

MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Environmental Statement

Volume 1, Annex 5.4: Commitments Register Schedule of Changes



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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).
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.
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.
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.
Dust	Solid particles suspended in air or settled out onto a surface after having been suspended in air, as defined by the Institute of Air Quality Management.
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, through comparison with the existing and projected future baseline conditions.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Export cable corridor	The specific corridor of seabed (seaward of Mean High Water Springs and land (landward of Mean High Water Springs) from the Generation Assets to the National Grid Penwortham substation.
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.
Greenhouse gas	A gas that absorbs and emits radiant energy within the thermal infrared range, causing the greenhouse effect. Examples include carbon dioxide and methane.
Horizontal directional drilling	A trenchless technique for installing cables and cable ducts involving drilling in an arc between two points.
Intertidal Infrastructure Area	The temporary and permanent areas between MLWS and MHWS.

Term	Meaning
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 Highway Authority	A body responsible for the public highways in a particular area of England and Wales, as defined in the Highways Act 1980.
Local Planning Authority	The local government body (e.g., Borough Council, District Council, etc.) responsible for determining planning applications within a specific area.
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 Guidance Note	A system of guidance notes issued by the Maritime and Coastguard Agency which provide significant advice relating to the improvement of the safety of shipping and of life at sea, and to prevent or minimise pollution from shipping.
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.
Method Statements	A document that describes how a particular task or action should be undertaken correctly.
Micro-tunnel	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.
Morecambe Offshore Windfarm: Generation Assets	The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.
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 Limited 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	The offshore and onshore infrastructure connecting the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid. 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.
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).

Term	Meaning
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.
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.
Onshore Infrastructure Area	The area within the Transmission Assets Order Limits landward of Mean High Water Springs. Comprising the offshore export cables from Mean High Water Springs to the transition joint bays, onshore export cables, onshore substations and 400 kV grid connection cables , 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/biodiversity benefit are excluded from this area.
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.
Order limits	The limits within which the Transmission Assets may be carried out.
Ordinary Watercourses	Watercourses (such as a river, stream, ditch, cut, sluice, dyke or non-public sewer) that are not designated a Main River under the Water Resources Act (1991). Responsibility for management lies with the Lead Local Flood Authority, or Internal Drainage Board for some watercourses where there is an Internal Drainage District.
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.
Safety zones	An area around a structure or vessel which should be avoided.
Scoping Opinion	Sets out the Planning Inspectorate's response (on behalf of the Secretary of State) to the Scoping Report prepared by the Applicants. The Scoping Opinion contains the range of issues that the Planning Inspectorate, in consultation with statutory stakeholders, has identified should be considered within the Environmental Impact Assessment process.
Special Protection Areas	A site designation specified in the Conservation of Habitats and Species Regulations 2017, classified for rare and vulnerable birds, and for regularly occurring migratory species. Special Protection Areas contribute to the national site network.
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.

Term	Meaning
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

Acronyms

Acronym	Meaning
AEZ	Archaeological Exclusion Zone
CoT	Project Commitment
CAA	Civil Aviation Authority
DEFRA	Department for Environment, Food & Rural Affairs
CBRA	Cable Burial Risk Assessment
CLFO	Company Fisheries Liaison Officer
CSIP	Cable Specificaion Installation Plan
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ECCs	Export Cable Corridors
EMF	Electro-Magnetic Field
FLOWW	Fishing Liaison with Offshore Wind and Wet Renewables Group
HDD	Horizontal directional drilling
HGV	Heavy Goods Vehicle
IEMA	Institute for Environmental Management and Assessment
MCA	Maritime and Coastguard Agency
MCZ	Marine Conservation Zone
MMO	Marine Management Organisation
MMMP	Marine Mammal Mitigation Protocol
PAD	Protocol for Archaeological Discoveries
PEIR	Preliminary Environmental Information Report
RPSS	Route Planning and Site Selection
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
TAEZ	Temporary Archaeological Exclusion Zones

Acronym	Meaning
UKHO	United Kingdom Hydrographic Organisation
WSI	Written Scheme of Investigation

