, including whether a document will be included in the Marine Licence Application (MLA).

Master Document List – submissions made to the NRW-MLT				
Reference	Document	Submission	Version	For MLA?
A: Application Information – DCO and Marine Licence				
A1	DCO Application Letter	February 2024	F01	Orange
A2	Draft Section 55 Checklist	February 2024	F01	
A3	Application Form	February 2024	F01	
A4	Copies of Section 48 Newspaper Notices	February 2024	F01	
A5	Application Guide	April 2024	F01	
A6	Response to Section 51 Advice	April 2024	F01	
A1	NRW Marine Licence Application Form	May 2024	F02	Blue
A2	Guide to NRW Marine Licence	May 2024	F02	
A3	NRW Marine Licence Application Letter	April 2024	F01	
A4	NRW Marine Licence Plan	April 2024	F01	
A5	Mona Disposal Sites Coordinates	May 2024	F01	
A5.1	Mona Array Area Disposal Sites ZIP	May 2024	F01	
A5.2	Mona Offshore Cable Corridor Disposal Site ZIP	May 2024	F01	

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Master Document List – submissions made to the NRW-MLT

A6	Mona Marine Licence Area Coordinates	May 2024	F01	
A6.1	Mona Marine Licence Area ZIP	May 2024	F01	
A7.1	A7.1_Mona_Sediment Sampling Results-2021(1)	May 2024	F01	
A7.2	A7.2_Mona_Sediment Sampling Results-2021(2)	May 2024	F01	
A7.3	A7.3_Mona_Sediment Sampling Results-2022(1)	May 2024	F01	
A7.4	A7.4_Mona_Sediment Sampling Results-2022(2)	May 2024	F01	

B: Plans and Drawings

B1	Location Plans	February 2024	F01	
B2	Offshore Order Limits and Grid Coordinates Plan	February 2024	F01	
B3	Works Plans – Onshore	April 2024	F02	
B4	Works Plans – Offshore and Intertidal	April 2024	F02	
B5	Land Plan (Onshore)	April 2024	F02	
B6	Crown Land Plan (Onshore)	April 2024	F02	
B7	Special Category Land Plan	April 2024	F02	
B8	Indicative Extent of Marine Licences	February 2024	F01	
B9	Indicative Extent of Consents – Cross Section	February 2024	F01	
B10	Offshore Statutory and Non-Statutory Nature Conservation Sites	February 2024	F01	
B11	Onshore Statutory and Non-Statutory Nature Conservation Sites	February 2024	F01	
B12	Offshore Historic Environment Plan	February 2024	F01	
B13	Onshore Historic and Scheduled Monument Sites Plan	February 2024	F01	
B14	Tree and Hedgerow Plan	February 2024	F01	
B15	Access to Works and Street Works Access Plan - Onshore	April 2024	F02	
B16	Temporary Stopping up of Public Rights of Way Plan	April 2024	F02	
B17	Water Bodies in a River Basin Management Plan	February 2024	F01	

C: Draft Development Consent Order

C1	Draft Development Consent Order	April 2024	F02	
C2	Draft Development Consent Order Validation Report	April 2024	F01	
C3	Explanatory Memorandum	April 2024	F02	

D: Land

D1	Funding Statement	February 2024	F01	
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Master Document List – submissions made to the NRW-MLT

D2	Funding Statement Annexes	February 2024	F01	
D3	Statement of Reasons	February 2024	F01	
D4	Book of Reference	April 2024	F02	

E: Reports and Plans

E1.1	HRA Stage 2 ISAA Part 1 – Introduction and background	February 2024	F01	
E1.2	HRA Stage 2 ISAA Part 2 – SAC assessments	February 2024	F01	
E1.3	HRA Stage 2 ISAA Part 3 – SPA assessments	February 2024	F01	
E1.4	HRA Stage 1 Screening Report	February 2024	F01	
E1.5	HRA Integrity Matrices	February 2024	F01	
E2	Marine Conservation Zone Screening Report	February 2024	F01	
E3	Consultation Report	February 2024	F01	
E3.1	Consultation Report - Appendices	February 2024	F01	
E4	Technical Engagement Plan	February 2024	F01	
E4.1	Technical Engagement Plan Appendices Part 1 (A to E)	February 2024	F01	
E4.2	Technical Engagement Plan Appendices Part 2 (F to M)	February 2024	F01	
E4.3	Technical Engagement Plan Appendices Part 3 (N to S)	February 2024	F01	
E5	Community and Linguistic Impact Assessment	February 2024	F01	

