

# MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

## Statutory Undertaker Negotiations Progress Tracker



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## Glossary

Term	Meaning
400 kV grid connection cables	Cables that will connect the proposed onshore substations to the existing National Grid Penwortham substation.
400 kV grid connection cable corridor	The corridor within which the 400 kV grid connection cables will be located.
Applicants	Morgan Offshore Wind Limited (Morgan OWL) and Morecambe Offshore Windfarm Ltd (Morecambe OWL).
Biodiversity benefit	<p>An approach to development that leaves biodiversity in a better state than before. Where a development has an impact on biodiversity, developers are encouraged to provide an increase in appropriate natural habitat and ecological features over and above that being affected.</p> <p>For the Transmission Assets, biodiversity benefit will be delivered within identified biodiversity benefit areas within the Onshore Order Limits. Further qualitative benefits to biodiversity are proposed via potential collaboration with stakeholders and local groups, contributing to existing plans and programmes, both within and outside the Order Limits.</p>
Code of Construction Practice	A document detailing the overarching principles of construction, contractor protocols, construction-related environmental management measures, pollution prevention measures, the selection of appropriate construction techniques and monitoring processes.
Commitment	This term is used interchangeably with mitigation and enhancement measures. The purpose of commitments is to avoid, prevent, reduce or, if possible, offset significant adverse environmental effects. Primary and tertiary commitments are taken into account and embedded within the assessment set out in the ES.
Construction Traffic Management Plan	A document detailing the construction traffic routes for heavy goods vehicles and personnel travel, protocols for delivery of Abnormal Indivisible Loads to site, measures for road cleaning and sustainable site travel measures.
Design envelope	A description of the range of possible elements and parameters that make up the Transmission Assets options under consideration, as set out in detail in Volume 1, Chapter 3: Project Description. This envelope is used to define the Transmission Assets for EIA purposes when the exact engineering parameters are not yet known. This is also referred to as the Maximum Design Scenario or Rochdale Envelope approach.
Development Consent Order	An order made under the Planning Act 2008, as amended, granting development consent.
Direct pipe	A cable installation technique which involves the use of a mini (or micro) tunnel boring machine and a hydraulic (or other) thruster rig to directly install a steel pipe between two points.
Environmental Impact Assessment	The process of identifying and assessing the significant effects likely to arise from a project. This requires consideration of the likely changes to the environment, where these arise as a consequence of a project,

Term	Meaning
	through comparison with the existing and projected future baseline conditions.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Evidence Plan Process	A voluntary consultation process with specialist stakeholders to agree the approach to, and information to support, the EIA and Habitats Regulations Assessment processes for certain topics.
Generation Assets	The generation assets associated with the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm include the offshore wind turbines, inter-array cables, offshore substation platforms and platform link (interconnector) cables to connect offshore substations.
Intertidal area	The area between Mean High Water Springs and Mean Low Water Springs.
Intertidal Infrastructure Area	The temporary and permanent areas between MLWS and MHWS.
Landfall	The area in which the offshore export cables make landfall (come on shore) and the transitional area between the offshore cabling and the onshore cabling. This term applies to the entire landfall area at Lytham St. Annes between Mean Low Water Springs and the transition joint bay inclusive of all construction works, including the offshore and onshore cable routes, intertidal working area and landfall compound(s).
Local Authority	A body empowered by law to exercise various statutory functions for a particular area of the United Kingdom. This includes County Councils, District Councils and County Borough Councils.
Local Highway Authority	A body responsible for the public highways in a particular area of England and Wales, as defined in the Highways Act 1980.
Main rivers	The term used to describe a watercourse designated as a Main River under the Water Resources Act 1991 and shown on the Main River Map. These are usually larger rivers or streams and are managed by the Environment Agency.
Marine licence	The Marine and Coastal Access Act 2009 requires a marine licence to be obtained for licensable marine activities. Section 149A of the Planning Act 2008 allows an applicant for to apply for 'deemed marine licences' in English waters as part of the development consent process
Maximum design scenario	The realistic worst case scenario, selected on a topic-specific and impact specific basis, from a range of potential parameters for the Transmission Assets.
Mean High Water Springs	The height of mean high water during spring tides in a year.
Mean Low Water Springs	The height of mean low water during spring tides in a year.
Micro-tunnel / micro-tunnelling	A tunnelling technique involving the use of a hydraulic (or other) jacking rig and a mini (or micro) tunnel boring machine to install a concrete tunnel between two points.
Mitigation measures	This term is used interchangeably with Commitments. The purpose of such measures is to avoid, prevent, reduce or, if possible, offset significant adverse environmental effects.
Morecambe Offshore Windfarm: Generation Assets	The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.