Units

Unit	Description
km	Kilometre
kV	Kilovolt
nm	Nautical mile

1 Commitments Register Schedule of Changes (Deadline 2)

Table 1: Table of amendments of the Commitments Register

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT02	RPSS	The following features will be crossed by trenchless techniques, as set out in the Onshore Crossing Schedule submitted as part of the application for development consent: - A, B and Classified unnumbered roads (known as C roads) (including the Preston Western Distributor Road, A582 South Ribble Western Distributor Upgrade and M55 Heyhouses Link Road; excluding Leech Lane); - All Environment Agency Main Rivers, including: Moss Sluice, east of Midgeland Road along Pegs Lane; Savick Brook, south of A583; Wrea Brook southeast of Cartmell Lane; Dow Brook east of Lower Lane between the A584 and the A583; Middle Pool north of Lund Way; and - All Network Rail crossings, including along the line which runs between Blackpool North and Preston, south of Cartmell Lane; and at the Network Rail crossing along the line which runs to Blackpool North, south east of Squires Gate, parallel to the A584.	Relevant consultees and application documents updated as a result of a consistency review of the Commitments Register.
CoT03	RPSS	A range of sensitive historical, cultural and ecological conservation areas (including statutory and non-statutory designations) have been directly avoided where practicable during the site selection process for Morgan and Morecambe Offshore Wind Farms: Transmission Assets footprint. The Works Plans identify the areas where different works are currently proposed. These include, but are not restricted to: • Listed Buildings • Scheduled Monuments • Registered Parks and Gardens • Onshore Conservation Areas • Onshore National Site Network • Offshore National Site Network • Sites of Special Scientific Interest (Onshore only) • Local Nature Reserves • Local Wildlife sites • Lancashire Wildlife Trust Reserves • Royal Society for the Protection of Birds (RSPB) Reserves • National Trust land; • Ancient Woodland sites and known Tree Preservation Orders (TPOs); & • non-designated built heritage assets. Where possible, unprotected areas of woodland, mature and protected trees (i.e. veteran trees) have and will also be avoided, including the veteran tree located to the north east of National Grid Penwortham substation.	Relevant securing mechanism updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT04	RPSS	An Outline Pollution Prevention Plan (PPP) forms part of the Outline Code of Construction Practice submitted with the application for development consent. Detailed PPP(s) will be developed in accordance with the Outline PPP and includes details of emergency spill procedures. Good practice guidance detailed in the Environment Agency's Pollution Prevention Guidance notes (including Pollution Prevention Guidance notes 01, 05, 08 and 21) will be followed where appropriate, or the latest relevant available guidance.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT05	RPSS	During construction of piled foundations the following guidance will be used: Land Contamination Risk Management (LCRM) (July 2023) and Managing and reducing land contamination: guiding principles (GPLC), or latest relevant available guidance, where appropriate.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT06	RPSS	The construction area associated with onshore export cable corridor will be 100 m working width and the 400kv grid connection cable corridor will be working width 76 m to minimise the construction footprint, except at complex trenchless technique crossings, including, but not limited to: • Network Railway Crossings; • A, B and Classified unnumbered roads (known as C roads), including B5261 (Queensway); • the approach to landfill; • river and water course crossings; and • sensitive utility assets (e.g. high pressure gas pipelines). The widths of both the onshore export cable corridor and 400kv grid connection cable corridor also increases up to 270 m in width, on the access and egress to the onshore substations, to facilitate consideration of trenchless crossings as well as being subject to detailed design. These increased widths and crossing methodologies are set out in the Onshore Crossing Schedule and Works Plans-Onshore and Intertidal.	Relevant consultees, securing mechanism and application documents updated as a result of a consistency review of the Commitments Register
CoT08	RPSS	The construction area associated with onshore export cable corridor will be 100 m working width and the 400kv grid connection cable corridor will be working width 76 m to minimise the construction footprint, except at complex trenchless technique crossings, including, but not limited to: • Network Railway Crossings; • A, B and Classified unnumbered roads (known as C roads), including B5261 (Queensway); • the approach to landfill; • river and water course crossings; and • sensitive utility assets (e.g. high pressure gas pipelines). The widths of both the onshore export cable corridor and 400kv grid connection cable corridor also increases up to 270 m in width, on the access and egress to the onshore substations, to facilitate consideration of trenchless crossings as well as being subject to detailed design. These increased widths and crossing methodologies are set out in the Onshore Crossing Schedule and Works Plans-Onshore and Intertidal.	Commitment secured updated to be Requirement 16 and relevant consultees updated as part of consistency review of the Commitments Register..
CoT09	RPSS	The Outline Code of Construction Practice (CoCP) has been submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the outline CoCP. The Outline CoCP includes information about drainage during construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT10	RPSS	Where trenchless techniques are proposed for Environment Agency Main Rivers, the following distances will be used: •8 m from the bank of the Environment Agency Main River or landward toe of any associated flood defence structure; •16 m from tidal Environment Agency Main Rivers or the landward toe of any flood defences, where the Main River is a sea defence structure; and •a minimum of 2 m vertical clearance will be maintained below the hard bed of all Environment Agency Main Rivers, including the landward toe of any associated flood defences. Final vertical clearance depths beneath Environment Agency Main Rivers will be identified during detailed design stage, in consultation with the Environment Agency, to ensure the export cables remain buried for the operational lifetime of the project.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT11	RPSS	An Outline Operational Drainage Management Plan for the substation sites has been prepared and submitted with the application for development consent. The Plan will include measures to ensure that existing land drainage is reinstated and/or maintained. This will include measures to limit discharge rates and attenuate flows to maintain greenfield runoff rates at the onshore substations. It will also include measures to control surface water runoff, including measures to prevent flooding of the working areas or offsite and to ensure any runoff is treated appropriately. Detailed Operational Drainage Management Plan(s) will be developed in accordance with the Outline Operational Drainage Management Plan and in line with the latest relevant drainage guidance notes in consultation with the Environment Agency and the Lead Local Flood Authority (Lancashire County Council).	Updated to correct typographical error within the relevant decision maker.