F: Environmental Statement

F1	Non-Technical Summary	February 2024	F01	
Environmental Statement – Volume 1 – Introductory Chapters				
F1.1	Introduction and Overarching Glossary	February 2024	F01	
F1.2	Policy and Legislative Context	February 2024	F01	
F1.3	Project Description	February 2024	F01	
F1.4	Site Selection and Consideration of Alternatives	April 2024	F02	
F1.5	Environmental Impact Assessment Methodology	February 2024	F01	
Environmental Statement – Volume 2 – Offshore Chapters				
F2.1	Physical Processes	February 2024	F01	
F2.2	Benthic Subtidal and Intertidal Ecology	February 2024	F01	
F2.3	Fish and Shellfish Ecology	February 2024	F01	
F2.4	Marine Mammals	February 2024	F01	

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F2.5	Offshore Ornithology	February 2024	F01	
F2.6	Commercial Fisheries	February 2024	F01	
F2.7	Shipping and Navigation	February 2024	F01	
F2.8	Seascape and Visual Resources	February 2024	F01	
F2.9	Marine Archaeology	February 2024	F01	
F2.10	Other Sea Users	February 2024	F01	
F2.11	Inter-related Effects - Offshore	February 2024	F01	
Environmental Statement – Volume 3 – Onshore Chapters				
F3.1	Geology, Hydrogeology and Ground Conditions	February 2024	F01	
F3.2	Hydrology and Flood Risk	February 2024	F01	
F3.3	Onshore Ecology	February 2024	F01	
F3.4	Onshore and Intertidal Ornithology	February 2024	F01	
F3.5	Historic Environment	February 2024	F01	
F3.6	Landscape and Visual Resources	February 2024	F01	
F3.7	Land Use and Recreation	February 2024	F01	
F3.8	Traffic and Transport	February 2024	F01	
F3.9	Noise and Vibration	February 2024	F01	
F3.10	Air Quality	February 2024	F01	
F3.11	Inter-related Effects - Onshore	February 2024	F01	
Environmental Statement – Volume 4 – Offshore and Onshore Combined Chapters				
F4.1	Aviation and Radar	February 2024	F01	
F4.2	Climate Change	February 2024	F01	
F4.3	Socio-economics	February 2024	F01	
F4.4	Human Health Assessment	February 2024	F01	
Environmental Statement – Volume 5 – Introductory Annexes				
F5.3.1	Underwater Sound Technical Report	February 2024	F01	
F5.3.2	Sulphur Hexafluoride Report	February 2024	F01	
F5.4.1	Site Selection Area of Search Identification	February 2024	F01	
F5.4.2	Site Selection BRAG Report	February 2024	F01	
F5.4.3	Onshore Crossing Schedule	February 2024	F01	
F5.5.1	Cumulative Effects Screening Matrix	February 2024	F01	

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F5.5.2	Transboundary Impacts Screening	February 2024	F01	
Environmental Statement – Volume 6 – Offshore Annexes				
F6.1.1	Physical Processes Technical Report	February 2024	F01	
F6.2.1	Benthic Subtidal and Intertidal Ecology Technical Report	February 2024	FO2	
F6.2.2	Water Framework Directive Coastal Waters Assessment	February 2024	F01	
F6.3.1	Fish and Shellfish Ecology Technical Report	February 2024	F01	
F6.4.1	Marine Mammals Technical Report	February 2024	F01	
F6.5.1	Offshore Ornithology Baseline Characterisation	February 2024	F01	
F6.5.2	Offshore Ornithology Displacement Technical Report	February 2024	F01	
F6.5.3	Offshore Ornithology CRM Technical Report	February 2024	F01	
F6.5.4	Offshore Ornithology Migratory Bird CRM Technical Report	February 2024	F01	
F6.5.5	Offshore Ornithology Apportioning Technical Report	February 2024	F01	
F6.5.6	Offshore Ornithology PVA Technical Report	February 2024	F01	
F6.6.1	Commercial Fisheries Technical Report	February 2024	F01	
F6.7.1	Navigational Risk Assessment	February 2024	F01	
F6.8.1	Seascape and Visual Resources Legislation and Planning Policy Context	February 2024	F01	
F6.8.2	Seascape and Landscape Character Baseline Technical Report	February 2024	F01	
F6.8.3	Visual Baseline Technical Report - Offshore Development	February 2024	F01	
F6.8.4	Seascape, Landscape and Visual Resources Impact Assessment Methodology	February 2024	F01	
F6.8.5	International and Nationally Designated Landscape Study - Offshore Development	February 2024	F01	
F6.8.6	Seascape Visualisations	February 2024	F01	
F6.9.1	Marine Archaeology Technical Report	February 2024	F01	
F6.10.1	Radar Early Warning Technical Report	February 2024	F01	
Environmental Statement – Volume 7 – Onshore Annexes				
F7.1.1	Aquifers, Groundwater Abstractions and Ground Conditions	February 2024	F01	
F7.1.2	Groundwater Sources of Supply – Hydrogeological Risk Assessment	February 2024	F01	
F7.2.1	Flood Consequences Assessment	February 2024	F01	

