

RWE Renewables UK Dogger Bank South (West) Limited RWE Renewables UK Dogger Bank South (East) Limited

Dogger Bank South Offshore Wind Farms

Commitments Register (Revision 2) (Clean)

Volume 8

February 2025

Application Reference: 8.6

APFP Regulation: 5(2)(q)

Revision: 02





| Company: | RWE Renewables UK Dogger Bank South (West) Limited and RWE Renewables UK Dogger Bank South (East) Limited | Asset: | Development |
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| Project: | Dogger Bank South Offshore Wind Farms | Sub Project/Package: | Consents |
| Document Title or Description: | Commitments Register (Revision 2 | ?) (Clean) | |
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| Rev No. | Date | Status/Reason for Issue | Author | Checked by | Approved by |
|---------|---------------|---------------------------|--------|------------|-------------|
| 01 | June 2024 | Final for DCO Submission | RHDHV | RWE | RWE |
| 02 | February 2025 | Submission for Deadline 2 | RHDHV | RWE | RWE |





| | | Revision Change Log |
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| Rev No. | Reference | Description |
| 01 | N/A | Final for DCO Submission |
| 02 | N/A | Updates have been made to the Commitments Register to reflect chapter revisions and other minor amendments for offshore and onshore topics. |
| 02 | C002 | Update to correctly reference document. |
| 02 | C019 | Update to correctly reference document. |
| 02 | C025 | Updates to reflect amended wording to hedgerow clearance where the haul road meets public highway, as per Chapter 18 Terrestrial Ecology and Ornithology (Revision 5) [document reference 7.18] submitted at Deadline 2 |
| 02 | C050 | Minor amendment to sentence structure, no impact on overarching commitment. |
| 02 | C052 | Minor amendments to reflect Chapter 22 Onshore Archaeology and Cultural Heritage (Revision 2) [AS-092]. |
| 02 | C083 | Commitment removed as a result of the removal of the intertidal exit pits from the Projects' Design Envelope following acceptance of Project Change Request 1- Offshore and Intertidal Works [AS-141]. |
| 02 | C084 | Text amendments in relation to the removal of the intertidal exit pits as per Project Change Request 1 - Offshore and Intertidal Works [AS-141] and updates in reference to where the commitment is secured. |
| 02 | C085 | Commitment removed as a result of the removal of the intertidal exit pits from the Projects' Design Envelope following acceptance of Project Change Request 1- Offshore and Intertidal Works [AS-141]. |
| 02 | C086 | Removal of text referring to the intertidal exit pits. |
| 02 | C088 | Additional mention of 'anchoring'. |
| 02 | C091 | Updated with additional wording in response to Natural England's Relevant Representation. The Applicants' full response is given in Response to Natural England's Relevant Representations [AS-048] and Response to Natural England's Relevant Representations (Appendix G & H) [PDB-006]. |
| 02 | C093 | Commitment removed due following acceptance of Project Change Request 1- Offshore and Intertidal Works [AS-141], therefore no piling in the Offshore Export Cable Corridor. |
| 02 | C094 | Commitment removed due to Electrical Switching Platforms being removed from Projects Design Envelope following acceptance of Project Change Request 1- Offshore and Intertidal Works [AS-141]. |



| 02 | C096 | JNCC reference updated to account for the release of the new Defra policy. |
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| 02 | C097 | Commitment removed due following acceptance of Project Change Request 1- Offshore and Intertidal Works [AS-141], therefore no piling in the Offshore Export Cable Corridor. |
| 02 | C106 | Updated to reflect changes implemented in Chapter 21 Land Use (Revision 3) [document reference 7.21] submitted at Deadline 2. |
| 02 | C107 | Updated to reflect changes implemented in Chapter 21 Land Use (Revision 3) (document reference 7.21) submitted at Deadline 2. |
| 02 | C134 | Updated to reflect changes implemented in Chapter 25 Noise (Revision 2) [REP1-019] submitted at Deadline 1. |
| 02 | C142 | DML condition number added and document volume number corrected. |
| 02 | C147 | Updated to reflect changes implemented in Chapter 18 Terrestrial Ecology and Ornithology (Revision 2) [AS-072] submitted November 2024. |
| 02 | C170 | Updates to correct spelling of referenced document. |
| 02 | C181 | Updated to include additional points from Chapter 12 Offshore Ornithology (Revision 2) [AS-057]. |
| 02 | C182 | New commitment added in relation to Otter and Water Vole as reflected in Chapter 18 Terrestrial Ecology and Ornithology (Revision 5) [document reference 7.18] submitted at Deadline 2. |
| 02 | C183 | New commitment added to reflect changes implemented in Chapter 21 Land Use (Revision 2) AS-111] submitted in December 2024 and Chapter 21 Land Use (Revision 3) [document reference 7.21] submitted at Deadline 2. |
| 02 | C184 | New commitment added to reflect changes implemented in Chapter 21 Land Use (Revision 3) [document reference 7.21] submitted at Deadline 2. |
| 02 | C185 | New commitment added to reflect changes implemented in Chapter 21 Land Use (Revision 2) AS-111] submitted December 2024. |
| 02 | C186 | New commitment added to reflect changes implemented in Chapter 21 Land Use (Revision 2) AS-111] submitted December 2024. |
| 02 | C187 | New commitment added in relation to Ancient Woodland minimum HDD depths as reflected in Chapter 18 Terrestrial Ecology and Ornithology (Revision 5) [document reference 7.18] submitted at Deadline 2. |



| 02 | C188 | New commitment added to address cable bundling in response to Natural England's Relevant Representation. The Applicants' detailed response is given in Response to Natural England's Relevant Representations [AS-048] and Response to Natural England's Relevant Representations (Appendix G & H) [PDB-006]. |
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| 02 | C189 | This has been added in response to the ISH 1 Action Point No. 13 in The Applicants' Responses to January 2025 Action Points (Revision 2) [AS-155]. |