CoT13	RPSS	Where hedgerows and/or trees require removal, this will be undertaken prior to topsoil removal. Sections of hedgerows and trees which are removed will be replaced using like for like hedgerow species.	Relevant securing mechanism updated as a result of a consistency review of the Commitments Register.
CoT14	RPSS	Joint bays will be completely buried, with the land above reinstated. An inspection cover will be provided on the surface for link boxes for access during operation and maintenance phase.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT16	RPSS	All vegetation requiring removal will be undertaken outside of the bird breeding season. If this is not reasonably practicable, the vegetation requiring removal will be subject to a nesting bird check by a suitably qualified ecological clerk of works. If nesting birds are present, the vegetation will not be removed until the young have fledged or the nest failed.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT17	RPSS	Where required, provision will be made for badger access in relevant construction areas, when work is not taking place in order to ensure normal movements as far as reasonably possible. Provision will be made to ensure avoiding the entrapment of any animals within relevant construction areas. Checks will be made prior to the start of any works to ensure no animals are trapped. Appropriate checks will be made as required by the ecological clerk of works.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT19	RPSS	All trenchless crossings will be undertaken by non-impact methods such as HDD (or other trenchless techniques including micro tunnelling and direct pipe), excluding preparatory works, in order to minimise construction noise and vibration beyond the immediate location of works.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT20	RPSS	All temporary working areas for the onshore export cable corridor, 400 kV grid connection cable corridor, temporary compounds, and the onshore substation sites will be clearly marked and secured with	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		appropriate fencing. This will be done in accordance with the Outline Construction Fencing Plan, as part of the Outline CoCP and in accordance with Construction (Design and Management) Regulations 2015 requirements.	
CoT21	RPSS	There will be no permanent High Voltage infrastructure installed above surface within 110 m of residential properties and subsurface infrastructure within 50 m of residential properties from the onshore substations.	Relevant application documents updated as a result of a consistency review of the Commitments Register.
CoT22	RPSS	Prior to the commencement of works, the contractor (or project appointed Land Agent) will undertake a record of condition, (which will accompany previously captured soil condition data, identifying and describing the physical and nutrient characteristics of the existing soil profiles). Such work will inform the reinstatement under CoT08.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT23	RPSS	Temporary access points from the public highway will be installed to facilitate vehicular access into the onshore export cable corridor, 400 kV grid connection cable corridor and Onshore Substations, during construction, in accordance with the indicative outline highway access designs set out within Outline Highways Access Management Plan, prepared and submitted with the application for development consent.	Relevant securing mechanism updated as a result of a consistency review of the Commitments Register.
CoT25	RPSS	Topsoil and subsoil will be stored in separate stockpiles and managed in line with the DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (PB13298), Institute of Quarrying (IQ) Good Practice Guide for Handling Soils in Mineral Workings (IQ, 2021) and British Society of Soil Science (BSSS) Working with Soil Guidance Note on Benefitting from Soil Management in Development and Construction (BSSS, 2022). Any suspected or confirmed contaminated soils will be appropriately separated, contained and tested before removal (if required). This will be done in accordance with the Outline Soil Management Plan, as part of the Outline CoCP, prepared and submitted with the application for development consent.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT26	RPSS	Detailed Site Waste Management Plan(s) (SWMPs) will be developed in accordance with the Outline Site Waste Management Plan and Outline CoCP prepared and submitted with the application for development consent, and in consideration of the latest relevant available guidance.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT27	RPSS	All temporary compounds will be removed and sites will be reinstated when construction has been completed.	Relevant consultees and securing mechanisms updated as a result of a consistency review of the Commitments Register.[W]
CoT28	RPSS	Construction site lighting will only operate when required and will be positioned and directed to avoid unnecessary illumination to residential properties, sensitive ecological receptors and footpath users, and minimise glare to users of adjoining public highways. Construction site lighting will be designed in accordance with latest relevant available guidance and legislation and the details of the location, height, design and luminance of lighting to be used will be detailed within the Outline Construction Artificial Light Emissions Management Plan, as part of the Outline CoCP. The design of construction site lighting will accord with the details provided in the Outline Code of Construction Practice (CoT35) and Outline Ecological Management Plan (CoT76).	Relevant consultees and securing mechanisms updated as a result of a consistency review of the Commitments Register.[W]