Term	Meaning
Morecambe Offshore Windfarm: Transmission Assets	The offshore export cables, landfall, and onshore infrastructure required to connect the Morecambe Offshore Windfarm to the National Grid.
Morecambe OWL	Morecambe Offshore Windfarm Ltd is a joint venture between Zero-E Offshore Wind S.L.U. (Spain) (a Cobra group company) (Cobra) and Flotation Energy Ltd.
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	<p>The offshore export cables, landfall, and onshore infrastructure for the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds.</p> <p>Also referred to in this report as the Transmission Assets, for ease of reading.</p>
Morgan Offshore Wind Project: Generation Assets	The offshore generation assets and associated activities for the Morgan Offshore Wind Project.
Morgan Offshore Wind Project: Transmission Assets	The offshore export cables, landfall and onshore infrastructure required to connect the Morgan Offshore Wind Project to the National Grid.
Morgan OWL	Morgan Offshore Wind Limited is a joint venture between bp Alternative Energy Investments Ltd. and Energie Baden-Württemberg AG (EnBW).
National Grid Penwortham substation	The existing National Grid substation at Penwortham, Lancashire.
National Policy Statement(s)	The current national policy statements published by the Department for Energy and Net Zero in 2023 and adopted in 2024.
Offshore booster station	A fixed structure located along the offshore export cable route, containing electrical equipment to ensure bulk wind farm capacity can be fully transmitted to the onshore substations.
Offshore substation platform(s)	A fixed structure located within the wind farm sites, containing electrical equipment to aggregate the power from the wind turbine generators and convert it into a more suitable form for export to shore.
Offshore export cables	The cables which would bring electricity from the Generation Assets to the landfall.
Offshore export cable corridor	The corridor within which the offshore export cables will be located.
Offshore Permanent Infrastructure Area	The area within the Transmission Assets Offshore Order Limits (up to MLWS) where the permanent offshore electrical infrastructure (i.e. offshore export cables) will be located.
Offshore Order Limits	See Transmission Assets Order Limits: Offshore (below).
Offshore substation platform(s)	A fixed structure located within the wind farm sites, containing electrical equipment to aggregate the power from the wind turbine generators and convert it into a more suitable form for export to shore.
Onshore export cables	The cables which would bring electricity from the landfall to the onshore substations.
Onshore export cable corridor	The corridor within which the onshore export cables will be located.