| | | Relevant Proj | ect | | | | | | | | | | | | | Commitment | | gger Bank South Offshore Wind Farr |
|------|--|---|--|---|---|--|--|--------------------------|--|--|--|---|--|--|--|--|--|---|
| | | Phase | | | ES Chapter | r where co | mmitmer | nt has | been made | • | | | | | | Туре | | |
| Ref. | Onshore / Offshore / Overarching | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology | 7: Consultation 8: Marine Physical Processes 9: Benthic and Intertidal | 10: Fish and Shellfish 11: Marine Mammals | 12: Offhsore Ornithology | 14: Shipping and Navigation 15: Aviation and Radar | 15: Offshore Archaeology and 18: Terrestrial Ecology and | 19: Geology and Land Qualit; 20: Flood Risk and Hydrology 21: Land Use | 22: Onshore Archaeology and 23: Landscape and Visual 24:Traffic and Transport | 25: Noise 26: Air Quality 27: Human Health | Socio-Economics 29: Tourism and Recreation | How is Commitment Secured / Implemented? | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C001 | Onshore | • | Pre-construction activities | The applicant has committed to the following pre-construction activities for the onshore substation zone and onshore export cables: Ground investigations and pre-construction surveys; Road/junction modifications and any new junctions off existing highways; Pre-construction drainage – installation of buried drainage along the cable corridor and at the substation, which requires an understanding of the existing agricultural drainage environment; Pre-construction utilities diversions (temporary and permanent); Hedge and tree removal – hedge and tree removal is seasonal and can be influenced by ecological factors. Removing these ahead of the main works mitigates against potential programme delays; Ecological mitigation – any advanced pre-construction mitigation activities, for example installation of great crested newt fencing; and Archaeological mitigation – pre-construction activities agreed with Historic England and Humber Historic Environment Services | • | | | | | | | | | | DCO Schedule 1 DCO Requirement 12 DCO Requirement 14 DCO Requirement 16 DCO Requirement 18 | • | Historic England | Volume 8, Outline Ecological Management Plan (application ref: 8.10) Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) Volume 8, Outline Drainage Strategy (application ref: 8.12) Volume 8, Outline Onshore Written Scheme of Inverstigation (application ref: 8.14) |
| C002 | Offshore | • | | Offshore monitoring requirements are described in Volume 8, In-Principle Monitoring Plan (IPMP) (application ref: 8.23) submitted alongside the DCO applicationThe monitoring requirements will be be further developed and agreed with stakeholders prior to construction based on the IPMP and taking account of the final detailed design of the Projects. | | • | • • | • | • | • | | | | | DML 1 & 2 - Conditions 15 & 20-22 DML 3 & 4 - Conditions 13 & 18-20 DML 5 - Conditions 11 & 14-16 | • | Marine Management Organisation | Volume 8, In Principle Monitoring Plan (application ref: 8.23) |
| C003 | Offshore | • | I FIACTROMOGNATIC FIAIRS | The Applicants are committed to burying offshore export cables to 0.5-1.5m (depending on cable location) where practicable (subject to a cable burial risk assessment (see Volume 8, Cable Statement (application ref: 8.20)). This will increase the distance between the offshore export cables and the seabed surface, resulting in a lower field strength and area affected by EMF at the seabed surface (see Volume 8, Cable Statement (application ref: 8.20)). | | • | • | | | | | | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 | • | Marine Management Organisation | Volume 8, Cable Statement (application ref: 8.20) |
| C004 | Offshore | • | Offshore Export Cable Corridor | The offshore cable corridor was selected in consultation with key stakeholders to select route options which minimised impacts on designated sites, such as minimising its length within the Dogger Bank Special Area of Conservation (SAC), avoiding permanent overlaps with the Holderness Inshore Marine Conservation Zone (MCZ) and the Annex I Smithic Bank sandbank, as well as avoiding overlaps with the Flamborough Head SAC and Holderness Offshore MCZ. See Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4). | | • | | | | | | | | | DML 5 - Condition 11 DCO Schedule 1 | • | Marine Management Organisation | Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C005 | Offshore | • | Offshore Export Cable Corridor | The Offshore Export Cable Corridor was selected in consultation with key stakeholders to select a route which minimised impacts on designated sites and ecologically important habitats for fish and shellfish species. See Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4). | | | • | | | | | | | | DCO Schedule 1 | • | Marine Management Organisation | Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C006 | Offshore | • | Site Integrity Plan (SIP) | A Southern North Sea SAC SIP will be developed pre-construction, in accordance with In Principle SIP (application ref: 8.26) , which will set out the approach to deliver any project mitigation or management measures to reduce the potential for any significant disturbance of harbour porpoise in relation to the Southern North Sea SAC conservation objectives. The SIP will be an adaptive management tool, which can be used to ensure that the most adequate, effective and appropriate measures, if required, are put in place. The SIP will be based upon best available information and methodologies at that time, in consultation with the relevant SNCBs and MMO. | | | • | | | | | | | | Site Integrity Plan DML 1 & 2 - Conditions 14 & 15 DML 3 & 4 - Conditions 16 & 17 | • | Marine Management Organisation | Volume 8, Outline Site Integrity Plan (application ref: 8.26) |