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT29	RPSS	Appropriate Personal Protective Equipment will be used and relevant good working practices applied to avoid potential risk to human health including from any potential ground contamination, in line with relevant available guidance.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT31	RPSS	Ponds identified during the route planning and site selection process have been avoided where possible. During construction any newly identified ponds will be avoided through micro-siting of the onshore export cable corridor and 400 kV grid connection cable corridor where reasonably practicable.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT32	RPSS	An Outline Public Rights of Way (PRoW) Management Plan has been prepared as part of the Outline CoCP in order to minimise the disturbance to PRoWs, where practicable. Where practically possible the impact will be temporary and PRoWs will be reinstated as soon as reasonably practicable. An Outline Open Space Management Plan has been appended to the Outline PRoW Management Plan, which includes measures to minimise potential impacts to the users of Lytham St Annes beach and Blackpool Road Recreation Ground. Detailed PRoW Management Plans will include details of temporary and permanent diversions, closures, gated crossings and signage to be provided during construction and details to reinstate all PRoWs potentially affected during construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT33	RPSS	An Outline Dust Management Plan (DMP) has been prepared as part of the Outline CoCP and submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. The measures in the detailed DMP(s) will accord with guidance set out by the Institute of Air Quality guidance Management (IAQM, 2024) where appropriate and practicable, and will include measures for monitoring and reporting dust levels, and dust suppression and mitigation measures during construction and operation.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT34	RPSS	Based on noise modelling results, where construction noise has the potential to cause significant adverse effects, mufflers and acoustic barriers will be used, where practicable, where HDD (or other trenchless techniques) is being undertaken.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT35	RPSS	An Outline Code of Construction Practice (CoCP) has been prepared and submitted with the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. The Outline CoCP includes measures to maintain and address: - flood protection and control measures; - water environment and drainage; - pollution prevention; - geology and ground conditions; - ecology and nature conservation (including protected species and invasive species); - historic environment; - soil management; - traffic and transport; - noise management measures; - air quality and dust management; - landscape and visual; - recreation; and - bentonite breakout.	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT37	RPSS	Vehicle movements associated with operation and planned maintenance of the onshore infrastructure will operate only during the daytime and evening periods (i.e. 07:00 – 19:00 23:00). Vehicle movements may however be subject to unscheduled events outside these hours.	Operation and maintenance hours updated in lines with ISH1_38 in REP1-037.
CoT38	RPSS	An Outline Construction Traffic Management Plan (CTMP) has been prepared and submitted with the application for development consent. CTMP(s) will be developed in accordance with the outline CTMP prior to construction. The detailed CTMP(s) will set out measures to include: 1. managing the numbers and routing of HGVs during the construction phase; 2. managing the movement of construction worker traffic during the construction phase; 3. details of measures to manage the safe passage of HGV traffic via the local highway network; and 4. details of localised road improvements if and where these may be necessary to facilitate safe use of the existing road network; and 5. appointment of a Construction Traffic Management Plan Co-ordinator and Transport Working Group.	Updated to reflect new measures and commitments secured in the oCTMP in response to comments received from highway stakeholders (Blackpool Council, Lancashire County Council and National Highways).
CoT39	RPSS	Fences, walls, ditches and drainage outfalls will be retained at the landfall and along the onshore export cable corridor and 400 kV grid connection cable corridor, where possible. Where it is not reasonably practicable to retain them, any damage will be repaired and reinstated as soon as reasonably practical. The Environment Agency must be notified if damage occurs to any Environment Agency main river or related flood infrastructure.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT41	PEIR	Where the onshore export cable corridor or 400 kV grid connection cable corridor crosses sites of particular sensitivity (e.g. embanked Environment Agency surface watercourses, Sites of Special Scientific Interest or groundwater inner Source Protection Zones) hydrogeological risk assessment(s) will be undertaken to inform a site-specific crossing method statement(s) where required. These will be agreed with the relevant stakeholders prior to construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT42	PEIR	A Greenhouse Gas (GHG) Reduction Strategy has been prepared and submitted with the application for development consent. The GHG Reduction Strategy outlines options to reduce construction-related emissions.	Relevant topics updated as a result of a consistency review.
CoT43	PEIR	The onshore export cables including fibre optics or other communications cables, will be installed within the onshore export cable corridor and 400kV grid connection corridor within cable ducts or other protective covers or sheaths or mini- or micro-tunnels, as opposed to using direct lay installation method.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT44	PEIR	The Project Description (Volume 1, Chapter 3 of the Environmental Statement) sets out that the installation of the offshore export cables under Lytham St Annes SSSI and the St Annes Old Links Golf Course will be undertaken by direct pipe trenchless installation technique. The exit pits associated with the direct pipe installation will be at least 100 m seaward of the western boundary of the SSSI.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT45	PEIR	The Outline Offshore Cable Specification and Installation Plan (CSIP) for the Fylde MCZ includes: details of cable burial depths, cable protection, and cable monitoring. The Outline CSIP also includes an Outline Cable Burial Risk Assessment (CBRA). Detailed CSIP(s) and CBRA(s) will be prepared by the Applicants covering the full extent of their respective offshore export cable corridors. Detailed CSIPs will be developed in accordance with the Outline CSIP and will ensure safe navigation is not compromised	To align with amendment to Condition 18(1)(e)(iii) in Schedules 14 and 15 of the draft DCO.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		including consideration of under keel clearance. No more than 5% reduction in water depth (referenced to Chart Datum) will occur at any point on the offshore export cable corridor route without prior written approval from the licencing authority in consultation with the MCA and Trinity House.	