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F7.2.2	Surface Watercourses and NRW Flood Zones	February 2024	F01	
F7.2.3	Surface Water Abstraction Licences, Discharge Consents and Pollution Incidents	February 2024	F01	
F7.2.4	Water Framework Directive Surface Water and Groundwater Assessment	February 2024	F01	
F7.3.1	Onshore Ecology Desk Study	February 2024	F01	
F7.3.2	Extended Phase 1 Habitat Survey Technical Report	February 2024	F01	
F7.3.3	Great Crested Newt Survey	February 2024	F01	
F7.3.4	Hedgerow Survey	February 2024	F01	
F7.3.5	Terrestrial Invertebrates Survey	February 2024	F01	
F7.3.6	Aquatic Invertebrates (inc White Clawed Crayfish) Survey	February 2024	F01	
F7.3.7	Reptile Survey	February 2024	F01	
F7.3.8	Water Vole Survey	February 2024	F01	
F7.3.9	Bat Roost Survey	February 2024	F01	
F7.3.10	Bat Activity Survey	February 2024	F01	
F7.3.11	Otter Survey	February 2024	F01	
F7.3.12	Badger Survey	February 2024	F01	
F7.3.13	Hazel Dormouse Survey	February 2024	F01	
F7.3.14	National Vegetation Classification and Invasive Non-Native Species Survey Technical Report	February 2024	F01	
F7.3.15	Fish and Eel Survey	February 2024	F01	
F7.4.1	Onshore Ornithology – Wintering and Migratory Birds	February 2024	F01	
F7.4.2	Intertidal Ornithology – Wintering and Migratory Birds	February 2024	F01	
F7.4.3	Onshore Ornithology – Breeding Birds	February 2024	F01	
F7.5.1	Desk Based Assessment	February 2024	F01	
F7.5.2	Historic Environment Policy and Guidance	February 2024	F01	
F7.5.3	Onshore Geophysical Survey Report (Interim Report)	February 2024	F01	
F7.5.4	Intertidal Survey Report	February 2024	F01	
F7.5.5	Trial Trenching Report	February 2024	F01	
F7.5.6	Settings Assessment (onshore infrastructure)	February 2024	F01	
F7.5.7	Settings Assessment (offshore infrastructure)	February 2024	F01	
F7.6.1	Landscape and Visual Resources Planning Policy Context	February 2024	F01	