| C007 | Offshore | • | MMMP for Piling Activities | The MMMP, produced in accordance with the content of the Outline MMMP (application ref: 8.25) for piling will be developed in the pre-construction period and based upon best available information, methodologies, industry best practice, latest scientific understanding, current guidance and detailed project design. The MMMP for piling will be developed in consultation with the relevant Statutory Nature Conservation Bodies (SNCBs) and the MMO, detailing the proposed mitigation to reduce the risk of any physical or permanent auditory injury (Permanent Threshold Shift (PTS)) to marine mammals during all piling operations. This will include details of the embedded mitigation, for the soft-start and ramp-up, as well as details of the proposed mitigation zone and any additional mitigation measures required in order to minimise potential impacts of any physical injury or PTS, for example, the activation of an Acoustic Deterrent Device (ADD) prior to the soft-start, as much as is practicable. | | | • | | | | | | | | Marine Mammal Mittigation Protocol for Piling DML 1 & 2 - Conditions 15 & 20-22 DML 3 & 4 - Conditions 13 & 18-20 DML 5 - Conditions 11 & 14-16 | • | Marine Management Organisation | Volume 8, Outline Marine Mammal Mitigation Protocol (application ref: 8.25) |
| C008 | Offshore | • | Minimum blade clearance | There would be a minimum blade tip clearance (air draft height) of at least 34m above MSL. Project parameters would be secured within the Draft DCO (application ref: 3.1) . | | | | • | • | | | | | | DML 1 & 2 - Condition 2 | • | Marine Management Organisation | N/A |
| C009 | Offshore | • | Site Seleciton | The Crown Estate conducted a detailed site selection exercise, considering a range of sensitivities which included ornithological impacts. The Projects' Array Areas are located at least 100km from the nearest seabird breeding colony at Flamborough and Filey Coast Special Protection Area (FFC SPA) and as such connectivity for most species will be relatively low. The Array Areas have been refined following reviews of site-specific survey information. | | | | • | | | | | | | DCO Schedule 1 Fisheries Liaison and Co-existence | • | Marine Management Organisation | Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C010 | Offshore | • | | -One or more Fisheries Liaison and Co-existence Plan(s) will be developed pre-construction, in accordance with the Outline FLCP (Volume 8, application ref: 8.28) to communicate the commitments by the Project(s) to co-exist with the fishing industry. | | | | • | | | | | | | Plan DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 20 DML 5 - Condition 14 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Outline Fisheries Liaison and Co-existence Plan (application ref: 8.28) |
| C011 | Offshore | • | Project Design | The Applicants have reduced the Project Design in order to reduce potential impacts as far as practicable. The DBS West and DBS East Array Areas in which the turbines are proposed to be installed have been reduced from a combined 989km² to 704km², a reduction of approximately 30% when compared to the design put forward for consultation in the PEIR. | | | | • | | | | | | | DCO Schedule 1 Layout Plan | • | Marine Management Organisation | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| C012 | Offshore | • | I II avout Dian | One or more Layout Plan(s) setting out the relevant proposed details of the Projects within the Offshore Development Area would be agreed with the MMO following appropriate consultation with Trinity House and the MCA. | | | | | • | • | | | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | N/A |
| C013 | Offshore | • | Project vessel compliance with international marine regulations | Project vessels will ensure compliance with Flag State regulations including the Convention on the International Regulations for Preventing Collisions at Sea (COLREGs) (International Maritime Organization (IMO), 1972/77) and International Convention for the Safety of Life at Sea (SOLAS) (IMO, 1974). This is detailed within the Volume 8, Outline PEMP (application ref: 8.21) . | | | | | • | | | | | | Project Environmental Management Plan DML 1 & 2 - Conditions 15 & 21 DML 3 & 4 - Conditions 13 & 19 DML 5 - Conditions 11 & 15 | • | Convention on the International Regulations for Preventing Collisions at Sea, 1972 International Maritime Organization International Convention for the Safety of Life at Sea, | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C014 | Offshore | • | Under keel clearance | Where scour protection is required, MGN 654 will be adhered to with respect to changes greater than 5% to the charted water depth referenced to CD in consultation with the MCA and Trinity House. Compliance with MGN 654 would be secured within the DCO. | | | | | • | | | | | | DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 16 DML 5 - Condition 12 | • | 1974 Maritime and Coastguard Agency Trinity House UK Hydrographic Office | N/A |