CoT46	PEIR	Aids to navigation (marking and lighting) will be deployed in accordance with international maritime regulations and the latest relevant available standard industry guidance as advised by Trinity House or and MCA. This will include a buoyed construction area around cable laying operations, cable repairs and during cable maintenance.	Clarified that aids to navigation will be deployed in accordance with relevant available standard industry guidance as advised by Trinity House and MCA. Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT47	PEIR	The Outline Offshore Cable Specification and Installation Plan (CSIP) includes measures to limit the extent of cable protection to 3% of the offshore export cable route within the Fylde (Marine Conservation Zone) MCZ (excluding cable crossings). Within the Fylde MCZ, external cable protection will only be used where deemed to be essential, e.g. for cable crossings or in the instance that adequate burial / reburial is not possible for any section of the route through the Fylde MCZ. The Outline CSIP also includes measures to limit sandwave clearance to up to 5% of the offshore export cable corridor route within the Fylde MCZ. Material arising from sandwave clearance in the Fylde MCZ will be deposited within the Fylde MCZ. The requirements for cable protection and sandwave clearance will be informed through the undertaking of survey works pre-construction. Detailed CSIP(s) will be developed in accordance with the Outline CSIP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT49	PEIR	Construction Method Statement(s) (CMSs) including Offshore Cable Specification and Installation Plan(s), will be produced and implemented prior to construction. These will contain: –details of cable installation and methodology; and –details of foundation installation methodology covering scour protection and the deposition of material arising from drilling, dredging, and/or sandwave clearance.	Updated to remove reference to foundation installation as this is not relevant to the Transmission Assets. Relevant consultees also updated as a result of a consistency review of the Commitments Register.
CoT50	PEIR	Detailed Fisheries Liaison and Coexistence Plan(s) will be developed in accordance with the Outline Fisheries Liaison and Coexistence Plan and will include details for providing advance warning and information on accurate locations for construction and maintenance activities, associated Safety Zones, and advisory passing distances to be given via Notifications to Mariners to ensure navigation safety.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT52	PEIR	Ongoing liaison with the fishing industry through the appointment of a Company Fisheries Liaison Officer(s) (CFLO)(s) and adherence to good practice guidance with regards to fisheries liaison (e.g. Fishing Liaison with Offshore Wind and Wet Renewables Group FLOWW (2014, 2015) guidance).	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT54	PEIR	An Outline Offshore Cable Specification and Installation Plan (CSIP) includes for cable burial to be the preferred option for cable protection, where practicable. Detailed CSIP(s) will be developed in accordance with the Outline CSIP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT57	PEIR	Employment and Skills Plan(s) will be produced prior to construction, in accordance with the Outline Employment and Skills Plan prepared and submitted with the application for development consent.	Relevant decision maker and consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		Detailed Employment and Skills Plan(s) will detail how the Applicants will engage with local workers and training providers for anticipated employment opportunities associated with the Transmission Assets.	
CoT61	PEIR	An Outline Fisheries Coexistence and Liaison and Co-existence Plan will seek to minimise the duration for which the offshore export cable corridors will be closed to vessels during construction, of any temporary restrictions to fishing activity and/or anchoring required in areas where full cable burial to target depth has not yet been achieved and/or surface-laid cable exists, during the construction phase to limit disruption to commercial fishing activities, if and where practicable. Detailed Fisheries Coexistence and Liaison and Co-existence Plan(s) will be developed in accordance with the Outline Plan.	Updated to correct title and clarification added regarding the nature of temporary restrictions which the Applicants will seek to minimise. Relevant consultees also updated as a result of a consistency review of the Commitments Register.
CoT62	PEIR	Outline Fisheries Liaison and Coexistence Plan(s) will be produced to set out the commitments relating to coexistence with the fishing industry and to ensure navigational safety. It will reference the appointment, and responsibilities of, a company fisheries liaison officer (CFLO). Detailed Fisheries Liaison and Coexistence Plan(s) will accord with the Outline Fisheries Liaison and Coexistence Plan(s).	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT64	PEIR	Detailed Marine Mammal Mitigation Protocols (MMMPs) will be developed and implemented in accordance with the Outline MMMP, to reduce the risk of injury to marine mammals. The Detailed MMMP(s) will include measures to apply in advance of UXO clearance. The Detailed MMMP(s) will include for the use of low order techniques only , where possible, as the primary mitigation measure alongside other measures. The detailed MMMP(s) will be approved by Marine Management Organisation, in consultation with Natural England. The detailed MMMP(s) will require the implementation of a mitigation hierarchy with regard to Unexploded Ordnance (UXO) clearance as follows: - Avoid UXO; and - Clear UXO with low order techniques. Low order techniques or avoidance of confirmed UXO are not always possible and are dependent upon the individual circumstances surrounding each UXO. Should high order UXO techniques be required, a separate marine licence will be applied for and will include consideration of secondary mitigation measures such as Noise Abatement Systems (NAS).	Updated to reflect the Applicants' commitment to removal of high order UXO clearance.
CoT65	PEIR	Offshore Environmental Management Plan(s) (EMPs) will be developed and will include details of: - a marine pollution contingency plan to address the risks, methods and procedures to deal with any spills and collision incidents during construction and operation of the authorised scheme for activities carried out below MHWS; - a chemical risk review to include information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance; - waste management and disposal arrangements; - the appointment and responsibilities of a fisheries liaison officer; - a fisheries liaison and coexistence plan (which accords with the outline fisheries liaison and co-existence plan) to ensure relevant fishing fleets are notified of commencement of licensed activities pursuant to condition and to address the interaction of the licensed activities with fishing activities; - measures to minimise disturbance to marine mammals and rafting birds from vessels; and - measures to minimise the potential spread of invasive non-native species, including adherence to IMO ballast water management guidelines.	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT66	PEIR	A Safety Zone Statement has been submitted as part of the application for development consent. Advisory exclusion zones of 500 m will be applied during construction and maintenance. Where defined by risk assessment, guard vessels will also be used to ensure adherence with Safety Zones or advisory passing distances to mitigate impacts which pose a risk to surface navigation.	To reflect that the Safety Zone Statement is only applicable to construction. Relevant application documents also updated as a result of a consistency review of the Commitments Register.
CoT69	PEIR	Detailed Vessel Traffic Management Plan(s) (VTMP) will be developed pre-construction in line with legislation, guidance and industry best practice which will: - determine vessel routing to and from construction areas and ports; - include vessel standards and a code of conduct for vessel operators; and - minimise, as far as reasonably practicable, encounters with marine mammals and basking sharks. These plans will be developed in accordance with the Outline VTMP prepared and submitted with the application for development consent.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT70	PEIR	Offshore Emergency and Response and Safety Plan(s) will be prepared post-consent to ensure relevant compliance with MGN654, where appropriate. This includes completion of an MGN654 Search and Rescue Checklist in consultation with the MCA.	MCA confirmed within their Deadline 1 – Written Representation (REP1-056) that SAR are not required for the projects. Updated to reflect this