Term	Meaning
Onshore Infrastructure Area	The area within the Transmission Assets Order Limits landward of MHWS. Comprising the offshore export cable corridor from MHWS to the transition joint bay, onshore export cable corridor, onshore substations and 400 kV grid connection cable corridor, and associated temporary and permanent infrastructure including temporary and permanent compound areas and accesses. Those parts of the Transmission Assets Order Limits proposed only for ecological mitigation and/or biodiversity benefit are excluded from this area.
Onshore Order Limits	See Transmission Assets Order Limits: Onshore (below).
Onshore substations	The onshore substations will include a substation for the Morgan Offshore Wind Project: Transmission Assets and a substation for the Morecambe Offshore Windfarm: Transmission Assets. These will each comprise a compound containing the electrical components for transforming the power supplied from the generation assets to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid.
Preliminary Environmental Information Report	A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project, and which helps to inform consultation responses.
Renewable energy	Energy from a source that is not depleted when used, such as wind or solar power.
Scour protection	Protective materials to avoid sediment being eroded away from the base of the foundations due to the flow of water.
Substation	Part of an electrical transmission and distribution system. Substations transform voltage from high to low, or the reverse by means of electrical transformers.
The Secretary of State for Energy Security and Net Zero	The decision maker with regards to the application for development consent for the Transmission Assets.
Transmission Assets	See Morgan and Morecambe Offshore Wind Farms: Transmission Assets (above).
Transmission Assets Order Limits	The area within which all components of the Transmission Assets will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).
Transmission Assets Order Limits: Offshore	<p>The area within which all components of the Transmission Assets seaward of Mean Low Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning.</p> <p>Also referred to in this report as the Offshore Order Limits, for ease of reading.</p>
Transmission Assets Order Limits: Onshore	<p>The area within which all components of the Transmission Assets landward of Mean High Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).</p> <p>Also referred to in this report as the Onshore Order Limits, for ease of reading.</p>

## Acronyms

Acronym	Meaning
AIS	Air Insulated Switchgear
AOD	Above Ordnance Datum
BCA	Bilateral Grid Connection Agreement
CoCP	Code of Construction Practice
CoT	Project Commitment
CBRA	Cable Burial Risk Assessment
CfD	Contracts for Difference
CMS	Construction Method Statement
CSIP	Cable Specification and Installation Plan
CTMP	Construction Traffic Management Plan
DCO	Development Consent Order
DECC	Department of Energy and Climate Change
Defra	Department for Environment, Food and Rural Affairs
DESNZ	Department for Energy Security & Net Zero
dML	Deemed Marine Licence
EnBW	Energie Baden-Württemberg AG
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
EPP	Evidence Plan Process
ES	Environmental Statement
EWG	Expert Working Group
GIS	Gas Insulated Switchgear
HDD	Horizontal Directional Drilling
HGV	Heavy goods vehicle
HNDR	Holistic Network Design Review
HVAC	High Voltage Alternating Current
IALA	International Association of Marine Aids to Navigation and Lighthouse Authorities
IAQM	Institute of Air Quality Management
LAT	Lowest Astronomical Tide
MCA	Maritime and Coastguard Agency
MCZ	Marine Conservation Zone
MDS	Maximum Design Scenario

Acronym	Meaning
MHWS	Mean High Water Springs
MLWS	Mean Low Water Springs
MMO	Marine Management Organisation
MPS	Marine Policy Statement
MTBM	Mini (or micro) tunnel boring machine
NGESO	National Grid Electricity System Operator
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Project
O&M	Operation and Maintenance
OSP	Offshore Substation Platform
OTNR	Offshore Transmission Network Review
PDE	Project Design Envelope
PEIR	Preliminary Environmental Information Report
PPP	Pollution Prevention Plan
PRoW	Public rights of way
SAC	Special Areas of Conservation
SAR	Search and Rescue
SPA	Special Protection Area
SNCBs	Statutory Nature Conservation Bodies
SSSI	Sit of Special Scientific Interest
SWMP	Site Waste Management Plan
TEP	Technical Engagement Plan
TJB	Transition Joint Bay
UK	United Kingdom
UXO	Unexploded Ordnance
WSI	Written scheme of investigation

## Units

Unit	Description
%	Percentage
dB	Decibels
Kg	Kilogram
kHz	Kilohertz

Unit	Description
KJ	Kilojoules
km	Kilometres
km <sup>2</sup>	Kilometres squared
kV	Kilovolt
m	Metres
m <sup>2</sup>	Metres squared
m <sup>3</sup>	Metres cubed
nm	Nautical mile
μPa	micropascal