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F7.6.2	Landscape and Seascape Character Baseline Technical Report	February 2024	F01	
F7.6.3	Visual Baseline Technical Report – Onshore Development	February 2024	F01	
F7.6.4	Landscape, Seascape and Visual Resources Impact Assessment Methodology	February 2024	F01	
F7.6.5	Landscape Visualisations	February 2024	F01	
F7.6.6	Tree Survey and Arboriculture Impact Assessment	February 2024	F01	
F7.7.1	Published Soil and Agricultural Land Classification Data	February 2024	F01	
F7.7.2	Soil Survey Data	February 2024	F01	
F7.7.3	Published Recreational Resources Plan	February 2024	F01	
F7.8.1	Description of Network Links and Sensitivity	February 2024	F01	
F7.8.2	Base Traffic Flows	February 2024	F01	
F7.8.3	Personal Injury Accident Locations	February 2024	F01	
F7.8.4	Public Transport Networks	February 2024	F01	
F7.8.5	Construction Vehicle Trip Generation Assumptions	February 2024	F01	
F7.8.6	Traffic Flows with Construction Traffic	February 2024	F01	
F7.8.7	Traffic and Transport Figures	February 2024	F01	
F7.9.1	Baseline Noise Survey	February 2024	F01	
F7.9.2	Construction Noise Model Output	February 2024	F01	
F7.9.3	Operation Noise Assessment	February 2024	F01	
Environmental Statement – Volume 8 – Offshore and Onshore Combined Annexes				
F8.1.1	Aviation and Radar Technical Report	February 2024	F01	
F8.2.1	Technical Greenhouse Gas Assessment	February 2024	F01	
F8.2.2	Climate Change Risk Assessment	February 2024	F01	
F8.3.1	Socio-economics Technical Impact Report	February 2024	F01	
J: Other Documents				
J1	Consents and Licences Required Under Other Legislation	February 2024	F01	
J2	Planning Statement	February 2024	F01	
J2.1	National Policy Statement Tracker	February 2024	F01	
J2.2	Welsh National Marine Plan Signposting	February 2024	F01	
J3	Design Principles	February 2024	F01	

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J4	Grid Connection and Cable Detail Statement	February 2024	F01	
J5	Statutory Nuisance Statement	February 2024	F01	
J6	Safety Zone Statement	February 2024	F01	
J7	Biodiversity Benefit and Green Infrastructure Statement	February 2024	F01	
J8	Scoping Opinion	February 2024	F01	
J9	Marine Licence Principles Document	May 2024	F02	
J10	Mitigation and Monitoring Schedule	February 2024	F01	
J11	Relationship of Offshore Plans included within the DCO	February 2024	F01	
J12	Outline Offshore Operations and Maintenance Plan	February 2024	F01	
J13	Outline Fisheries Liaison and Co-existence Plan	February 2024	F01	
J14	Outline Vessel Traffic Management Plan	February 2024	F01	
J15	Offshore In-principle Monitoring Plan	February 2024	F01	
J16	Outline Underwater Sound Management Strategy	February 2024	F01	
J17	Measures to Minimise Disturbance to Marine Mammals and Rafting Birds	February 2024	F01	
J18	Outline Offshore Written Scheme of Investigation and Protocol for Archaeological Discoveries	February 2024	F01	
J19	Mona Array Site Characterisation Report	February 2024	F01	
J20	Mona Offshore Cable Corridor Site Characterisation Report	February 2024	F01	
J21	Outline Marine Mammal Mitigation Protocol	February 2024	F01	
Outline / In-principle Plans (Onshore)				
J22	Outline Landscape and Ecology Management Plan	February 2024	F01	
J23	Outline Onshore and Intertidal Written Scheme of Investigation	February 2024	F01	
J24	Outline Skills and Employment Plan	February 2024	F01	
J25	Relationship of Onshore Plans included within the DCO	February 2024	F01	
J26	Outline Code of Construction Practice	February 2024	F01	
J26.1	Outline Spillage and Emergency Response Plan	February 2024	F01	
J26.2	Outline Dust Management Plan	February 2024	F01	
J26.3	Outline Construction Noise and Vibration Plan	February 2024	F01	
J26.4	Outline Communications Plan	February 2024	F01	
J26.5	Outline Construction Fencing Plan	February 2024	F01	

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J26.6	Outline Construction Surface Water and Drainage Management Plan	February 2024	F01	
J26.7	Outline Flood Management Plan	February 2024	F01	
J26.8	Outline Soil Management Plan	February 2024	F01	
J26.9	Outline Site Waste Management Plan	February 2024	F01	
J26.10	Outline Artificial Light Emissions Plan	February 2024	F01	
J26.11	Outline Biosecurity Protocol	February 2024	F01	
J26.12	Discovery Strategy for Contamination of Land	February 2024	F01	
J26.13	Outline Construction Traffic Management Plan	February 2024	F01	
J26.14	Outline Landfall Construction Method Statement	February 2024	F01	
J26.15	Onshore Construction Method Statement	February 2024	F01	
J26.16	Outline Highways Access Management Plans	February 2024	F01	
J26.17	Outline Public Rights of Way Management Strategy	February 2024	F01	
J26.18	Outline Arboricultural Method Statement	February 2024	F01	
J27	Outline Operational Drainage Management Strategy	February 2024	F01	