CoT71	PEIR	An Outline Offshore Operation and Maintenance Plan has been prepared and submitted as part of the application for development consent. Detailed Offshore Operation and Maintenance Plan(s) will be produced prior to entering the operation and maintenance phase.	Relevant project elements updated as a result of a consistency review.
CoT72	PEIR	The Applicants will ensure compliance with MGN654 for vessel traffic monitoring and continuous watch, where appropriate, in consultation with the MCA.	Relevant project elements updated as a result of a consistency review.
CoT73	PEIR	An Outline Biosecurity Protocol has been prepared, as part of the Outline CoCP and submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the outline CoCP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT76	PEIR	Detailed Ecological Management Plan(s) (EMP) will be developed in accordance with the Outline Ecological Management Plan (OEMP). The Outline Ecological Management Plan has been prepared and submitted as part of the application for development consent and includes but is not limited to pre-construction, construction and post-construction mitigation measures relating to habitats and protected or notable species, species mitigation licences and the role of the Ecological Clerk of Works (ECOW) where relevant. The Outline Ecological Management Plan also includes a Breeding Bird Protection Plan which will set out mitigation measures such as vegetation clearance in winter (e.g., hedgerows), pre-construction breeding bird survey, appropriate protection zones upon confirmation of nest building/breeding taking place of key protected or sensitive species. In addition to the Breeding Bird Protection Plan, the OEMP sets out species-specific mitigation plans for Important Ecological Features identified as part of the assessment. Detailed Ecological Management Plan(s) will include details of any long term mitigation and management measures relevant to onshore ecology and nature conservation and in relation to onshore and intertidal ornithology. This will include the management of ecological mitigation areas. The Detailed EMPs will be developed in consultation with the relevant statutory advisors and regulators.	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT77	PEIR	An Outline Bentonite Breakout Plan has been prepared as part of the Outline CoCP and submitted as part of the application for development consent. CoCP(s) will be developed in accordance with the outline CoCP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT79	PEIR	An Outline Construction Noise and Vibration Management Plan has been prepared as part of the Outline CoCP submitted as part of the application for development consent. It includes measures to mitigate noise from construction activities associated with the Transmission Assets. Detailed Construction Noise and Vibration Management Plan(s) will be developed in accordance with Detailed CoCPs. Bespoke method statement(s) will be developed to ensure suitable noise limits can be met on specific sensitive noise receptors.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT81	PEIR	An Outline Soil Management Plan has been prepared as part of the Outline CoCP and submitted as part of the application for development consent. The detailed CoCP(s) will be developed in accordance with the outline CoCP. Detailed Soil Management Plan(s) will be developed in order to characterise and manage soil materials during construction. Soil types would be determined via site-specific survey work.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT82	PEIR	Where trenchless techniques are proposed for crossing ordinary watercourses, the entry and exit pits will be set back a minimum of 8 m from the bank of the watercourse. These crossings are detailed in the Onshore Crossing Schedule. Where required, geomorphological surveys will be undertaken on ordinary watercourses that may be crossed by trenched techniques. These will be used to inform detailed designs prior to construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT84	PEIR	An Outline Code of Construction Practice (CoCP) has been prepared and submitted with the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. In order to manage impacts to field drainage, the Outline CoCP stipulates field drainage plans will be developed in consultation with the relevant landowners. If required, additional field drainage will be installed to ensure the existing drainage of the land is maintained during and after construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT85	PEIR	An Outline Code of Construction Practice (CoCP) has been prepared and submitted with the application for development consent. Detailed CoCP(s) will be developed in accordance with the outline CoCP. The Outline CoCP will include that temporary haul road(s) will be installed using permeable gravel aggregate with a geotextile or other type of protective matting, or plastic or metal plates or grating, where required.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT86	PEIR	An Outline Code of Construction Practice (CoCP) has been prepared and submitted with the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. Where required, trenched techniques may be used for minor ditches or smaller watercourses that are frequently dry. In these cases, measures will be implemented to protect water quality and flow and these will be detailed within the Outline CoCP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT88	PEIR	Best Practicable Means (as defined in Section 72 of the Control of Pollution Act 1974 and Section 79 of the Environmental Protection Act 1990) will be implemented during the construction, operation, maintenance aspects of the Transmission Assets, where appropriate, to ensure that noise levels are minimised within all reasonably foreseeable circumstances. For the construction phase these will be detailed within the Outline CoCP, for the operational and maintenance phase these will be detailed within the Operational Noise Management Plan(s).	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT89	DCO	No demolition of any building will be undertaken in connection with the construction of the Transmission Assets. This is in accordance with the Outline Code of Construction Practice (CoCP) and detailed CoCPs.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT90	PEIR	The Project Description (Volume 1, Chapter 3 of the Environmental Statement) sets out that the installation of the 400kV Grid Connection Cable Corridor beneath the River Ribble will be undertaken by direct pipe or micro tunnel trenchless installation techniques.	Relevant application documents updated as a result of a consistency review of the Commitments Register.