# 1 Statutory Undertaker (SU) Negotiations Tracker

## 1.1 Introduction

- 1.1.1.1 This document has been prepared to provide a detailed, focused update of the Applicants' progress on negotiations for protective provisions (and any relevant commercial agreements) with each Statutory Undertaker. Full details concerning the associated land rights remain in the Applicants' Land Rights Tracker (REP1-065).
- 1.1.1.2 This document has been prepared in response to the Examining Authority's request in Q1.1.13 of the Examining Authority's Written Questions 1 (PDA-008) that the Applicants prepare statements of common ground with each statutory undertaker. The Applicants have set out as much detail as possible in the updates below.
- 1.1.1.3 The below statements have been agreed with the statutory undertaker, unless it is stated to be a unilateral statement. The Applicants have sought to provide joint statements wherever possible.

**Table 1: Status Key (Applicable for One or More of the Following Points)**

Status Key	Definition
	<ul style="list-style-type: none"> <li>Representation made and bespoke Protective Provisions agreed</li> </ul>
	<ul style="list-style-type: none"> <li>Representation including holding objection. Bespoke Protective Provisions and / or other agreements under negotiation; and</li> <li>Agreement likely to be reached during examination.</li> </ul>
	<ul style="list-style-type: none"> <li>Representation including holding objection. Bespoke Protective Provisions and / or other agreements under negotiation; and</li> <li>Not likely to reach agreement during examination.</li> </ul>

## 1.2 Current Status of Statutory Undertaker Negotiations

**Table 2: Current Status of Statutory Undertaker Negotiations**

No.	Land Interest	Professional Representation (if applicable)	Summary of Objection	Status of Negotiation	Progress Update (Joint statement between the parties, unless otherwise stated)
1	National Grid Electricity Transmission PLC (NGET)	Addleshaw Goddard	Objection subject to agreement of protective provisions.		<p>Comments on the PPs were shared with the representatives of NGET on 10/04/25. These have been substantively agreed subject to completion of separate confidential side agreements as set out below.</p> <p>The Applicants confirm there has been significant progress on these separate negotiations and are generally aligned with the principles of the interactions. The Applicants and NGET are confident the interactions can be appropriately managed via separate confidential side agreements and these are progressing well.</p> <p>NGET have recently exchanged further comments on Heads of Terms with Morgan and provided a draft confidential side agreement (25 June 2025), on which the parties are substantially aligned, and Addleshaw Goddard are progressing the drafting of the Morgan side agreement.</p> <p>NGET and Morecambe have also begun liaising on a side agreement. Heads of Terms and a draft confidential agreement are expected in due course and will progress in parallel to the Examination.</p> <p>Therefore, significant progress has been made since deadline 1 and the Applicants and National Grid are confident the relevant documentation can be agreed before the close of the examination.</p>
2	SP Manweb PLC (SPEN)	N/A	Objection subject to agreement of protective provisions.		<p>The Applicants and SPEN are pleased to confirm that the PPs are in agreed form. SPEN confirm their objection is removed concerning the Protective Provisions.</p> <p>The Protective Provisions in Schedule 10 of the draft DCO (REP2-004) are the agreed form.</p>