| | | Relevant Proje | ct | | ES Chapter wh | nere comm | nitment | t has been ma | de | | | | Commitm | nent | | ger Bank South Offshore Wind Farm |
|------|--|---|--|---|---|--|--------------------|--|---|--|--|--|--|------|---|--|
| Ref. | Onshore / Offshore / Overarching | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation | 8: Marine Physical Processes 9: Benthic and Intertidal | 11: Marine Mammals | 12: Offhsore Ornithology 13: Commercial Fisheries 14: Shipping and Navigation 15: Aviation and Radar | 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and | 19: Geology and Land Quality 20: Flood Risk and Hydrology 21: Land Use | 22: Onshore Archaeology and 23: Landscape and Visual | 24:Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics 29: Tourism and Recreation 30: Climate Change Appendix Socio-Economics 30: Climate Change Appendix Socio-Economics Appendix Socio-Economi | Embedded Mitigation Additional Mitigation | | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C015 | Offshore | • | Information, notifications and charting | Under Article 225A of the Air Navigation Order 2016 (as amended), obstacle details would be passed to the CAA at least eight weeks before construction commences. CAA would forward the information to MOD DGC and NATS AIS for inclusion in the AIP and on relevant civil and military aeronautical charts. To ensure stakeholder awareness of the Projects while charts are being updated, obstacle details would be notified to Defence Infrastructure Organisation Safeguarding and the CAA at least 14 days prior to the commencement of construction. | rt . | | | • | | | | DML 1 & 2 - Condition 12 DML 3 & 4 - Condition 10 DML 5 - Condition 8 | • | | Civil Aviation Authority Ministry of Defence NATS | N/A |
| C016 | Offshore | • | Charting of infrastructure | There will be appropriate marking of all offshore infrastructure associated with the Projects on UKHO admiralty charts. Appropriate notification to UKHO would be secured through a Conditions of the DMLs contained in the Order. | | | | | • | | | DML 1 & 2 - Conditions 9, 15, & 24 DML 3 & 4 - Conditions 7, 13, & 22 DML 5 - Conditions 5, 11 & 18 | • | | UK Hydrographic Office | N/A |
| C017 | Offshore | • | Wrecks (Maritime and Aviation Archaeology) | I A requirement to avoid historic wrecks (as tar as nossible) was included as a design principle for site selection in the design of the Ottshore Export Cable Corridor | | | | | • | | | DCO Schedule 1 | • | | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C018 | Offshore | • | Archaeological Exclusion Zones | AEZs to be agreed between the project team and the archaeological curator will be the primary means employed to preserve features or remains of archaeological interest or potential <i>insitu</i> . AEZs will be established and maintained in line with the principles laid out in Volume 8, Outline WSI (Offshore) (application ref: 8.22) . | | | | | • | | | Written Scheme of Investigation (Offshore) DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation East Riding of Yorkshire | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C019 | Offshore | • | Protocol for archaeological discoveries | One or more archaeological recording and reporting protocols will be developed and used by the Projects to record and report any objects of possible archeological interest should they be encountered. The protocol(s) will be produced in line with the relevant principles laid out in Volume 8, Outline WSI (Offshore) (application ref: 8.22) . | | | | | • | | | Written Scheme of Investigation (Offshore) DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C020 | Offshore | • | Data Sharing and Research Objective | The approach to realising the public benefit of sharing archeological data, and to the creation of joined-up objectives for post-consent investigation and mitigation, including links with academic and industry wide research initiatives, will be established post-consent in consultation with key stakeholders, including Historic England | | | | | • | | | Written Scheme of linverstigation (Offshore) DML 1 & 2 - Condition 22 DML 3 & 4 - Condition 20 | • | | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C021 | Onshore | • | Roosting Bats | All affected trees will need be re-assessed for their suitability for roosting bats prior to construction start in line with the Outline Ecological Management Plan (application ref: 8.10) , as the potential roost features on trees are likely to change and new features can form overtime due to weather increments and natural processes, such as tree decay. Trees with bat roost potential will be subjected to further survey in accordance with best practice guidelines and, once completed, a roosting bat impact assessment can be finalised. Survey methods include, but are not limited to, endoscope inspections, aerial tree surveys (tree climbing or using mobile elevated working platforms (MEWPs)) by a bat licenced ecologist. Once trees have been assessed the combined impact on roosting, foraging, and commuting bats can be assessed | | | | | • | | | DML 5 - Condition 16 DCO Requirement 12 | • | | Relevant Planning Authority | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| C022 | Onshore | • | Vegetation clearance | All vegetation requiring removal will be undertaken outside of the bird breeding season. If this is not reasonably practicable, the area of vegetation requiring removal will be subject to a nesting bird survey by a suitably qualified Ecological Clerk of Works (ECoW). If nesting birds are present, the vegetation will not be removed until the young have fledged or the nest failed. | | | | | • | | | DCO Requirement 12 | • | | Relevant Planning Authority (in consultation with Natural England and Environment Agency, as appropriate) | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| C023 | Onshore | • | Ecological Manageme Plan | An Ecological Management Plan (EMP) will be developed in accordance with the Outline Ecological Management Plan (OEMP) (Volume 8, application ref: 8.10) . The OEMP includes but is not limited to pre-construction, construction, and post-mitigation measures relating to habitats, hedgerows, birds, bats, badgers, otters, water voles, reptiles, GCN, and other protected or notable species where relevant. The EMP will include details of any long-term mitigation and management measures relevant to terrestrial ecology and ornithology and nature conservation. The EMP will be developed in consultation with the relevant stakeholders. | | | | | • | | | DCO Requirement 12 | • | | Relevant Planning Authority (in consultation with Natural England and Environment Agency, as appropriate) | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| C024 | Onshore | • | Crossing Method Statements | As referenced in the OCoCP (Volume 8, application ref: 8.9) the Contractor will be required to prepare a Crossing Method Statement Prior to Construction. This will set out construction operations to be undertaken (including construction methods and types of plant required) and the associated environmental and health and safety issues for certain crossings where an increased risk is identified. The method statements will include details of crossing techniques to be deployed at crossings, including sensitive environmental crossings (such as Main Rivers). These will be developed with the relevant asset owner or key stakeholder such as the Environment Agency, IDB or ERYC. | | | | | • | • | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England and IDB as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C025 | Onshore | • | Hedgerows | For an In-Isolation scenario, the maximum width for hedgerow removal is 15m for the Export Cable Corridor and 20m for the Onward Cable Route. For Concurrent and Sequential Scenarios the anticipated maximum width for hedgerow removal is up to 24m for the Onshore Export Cable Corridor and up to 34m for the Onward Cable Route to the Proposed Birkhill Wood Nation Grid Substation. Where the crossing of a hedgerow can be limited to a Haul Road only, the maximum hedgerow removal width would be limited to 5m where the haul road crosses a field and a minimum of 6m where the haul road adjoins the public highway. However, where hedgerows intersect with construction access points off of existing roads, an average of 25m (12.5m from the centre point) of hedgerow will be removed for access and visibility splays, where possible this would be limited to pruning rather than full removal of a hedge. Hedgerows that intersect with TCCs will be removed where it is not possible to protect the hedgerow during the construction works. All affected hedgerows within the Onshore Development Area will be replanted and restored post construction. | | | | | • | | | DCO Requirement 12 | • | | Lengland and Environment | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| C026 | onshore | • | Hydrogeological risk assessments | Ground investigations and a hydrogeological risk assessment meeting the requirements of the Environment Agency's approach to groundwater protection (Environment Agency, 2018) would be undertaken at each trenchless crossing location. | | | | | • | • | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C027 | Onshore | • | Ecological Monitoring | Onshore ecological monitoring will be developed and agreed with stakeholders prior to construction, and are described in the OEMP (Volume 8, application ref: 8.10). | | | | | • | | | DCO Requirement 12 | | • | Agency, as appropriate) | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| C028 | Onshore | • | Cable Crossing beneat Ordinary Water course | Ordinary watercourse crossings may be undertaken by open cut methods. In such cases, temporary measures will be employed to maintain flow of water along the watercourse. The crossing methodology for all water courses is set out in the Volume 7, Appendix 5-2 Obstacle Crossing Register (application ref: 7.5.5.2). Trenchless crossing methodologies (e.g. HDD) entry and exit points will be located at least 9m away from Internal Drainage Board (IDB) and Ordinary surface watercourses to ensure the ongoing maintenance of IDB drains. | | | | | • | • • | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England and IDB as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |

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| | Polevo | ant Project | • | | | | | | | | | | | Commitmen | | ger Bank South Offshore Wind Farm |
|--------------------------------------|---------|---|---|---|--|--|--|--|---|---|------------------------------|--|--|--|--|--|
| Onshore Ref. Offshore Overarch | Phase / | Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and S. Project Description D | 6: EIA Methodology and application and applica | 8: Marine Physical Processes and 9: Benthic and Intertidal and Shellfish | 11: Marine Mammals and animals and animals and animals and animals and animals | 12: Offhsore Ornithology 13: Commercial Fisheries 6 | 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and | 20: Flood Risk and Hydrology | 22: Onshore Archaeology and 23: Landscape and Visual | 24:Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics 30: Climate Change 30: Climate Change 4 parnoas si month Recreation 30: Climate Change | Embedded Mitigation Additional Mitigation Monitoring | | Relevant Application Document(s) |
| C029 Onshore | • | | Pre-construction surveys | Prior to the commencement of construction activities, pre-construction surveys will be undertaken by the ECoW where necessary, in accordance with the OEMP (Volume 8, application ref: 8.10) and latest available species-specific guidance. | | | | | | • | | | DCO Requirement 12 | • | Relevant Planning Authority (in consultation with Natural England and Environment Agency, as appropriate) | IVOIUME & CUTIINE ECOLOGICAL I |
| C030 Onshore | • | | Designated sites | Statutory designated sites for nature conservation have been avoided wherever possible as part of the site selection and route planning process. In addition, the Applicants have committed to reinstating all LWS habitat after construction. | | | | | | • | | | DCO Schedule 1 | • | N/A | N/A |
| C031 Onshore | • | | Routing | The route of the Onshore Export Cable Corridor has been determined as part of a detailed site selection process (Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4)). The onshore export cable corridor has been designed to avoid sensitive landscape elements, such as woodland, buildings and trees, where the loss of such features would be detrimental to the character of the area. | | | | | | • | | • | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C032 Onshore | • | | Badgers | 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 the start of any works to ensure no animals are trappe and if any have fallen in. Appropriate checks will be made as required by the ECoW. | ed | | | | | • | | | DCO Requirement 12 | • | | Volume 8, Outline Ecological Management Plan (application ref: 8.10) |
| CO33 Onshore | • | | Contaminated land and groundwater scheme | A contaminated land and groundwater scheme will be prepared to identify any contamination. If areas of potential concern are identified during ground investigation, then a remediation strategy would be developed and agreed with the relevant bodies prior to the commencement of remedial works and construction activities. The ground investigation, risk assessment and remediation would follow guidance provided within the 2023 Environment Agency Land Contamination Risk Management Framework. | | | | | | | • | | DCO Requirement 29 | • | Relevant Planning Authority, in consultation with Natural England, Environment Agency and MMO, as applicable. | Construction Practice |
| C034 Onshore | • | | Agricultural land classification and soil Condition surveys | Agricultural Land Classification (ALC) surveys have been undertaken for the Substation Zone, where the Onshore Development Area. The results are Converter Stations would be located, the results are included in Appendix A, Outline Soil Management Plan (OSMP) of the OCoCP (Volume 8, application ref: 8.9) [AS-094]. ALC surveys for the Onshore Export Cable Corridor and the Landfall Zone will be completed in Spring / Summer 2024 to inform the detailed Soil Management Plan (SMP) and reinstatement methodology following completion of the construction works A contractor (or appointed Agricultural Land Officer) will undertake soil Condition and intrusive soil survey trial pits to identify and describe the physical and nutrient characteristics of the existing soil profiles. | | | | | | | , | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England as applicable). | Volume 8, Outline Code of Construction Practice |
| C185 Onshore | • | | Agricultural land classification and soil Condition surveys | Agricultural Land Classification (ALC) surveys have been undertaken for the Substation Zone, where the Onshore Development Area. The results are included in Appendix A, Outline Soil Management Plan (OSMP) (Revision 2) of the OCoCP (Revision 2) (Volume 8, application ref: 8.9) [AS-094] The Principle contractor (or appointed Agricultural Land Officer) will undertake soil Condition and intrusive soil survey trial pits to identify and describe the physical and nutrient characteristics of the existing soil profiles. | | | | | | | • | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natura England as applicable). | Construction Practice |
| C035 onshore | • | | Outline Drainage Strategy | An Outline Drainage Strategy (Volume 8, application ref: 8.12) is submitted with the DCO application, and includes the pre and post construction land drainage proposals. | | | | | | | • • | | DCO Requirement 16 | • | Relevant Planning Authority (in consultation with Lead Local Flood Authority and Environment Agency). | Volume 8, Outline Drainage Strategy (application ref: 8.12) |
| CO36 Onshore | • | | Construction Methodology and Reinstatement | In a Concurrent or Sequential construction scenario, the ducts for both Projects would be laid in the same phase of works i.e. the ducts for the second Project would be laid by the first. The areas of land between Jointing Bays would be reinstated within 2 years and returned to the landowner for agricultural use or the habitat restored. Cables would then be pulled through the ducts at Jointing Bay locations along the Onshore Export Cable Route, limiting physical disturbance to locations every 0.75 to 1.5km. Works to install the platform for the Onshore Converter Station(s) for the second Project within the Substation Zone and the ducting at the Landfall Zone would also be undertaken in the same phase of works. On completion of construction, the Landfall Zone and Onshore Export Cable Corridor, including Temporary Construction Compounds, would be reinstated to its previous Condition (e.g. agricultural use) as far as reasonably practical. The only above-ground infrastructure that would remain would be manholes for link boxes. | r | | | | | | • | • | DCO Schedule 1 | • | N/A | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| CO37 Onshore | • | | Groundwater and ground gas monitoring | Onshore monitoring requirements, where required are described further in this chapter and would be further developed and agreed with stakeholders prior to construction taking account of the final detailed design of the Projects (see OCoCP (Volume 8, application ref: 8.9)). | f | | | | | | , | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, as applicable). | Volume 8, Outline Code of Construction Practice |
| C038 Onshore | • | | Piling Risk Assessment | The OCoCP (Volume 8, application ref: 8.9) states that a piling risk assessment will be undertaken if piles are to be used for the construction of Onshore Converter Station(s) to keep in line with the Environment Agency's Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention (Environment Agency, 2001). | | | | | | | • | | DCO Requirement 19 | • | applicable). Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of |
| CO39 Onshore | • | | Storage of Chemicals | The OPPP, Appendix D of the OCoCP (Volume 8, application ref: 8.9) , will include specific measures relevant to the storage of fuels, oils, lubricants, waste water and other chemicals during the works. | | | | | | | , | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Construction Practice |
| CO40 Onshore | • | | Cable routing | The route of the Onshore Export Cable Corridor has been determined as part of a detailed site selection process (see Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4)). The route of the Onshore Export Cable Corridor has been designed to avoid potential sources of contamination (e.g. landfills) and built environment receptors (e.g. residential and commercial properties) where possible. Route refinement in the area of Long Riston to avoid identified sand and gravel resources which are the subject of an ongoing planning application for continued extraction (see section 19.7). | | | | | | | | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| CO41 Onshore | • | | Piling Risk Assessment | A piling risk assessment would be undertaken if piles are to be used for the construction of Onshore Converter Station(s), in line with the Environment Agency's Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention (Environment Agency, 2001). | | | | | | | • | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of |
| C042 Onshore | • | | Foul Water Drainage | An Outline Drainage Strategy (Volume 8, application ref: 8.12) including detail on foul water drainage is submitted with the DCO application. | | | | | | | • | | DCO Requirement 16 | • | Relevant Planning Authority (in consultation with Lead Local Flood Authority and Environment Agency). | Volume 8, Outline Drainage Strategy (application ref: 8.12) |
| CO43 Onshore | • | | Emergency Response, flood Evacuation and Pollution Control Plan | Ine Flood Evacuation and Pollution Control Plan will be developed as part of the final CoCP, and would set out details of the emergency procedures in cases of spillages or leaks during construction. This will also include the Flood Evacuation measures, for those areas of works located in Flood Zone 2 and 3. | | | | | | | • | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of |
| C044 onshore | • | | Works Located in Flood Zone 2 and 3 | The Surface Water Management Plan and Soil Management Plan prepared prior to construction and included in the OCoCP (Volume 8, application ref: 8.9) will include measures for locations where soil storage in Flood Zones 2 and 3 is unavoidable. Where soil storage in Flood Zones 2 and 3 is unavoidable, spoil storage areas will be located such that they do not block of divert existing surface water flow paths. Topsoil and subsoil will be stored in separate stockpiles in line with DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites PB13298, or the latest relevant available guidance. Once the stockpile has been completed the area would be cordoned off with secure fencing to prevent any disturbance or contamination by other construction activities. If the soil is to be stockpiled for more than six months, the surface of the stockpiles should be seeded with a grass/clover mix or covered to minimise soil erosion. | ce | | | | | | • | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Volume 8, Outline Code of Construction Practice |