CoT91	PEIR	An Outline Public Rights of Way (PRoW) Management Plan as part of the Outline CoCP, has been prepared and submitted with the application for development consent. Detailed Public Rights of Way (PRoW) Management Plan(s) will be developed in accordance with the Outline Public Rights of Way (PRoW) Management Plan and Outline CoCP. These will detail measures to mitigate against temporary disruption or reduced access on the Lancashire Coastal Way Long Distance Path and the Ribble Way Long Distance Path, as well as all other PRoWs to be crossed.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT92	PEIR	The Applicants will join the Lancashire District Level Licensing scheme in relation to Great Crested Newts, as detailed within the Outline Ecological Management Plan.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT94	PEIR	The Outline Code of Construction practice (CoCP) has been submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the outline CoCP. The outline CoCP details appropriate studies (e.g. Site Investigations) proposed to be undertaken where major HDDs (or other trenchless techniques) are proposed, during the detailed design stage to confirm ground conditions.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT95	PEIR	The Outline Code of Construction Practice (CoCP) has been submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. The Outline CoCP includes that during the construction phase the Principal Contractor(s) will sign up to the Flood Warning Service and will be alerted by a phone call or text when a Flood Warning becomes active. The flood warning will be applied to the entire Onshore Infrastructure Area located within Flood Zones 2 and 3 to enable site personnel to be evacuated from the site in a timely manner prior to a flood event occurring, if appropriate.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT96	PEIR	The Outline Code of Construction Practice (CoCP) has been submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. The Outline CoCP includes that farm access routes between fields within a farm holding will be maintained (where reasonably practicable), or alternative routes agreed with the land holder to enable the continued operation of agricultural land holdings during the construction phase, where this may be possible.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT97	PEIR	The Outline Code of Construction Practice (CoCP) has been submitted as part of the application for development consent. Detailed CoCP(s) will be developed in accordance with the Outline CoCP. The Detailed CoCPs detail that where necessary at the compounds located within the landfall area, construction measures will be adopted to maintain the existing level of flood protection during construction. These measures will be discussed with the Environment Agency. If applicable, these measures could include scheduling work windows against tide times and briefing site personnel regarding weather conditions, tide times and heights. If a Flood Warning/Flood Alert is issued for the 'Lancashire coastline at Lytham St. Annes, along the coast from Squires Gate to Warton Bank' Flood Warning Area (reference	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		012FWCTL13A) and the 'Coast at Lytham St Annes' Flood Alert area (reference 012WACLS) works within the relevant areas within the landfall area would also be stopped whilst the Flood Warning/Flood Alert is active.	
CoT 102	PEIR	Where sections of PROWs are required to be closed during the construction of the onshore export cable corridor and 400 kV grid connection cable corridor, they will not be closed for any longer than three months at any one time, or for six months in total over the whole construction period. Where closures are required for longer periods due to unforeseen circumstances encountered during construction, Lancashire County Council will be informed in writing. This will be in accordance with the Outline PROW Plan that has been prepared, as part of the Outline CoCP and submitted as part of the application for development consent.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 103	PEIR	Where suspected contamination is present and piling is proposed, where required detailed piling risk assessment(s) will be developed prior to the commencement of the relevant stage of works. Consultation with the Environment Agency will be sought.	Relevant timing updated as a result of a consistency review of the Commitments Register.
CoT 105	PEIR	No construction works within the operational (i.e. airside) boundary of Blackpool Airport will commence until Civil Aviation Publication (CAP) 791 Parts 1 & 2 approval has been obtained from the Civil Aviation Authority (CAA) in connection with those works. Part 3 will be finalised on the CAA inspection of the completed works.	Relevant application documents updated as a result of a consistency review of the Commitments Register.
CoT 107	DCO	Where construction activities are undertaken along the onshore export cable corridor within areas of Functionally Linked Land (Lytham Moss Biological Heritage Site) in proximity to Higher Ballam and Lower Ballam, a mitigation area will be provided for supplementary feeding of pink-footed goose and whooper swan during the core wintering bird period (November to March, inclusive). The feeding may comprise retention of spoiled crop and/or the import of additional feed, as appropriate. In addition, scrapes will be provided for terrestrial wader features. This is detailed within the Outline Ecological Management Plan.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 108	DCO	The Outline Offshore Cable Specification and Intallation Plan (CSIP) submitted as part of the application for development consent, includes for all external cable protection used within the Fylde MCZ to be designed to be removable on decommissioning. Detailed CSIP(s) will be developed in accordance with the Outline CSIP.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 109	DCO	The requirement for removal of cable protection within the Fylde MCZ will be agreed with stakeholders and regulators at the time of decommissioning. Removal of cable protection will be in accordance with the Offshore Decommissioning Programme(s).	Relevant application documents updated as a result of a consistency review of the Commitments Register.
CoT 110	DCO	Construction activities associated with the offshore cable pull in for the Morgan Offshore Wind Project and Morecambe Offshore Windfarm Limited will be undertaken in accordance with the Outline Offshore Cable Specification and Installation Plan (CSIP). This will include a timing restriction on all the Applicants to completing one cable pull activities at landfall on Lytham St Annes beach between November and March (inclusive) in a maximum of five weeks) per wintering season (i.e. during the months of November – February, inclusive), unless otherwise agreed with the MMO, in consultation with Natural England. Detailed CSIP(s) will be developed in accordance with the Outline CSIP.	To reflect the landfall seasonal restriction now proposed.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
CoT111	DCO	Development of, and adherence to, an offshore Environmental Management Plan(s) which will include Measures to minimise disturbance to marine mammals and rafting birds from vessels. The Measures to minimise disturbance to marine mammals and rafting birds from vessels includes a timing restriction on all offshore export cable installation activities total number of vessels for both the Morgan Offshore Wind Project and Morecambe Offshore Windfarm Limited actively working within the Liverpool Bay/Bae Lerpwl SPA during construction or during operation and maintenance phase will be limited to a maximum of five vessels at any one time in the wintering period, i.e. between November and February March (inclusive) within the original boundary of the Liverpool Bay/Bae Lerpwl SPA (as designated in 2010), and including a 2 km buffer, unless otherwise agreed with the MMO, in consultation with Natural England. This will be included within the Offshore Environmental Management Plan(s)'s measures to minimise disturbance to marine mammals and rafting birds from vessels.	Updated to reflect the Applicants' commitment to further restrict offshore export cable installation activities within the Liverpool Bay SPA during the wintering period (November to March inclusive). Also updated relevant application documents as a result of a consistency review of the Commitments Register.