No.	Land Interest	Professional Representation (if applicable)	Summary of Objection	Status of Negotiation	Progress Update (Joint statement between the parties, unless otherwise stated)
3	Environment Agency	N/A	Objection subject to agreement of protective provisions.		The Applicants provided their comments on Environment Agency's preferred drafting on 8 April, with limited points of divergence. Further to this, the Applicants recently provided the EA with updated drafting in light of comments raised at Deadline 2 with regards to the disapplication of Flood Risk Activity Permits (FRAPS). The Applicants are awaiting a response from the EA on these amendments and their initial comments. However, the Applicants and the EA are in regular positive dialogue and the Applicants and EA therefore remain confident that protective provisions can be agreed during examination.
4	Canal and River Trust	N/A	Objection subject to agreement of protective provisions.		The Applicants are pleased to confirm that the protective provisions for the protection of the Canal & River Trust are substantially agreed with limited points remaining. The Applicants shared their latest draft with the Trust on 16 June 2025 and the Trust provided comments on this draft on 23 June 2025. The Applicants and the Trust are in regular positive dialogue and therefore confirm they are confident the protective provisions can be agreed during examination.
5	Lead Local Flood Authority – Lancashire County Council (LLFA)	N/A	Objection subject to agreement of protective provisions.		The Applicants received comments and held a meeting on the protective provisions from the LLFA on 26 June 2025. The Applicants are preparing an updated draft further to these discussions, which concerned aligning the PPs further with sections 23 and 24 of the Land Drainage Act. On this basis, the Applicants confirm they are actively engaging with the LLFA and believe there are limited points of discussion remaining. The Applicants and the LLFA are confident that the protective provisions can be agreed during examination.
6	Network Rail Infrastructure Limited	Eversheds Sutherland	Objection subject to agreement of protective provisions.		Network Rail provided the framework agreement in respect of the Morgan Offshore Wind Farm on 18 June, and the framework agreement in respect of the Morecambe Wind Farm on 26 June. Network Rail provided their standard protective provisions for review on 2 June. The Applicants and Network Rail are engaging positively to ensure protective provisions can be agreed during examination.

No.	Land Interest	Professional Representation (if applicable)	Summary of Objection	Status of Negotiation	Progress Update (Joint statement between the parties, unless otherwise stated)
7	Cadent Gas Limited	Gowling WLG	Objection subject to agreement of protective provisions.		<p>The Applicants are pleased to confirm that the protective provisions for the protection of Cadent Gas Limited that will appear on the face of the DCO are substantially agreed, and the removal of Cadent's current objection is now just subject to the completion of the side agreements. The updated protective provisions are included in the version of the draft DCO provided at Deadline 2 (REP-004 (clean) and REP2-005 (tracked)).</p> <p>Cadent and Morgan can advise that all material terms of a side agreement have now been agreed, and no further negotiations are required.</p> <p>Cadent and Morecambe can advise that all material terms of a side agreement have now been agreed, and no further negotiations are required.</p>
8	National Gas Transmission PLC	Womble Bond Dickinson LLP	Objection subject to agreement of protective provisions.		<p>The Applicants are pleased to confirm that the protective provisions for the protection of National Gas Transmission plc are substantially agreed by the parties save for one outstanding issue. This point is subject to agreement which the parties are currently negotiating. The Applicants and National Gas Transmission plc are confident that protective provisions can be agreed ahead of the close of examination.</p>
9	Sabic UK Petrochemicals Limited	Womble Bond Dickinson LLP	Objection subject to agreement of protective provisions.		<p>The Applicants are still negotiating protective provisions with Sabic. The Applicants provided their comments on Sabic's preferred set of protective provisions to Sabic on 2 June 2025. Current points of negotiation include indemnity/costs provisions, notification requirements and timescales for approvals. The Applicants are awaiting a response from Sabic.</p> <p>The Applicants and Sabic remain confident that protective provisions can be agreed during examination.</p>
10	United Utilities Water Limited	N/A	Objection subject to agreement of protective provisions.		<p>The Applicants are still negotiating protective provisions with United Utilities Water Limited. The Applicants provided United Utilities with their comments on United Utilities' preferred protective provisions on 24 June 2025. Current points of negotiation include various minor drafting points such as notification</p>

No.	Land Interest	Professional Representation (if applicable)	Summary of Objection	Status of Negotiation	Progress Update (Joint statement between the parties, unless otherwise stated)
					requirements and approval mechanisms. The Applicants are awaiting a response from United Utilities. The Applicants and United Utilities remain confident that protective provisions can be agreed during examination.
11	GTC Pipelines	N/A	Objection subject to agreement of commercial side agreement		The Applicants have been notified of a request by GTC for a minor amend to Part 1 of Schedule 10 of the DCO. The Applicants are in discussions with GTC on the requested amend, which is agreed between the parties.