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| | | Relevant Proj | ect | | | | | | | | | | | | Commitment | Dogi | ger Bank South Offshore Wind Farms |
|------|--|-----------------------------------|---|--|--|--|--------------|---|---|---|-----------------------|--------------------------------|--------------------------------|--|--------------------------------------|--|--|
| Ref. | Onshore / Offshore / Overarching | nstruction action and Maintenance | Commitment Title | Commitment Detail | Selection and Selection and Sect Description Authodology Auttation Authorized Autation Authorized Autorized Autorize | ine Physical Processes as: thic and Intertidal and Shellfish | rine Mammals | Thsore Ornithology mmercial Fisheries pping and Navigation ation and Radar | ner Marine Users shore Archaeology and restrial Ecology and | ology and Land Quality od Risk and Hydrology nd Use | shore Archaeology and | ffic and Transport ise Quality | Economics urism and Recreation | How is Commitment Secured / Implemented? | ded Mitigation and Mitigation ring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C045 | Onshore | • Pre-Co Constr | Flood Defence Monitoring | Where the cable is crossing defences this will likely require monitoring to ensure there is no detrimental impact to defences (i.e. no settlement occurs as a result of trenchless techniques). This is to ensure that the standard of protection of defences is maintained and would be agreed with the Environment Agency prior to construction. | 4: Site 5: Proj | 8: Mari 9: Bent 10: Fis | 11: Ma | 12: Off 13: Co 14: Shi 15: Avi | 16:0tl 17:0fl 18:Tel | 19: Ge • 20: Flo 21: La | 22: On 23: La | 24:Tra 25: No 26: Air | Socio-l | DCO Requirement 19 | Embed Additic Monito | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C046 | Onshore | • | _ | An Outline Public Rights of Way Management Plan, is included in Appendix C of the OCoCP (Volume 8, application ref: 8.9) , and outlines the temporary management measures to be employed during the construction phases of the Projects. | | | | | | | • | | | DCO Requirement 24 | • | Relevant Planning Authority | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C186 | Onshore | • | | An Outline Public Rights of Way Management Plan, is included in Appendix C (Revision 2) of the OCoCP (Revision 2) (Volume 8, application ref: 8.9) [AS-094], and outlines the temporary management measures to be employed during the construction phases of the Projects. | | | | | | • | , | | | DCO Requirement 24 | • | Relevant Planning Authority | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C047 | Onshore | • | Site selection | The Projects have undergone an extensive site selection process which has involved incorporating environmental considerations in collaboration with the engineering design requirements. Land take has been minimised where possible, reducing sterile land parcels and aligning with field boundaries. | | | | | | • | , | | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C048 | Onshore | • | | A total of 18 areas were highlighted as areas of possible high archaeological significance from the Phase 1 geophysical surveys. These fed into route refinement and micro-siting of the Onshore Export Cable Corridor with a total of nine areas being totally or partially avoided within the final Onshore Development Area. | | | | | | | • | | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C049 | Onshore | • | Outline Onshore Written Scheme of Investigation (WSI) for onshore archaeology | An Outline Onshore WSI (Volume 8, application ref: 8.14) for onshore archaeology is submitted alongside the ES to accompany the DCO application. This document outlines the strategy to undertake additional programmes of survey and evaluation post-consent and will include a range of likely mitigation options and responses to be utilised under various scenarios. | | | | | | | • | | | DCO Requirement 18 | • | Relevant Planning Authority | Volume 8, Outline Onshore Written Scheme of Inverstigation (application ref: 8.14) |
| C050 | Onshore | • | Sequential build efficiencies | For the Sequential build of DBS East and DBS West, the cable ducts for both Projects will be laid as part of the first project. This will help reduce impacts associated with temporary change to the setting of designated and non-designated heritage assets along the Onshore Export Cable Corridor for the Sequential build scenario. | | | | | | | • | | | DCO Schedule 1 | • | N/A | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| C051 | Onshore | • | Application of mitigation through preservation by record. | Further advance and enacting of preservation in situ options and requirements (e.g. avoidance/micro-siting/HDD etc., where possible). Application of mitigation through preservation by record, which could include: Archaeological excavation: including subsequent post-excavation assessment, and analysis, publication and archiving; Archaeological monitoring/watching brief: including subsequent post-excavation assessment, and analysis, publication and archiving (where appropriate); and Earthwork Condition surveys: including subsequent reporting and archiving (followed by backfilling and reinstatement, where required on a case-by-case basis). | | | | | | | • | | | DCO Requirement 18 | • | Relevant Planning Authority | Volume 8, Outline Onshore Written Scheme of Inverstigation (application ref: 8.14) |
| C052 | Onshore | • | Archeological Monitoring | Monitoring requirements for onshore archaeology and cultural heritage, described in the Outline Onshore WSI (Volume 8, application ref: 8.14) submitted alongside the DCO application and would be further developed and agreed with stakeholders prior to construction and taking account of the final detailed design of the Projects, as secured in DCO Requirement 18. | | | | | | | • | | | DCO Requirement 18 | • | Relevant Planning Authority | Volume 8, Outline Onshore Written Scheme of Inverstigation (application ref: 8.14) |
| C053 | Onshore | • | Management of changes to the setting of designated heritage assets - Onshore | The Onshore Convertor Station(s) will be designed to reduce the overall height and massing of associated structures and other elements as far as possible. Landscape proposals will include measures for the enhancement of the landscape during the operational phase of the onshore substation. This will include landscape screening of the onshore substation such as hedgerow and woodland planting. | | | | | | | • | | | DCO Requirement 9 / 10 | • | Relevant Planning Authority | Volume 8, Design and Access Statement (application ref: 8.8) |
| C054 | Onshore | • | Pre-Construction Surveys | The Projects will include a programme of Geoarchaeological / Palaeoenvironmental surveys to inform any mitigation requirements. | | | | | | | • | | | DCO Requirement 18 | • | Relevant Planning Authority | Volume 8, Outline Onshore Written Scheme of Inverstigation (application ref: 8.14) |
| C055 | Onshore | • | Mitigation by site selection | The site selection process has included consideration of all designated heritage assets and has avoided any direct physical impacts upon designated heritage assets as part of the site selection process. The site selection process has also sought to avoid all direct physical impacts on non-designated and potential heritage assets, where possible, using the datasets available at the time of assessment. Where this has not been possible, site selection has been done to minimise direct impacts on known non-designated and potential heritage assets. | | | | | | | • | | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C056 | Onshore | • | Construction Methodology | The Onshore Export Cable would be completely buried underground for its entire length, with the exception of 205 manhole covers along the route measuring 2.5x4m each. Likewise, the installation of Offshore Export Cables at landfall would be undertaken by trenchless methods. | | | | | | | • | | | DCO Schedule 1 | • | N/A | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| C057 | Onshore | • | Site selection | The Onshore Substation Zone has been selected from a number of alternatives, with landscape and visual considerations being key factors in the selection process. | | | | | | | • | | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C058 | Onshore | • | 1 1 | The OCTMP (Volume 8, application reference 8.13) includes a commitment to submitting further assessment of traffic flows through sensitive junctions in advance of construction to inform an agreement whether further mitigation may be required. This approach was agreed with National Highways and Hull City Council, noting that there is significant traffic reassignment through the junctions currently and that there would be greater certainty regarding a number of the Projects' traffic variables, such as the origin of supply chain and employees. Any mitigation measures would be agreed with National Highways and Hull City Council to ensure that residual effects are not significant. Mitigation measures would be applied on a hierarchical basis with travel planning measures (e.g. use of minibuses or staggering shift times) being preferred to engineering measures (e.g. junction improvements). | | | | | | | | • | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). | |
| C059 | Onshore | • | Site selection | The Projects have undergone extensive site selection processes, incorporating environmental considerations in collaboration with the engineering design requirements. This included key principles and (but are not limited to) adhering to the the Horlock Rules for the Onshore Converter Stations and associated infrastructure. | | | | | | | | • | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C060 | Onshore | • | Crossing Public Rights of Way (PROW) | The Projects commit to only short-term temporary closures with short diversions lasting up to two months for the majority of crossings. Following completion of works, the footpaths will be restored to their original Condition (or improved) before reopening to the public. An Outline Public Rights of Way Management Plan (see Appendix C (Volume 8, application ref: 8.9)), submitted as part of the DCO application, outlines the health and safety requirements associated with the interactions of PRoW during construction, as well as the PRoW management methodologies that will be implemented. | | | | | | | | | • | DCO Requirement 24 | • | Relevant Planning Authority | Outline PROW Management Plan Appendix C of Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C061 | Onshore | • | EMF Risk Avoidance | The Projects will adopt and implement the International Commission on Non-ionizing Radiation Protection (ICNIRP) guidelines (ICNIRP, 1998) and Government voluntary Code of Practice on EMF public exposure (Department for Energy and Climate Change, 2012) in engineering considerations of cable specification and routing to avoid exceeding EMF health protection standards. | | | | | | | | | | DCO Schedule 1 | • | N/A | N/A |