CoT 112	DCO	Advance warning will be provided via Notice to Mariners to ensure that the appropriate authorities are informed of offshore construction, operation and maintenance, and decommissioning activities. Copies of all notices must be provided to the MMO, MCA and UKHO as well as other interested parties, as appropriate.	Relevant project element and timing updated as a result of a consistency review of the Commitments Register.
CoT 113	DCO	Where construction activities are undertaken within the Intertidal Infrastructure Area, mitigation measures will be provided at Fairhaven saltmarsh to reduce disturbance upon roosting wader features of Ribble and Alt Estuary SPA. This may comprise a combination of the employment of a warden, educational signage, and soft fencing. This is detailed within the Outline Ecological Management Plan.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 114	DCO	All permanent infrastructure located between Mean Low Water Springs (MLWS) and Mean High Water Springs (MHWS) will be buried to a target depth of 3 metres, subject to further pre-construction surveys to be reported within Detailed Cable Burial Risk Assessments (CBRAs). An Outline CBRA has been prepared and submitted with the application for development consent.	Relevant securing mechanism and consultees updated as a result of a consistency review of the Commitments Register.
CoT 116	DCO	Any material arising from sandwave clearance within the Transmission Assets Order Limits will be deposited in close proximity to the works and within the licensed disposal sites within the Order Limits, as detailed in the Dredging and Disposal - Site Characterisation Plan prepared and submitted as part of the application for development consent.	Relevant securing mechanism and timing updated as a result of a consistency review of the Commitments Register.
CoT117	DCO	The Outline Offshore Cable Specification and Installation Plan (CSIP) includes details for any jack-up vessels used within the Fylde MCZ to be stationary. No walking jack-ups would be used within the Fylde MCZ. Detailed CSIP(s) will be developed in accordance with the Outline CSIP.	Relevant application document updated to Outline Cable Specification and Installation Plan (J15).
CoT 118	DCO	Where areas of potentially significant contamination (e.g. landfills) cannot be avoided within the Transmission Assets Order Limits, ground investigation or other appropriate measures (e.g. use Personal Protective Equipment and/or hazard signage) will be implemented to mitigate potential impacts to, or effects on sensitive receptors. Where ground investigation identifies potential risks to sensitive receptors from contamination, a remediation strategy would be prepared in consultation with the Environment Agency.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 119	DCO	Subject to landowner approval, at detailed design stage, hydrogeological risk assessment(s) will be undertaken at St Annes Old Links Golf Club (abstraction borehole ref: GWA_01), if necessary. The	Relevant consultees updated as a result of a consistency review of the Commitments Register.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		hydrogeological risk assessment(s) would be informed by ground investigation information, where relevant and practicable. If undertaken, the risk assessment(s) will inform a detailed site-specific crossing design for the installation of the offshore export cables beneath Lytham St Annes SSSI and the St Annes Old Links Golf Course.	
CoT 120	DCO	To mitigate for potential permanent habitat loss associated with each of the Onshore Substations, mitigation areas south of Newton-with-Scales will be provided for waders and farmland birds. Measures within these areas may include measures, such as, the creation of scrapes and thickening of hedgerows. This is detailed within the Outline Ecological Management Plan. The final measures will be developed and agreed with the relevant stakeholders as a part of the detailed Ecological Management Plan(s) prior to construction.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 121	DCO	Where watercourses are to be crossed by haul roads and temporary access tracks, the culverting or bridging will be appropriately sized to ensure conveyance of existing flows to mitigate the potential for increased flood risk. This will be agreed in consultation with the Lead Local Flood Authority for Ordinary watercourses; or the Environment Agency for Environment Agency Main Rivers.	Relevant securing mechanism updated as a result of a consistency review of the Commitments Register.
CoT 122	DCO	The Outline Ecological Management Plan will include details of proposed mitigation measures associated with the direct loss of any ponds within the Transmission Assets Order Limits. Replacement habitat will be provided for ponds considered to be of higher ecological value (e.g. of sufficient conservation interest to support communities of aquatic invertebrates, such as those ponds currently located within the permanent Morgan onshore substation area). Detailed Ecological Management Plan(s) will be developed in accordance with the Outline Ecological Management Plan.	Relevant consultees updated as a result of a consistency review of the Commitments Register.
CoT 125	DCO	The Project Description (Volume 1, Chapter 3 of the Environmental Statement) sets out that the siting and number of compounds associated with the construction activities at the landfall have been sited, where practicable, to avoid key constraints, including the Ribble and Alt Estuaries SPA and the Lytham St. Annes Dunes SSSI, to reduce disturbance upon roosting waders.	Relevant project element added and securing mechanism updated as a result of a consistency review of the Commitments Register.
CoT128	DCO	At detailed design stage, hydrogeological risk assessment(s) will be undertaken A Preliminary Hydrogeological Risk Assessment will be prepared in relation to the crossing of Lytham St Annes SSSI to mitigate potential impacts to the hydrologically dependant surface water features of the sand dune system. This will form part of the Outline Code of Construction Practice . At detailed design stage, Hydrogeological Risk Assessment(will be developed in accordance with the Preliminary Hydrogeological Risk Assessment. The Hydrogeological Risk Assessment(s) will be informed by ground investigation information, where necessary and practicable. These assessment(s) will used to inform the detailed site specific crossing design for the installation of the offshore export cables beneath Lytham St Annes SSSI.	Updated to include a preliminary hydrogeological risk assessment to be submitted at Deadline 3 as part of the Outline CoCP. Updated to reflect that the Applicants will secure the commitment via DCO Schedules 2A & 2B, Requirement 8 (CoCP). Relevant securing mechanism and consultees updated as a result of a consistency review of the Commitments Register.
CoT129	Examination	No construction activities at landfall on Lytham St Annes beach will be undertaken by the Morgan Offshore Wind Project and Morecambe Offshore Windfarm Limited between November and March (inclusive). This	Added to reflect the Applicants' commitment that there will be no works at Landfall at Lytham St Annes Beach between November and Marsh inclusive.

Commitment Reference	Commitment Stage	Transmission Assets Commitment	Explanation of Change
		is to mitigate disturbance to roosting wader features of Ribble and Alt Estuary SPA and Ramsar site. This is detailed within the Outline Ecological Management Plan.	
CoT130	Examination	No clearance of unexploded ordnance (UXO) will be undertaken within Liverpool Bay/Bae Lerpwl SPA between November and March (inclusive).	Added to reflect the Applicants' commitment that UXO clearance within the Liverpool Bay SPA will not be undertaken during the wintering period of November to March inclusive.
CoT131	Examination	Mitigation planting at the onshore substation sites will be situated at least 8 m from Dow Brook.	Added to reflect the Applicants commitment that there will be no planting within 8m of Dow Brook at the Onshore Substation Sites.