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| Service of the servic | | | | | | | | | | | | | | | | Dog | ger Bank South Offshore Wind Farms |
|--|-----------------|---|-----------------------------|--|--|--|--|--|---|--|---|--|----------------------------|---|--|---|---|
| March Part | | Relevant Pro | ject | | ES Chapter where | commitm | nent ho | ıs been made | | | | | | | | | |
| | Ref. Offshore / | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation 8: Marine Physical Processes | 9: Benthic and Intertidal 10: Fish and Shellfish | 11: Marine Mammals 12: Offhsore Ornithology | 13: Commercial Fisheries14: Shipping and Navigation15: Aviation and Radar16: Other Marine Users | 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and Land Quality | 20: Flood Risk and Hydrology 21: Land Use | 22: Onshore Archaeology and 23: Landscape and Visual 24:Traffic and Transport | 25: Noise 26: Air Quality 27: Human Health | 29: Tourism and Recreation | How is Commitment Secured / Implemented? | Embedded Mitigation Additional Mitigation Monitoring | | Relevant Application Document(s) |
| Section 1 | C062 Onshore | • | Cable routing | (application ref: 7.4)). The route of the Onshore Export Cable Corridor has been designed to avoid potential sources of contamination (e.g. landfills) where possible. The Onshore Export Cable Corridor has been designed to avoid sensitive landscape elements, such as woodland, buildings and trees, where the loss of such features would be detrimental to | | | | | | | | • | | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| Section 1. Company of the company of | C063 Onshore | • | Site selection | | | | | | | | | | • | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| Fig. 1 and 1 | C064 Offshore | • | Use of scour protection | Where necessary, foundations will include scour protection which will minimise the amount of scour and sediment released/transported due to scour. | • | | | | | | | | | Cable Statement DML 1 & 2 - Condition 15 | • | | Volume 8, Outline Scour Protection Plan (application ref: 8.27) Volume 8, Cable Statement (application ref: 8.20) |
| 1 | C065 Onshore | • • | Reptiles | habitat. Habitat manipulation will be undertaken in order to discourage reptiles from the working area(s) with vegetation clearance cut in two stages under ECoW watching brief before each | | | | | • | | | | | | • | (in consultation with Natural | _ |
| Section 1. A contract of the section | C066 Onshore | • • | Management Plan | will include details of mitigation planting at the Onshore Converter Station site, including the location, number, species and details of management and aftercare maintenance of new | | | | | • | | | | | DCO Requirement 10 | • | Relevant Planning Authority | Volume 8, Outline Landscape Management Plan (application ref: 8.11) |
| Part | C067 Onshore | • • | | Agency prior to construction. Trenchless crossing methodologies entry and exit points will be located at least 20m from Environment Agency surface water courses or the landward toe of the Environment Agency surface | | | | | • • | • | • | | • | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural England, and IDB as | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| Activation of the control of the con | C068 Onshore | • • | Material Management Plan | materials are chemically suitable for use. If materials identified as containing asbestos are identified, then a specialist contractor should be employed to aid in its removal from site, in line with | | | | | • | | | | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| After a company of the company of th | C069 Onshore | • | Impact Assessment | already present. This would be undertaken in consultation with East Riding of Yorkshire Council. As with the MRA, this would be undertaken post consent and prior to the commencement of | | | | | • | | | | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| And the second control and an analysis in consideration and analysis in consideration and analysis in consideration and an analysis in consideration and analysis in | C070 Onshore | • | | | | | | | • | | | | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Construction Practice |
| Contract Contract Contract Contract Contract Plant (Contract P | C071 Onshore | • • | Management Plan | | | | | | • | • | • | | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| CO74 Onshore • • Project Limited Signature (CO74 Onshore • • Project Limited Signature (CO74 Onshore • | C072 Onshore | • | | | | | | | • | • | | | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural England and MMO as | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| Surface numbrated groundwarter flows. Surface numbrated groundwarter flows. Surface numbrated groundwarter flows. Surface numbrated groundwarter flows. The management of surface water on the onshore substations is described in the Outline Drainage Strategy (Volume 8, application ref. 8.13) . CO75 Onshore • • • Monitoring will be required to ensure the success of landscape restoration and mitigation planting proposals. The detail of proposed monitoring will be set out in Volume 8, Outline Locd Requirement 10 • Monitoring Monitoring Monitoring in Monitoring will be required to ensure the success of landscape Management Plan, to be developed post-consent. The Outline Landscape Management Plan (opplication ref. 8.11) would from the basis of a Landscape Management Plan, to be developed post-consent. This sets out committed mitigation in the has been identified as a result of the consensement of the Onshore Converter Stations, in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting to help screen or first in the form of vacadiand and hedge planting authority for first in the form of vacadiand and hedge planting authority for first in the proper value of the direct DCO (application ref. 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant form of the direct DCO (application ref. 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant form of the direct DCO Requirement 19 • CORRequirement 19 • CORRequirement 10 • D | C073 Onshore | • • | Project Dimensions | | | | | | | | • | • | | DCO Schedule 1 | • | N/A | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| Monitoring Will be required to ensure the success of landscape restoration and mitigation planting proposals. The detail of proposed monitoring will be set out in Volume 8 , Outline The Outline Landscape Management Plan (Oplime 8, application ref: 8.11) The Outline Landscape Management Plan (Oplime 8, application ref: 8.11) The Outline Landscape Management Plan (Oplime 8, application fref: 8.11) The Outline Landscape Management Plan (Oplime 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) The Outline Landscape Management Plan (Oblume 8, application fref: 8.11) This sets out committed mitigation that has been identified as a result of the assessment at the Onshore Converter Stations, in the form of woodland and hedge planting to help screen or filter views and integrates the proposal into the landscape. It also sets out how planting authority wolld be approved by the ERYC as the relevant planting authority. The Project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9) The Project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9) The Project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9) The Project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9) The Project will be requ | C074 Onshore | • • | | The management of surface water at the onshore substations is described in the Outline Drainage Strategy (Volume 8, application ref: 8.13) . | | | | | | • | | | | DCO Requirement 16 | • | (in consultation with Lead Local Flood Authority and | Volume 8, Outline Drainage Strategy (application ref: 8.12) |
| The Outline Landscape Management Plan (Volume 8, application ref: 8.11) would form the basis of a Landscape Management Plan, to be developed post-consent. This sets out committed mitigation that has been identified as a result of the assessment at the Onshore Converter Stations, in the form of woodland and hedge planting to help screen or Management Plan (OLMP) CO77 Onshore Onshore Onshore The Outline Landscape Management Plan (Volume 8, application ref: 8.11) would form the basis of a Landscape Management Plan, to be developed post-consent. This sets out committed mitigation that has been identified as a result of the assessment at the Onshore Converter Stations, in the form of woodland and hedge planting to help screen or filter views and integrate the proposal into the landscape. It also sets out how planting would be established and maintained. As defined in Requirement 10 of the draft DCO (application ref: 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant planning authority. Best practice dust management mitigation amongment mitigation of the project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9). The Outline Landscape Management Plan (Volume 1) and the properties of a Landscape Management Plan (Volume 1) and the properties of a Landscape Management Plan (Volume 1) and the properties of a Landscape Management Plan (Volume 1) and the planning Authority of the draft DCO (application ref: 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant of the planning Authority of the draft DCO (application ref: 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant of the draft DCO (application ref: 8.11). LMPs may be developed for different phases of the onshore works and would be approved by th | C075 Onshore | • • | Monitoring | | | | | | | | • | | | DCO Requirement 10 | • | Relevant Planning Authority | |
| CO77 Onshore | C076 Onshore | • | Management Plan | The Outline Landscape Management Plan (Volume 8, application ref: 8.11) would form the basis of a Landscape Management Plan, to be developed post-consent. This sets out committed mitigation that has been identified as a result of the assessment at the Onshore Converter Stations, in the form of woodland and hedge planting to help screen or filter views and integrate the proposal into the landscape. It also sets out how planting would be established and maintained. As detailed in Requirement 10 of the draft DCO (application ref: 8.11). LMPs may be developed for different phases of the onshore works and would be approved by the ERYC as the relevant | | | | | | | • | | | DCO Requirement 10 | • | Relevant Planning Authority | ref: 8.11) Volume 8, Outline Landscape Management Plan (application ref: 8.11) |
| | C077 Onshore | • | management mitigation | The Project will commit to the implementation of best practice dust mitigation measures as per the Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9). | | | | | | | | • • | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application ref: 8.13) is presented as part of the DCO Application. The OCTMP contain details of measures to control, monitor and enforce HGV movements and would provide details of the mechanisms for managing design of accesses and offsite highway works. Prior to the commencement of Construction, a Traffic Management Plan (CTMP) An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application. The OCTMP contain details of measures to control, monitor and enforce HGV movements and would provide details of the mechanisms for managing design of accesses and offsite highway works. Prior to the commencement of Construction, a Traffic Management Co-ordinator (TMCo) would be appointed with responsibilities to include: An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application. The OCTMP contain details of measures to control, monitor and enforce HGV movements and would provide details of the mechanisms for managing design of accesses and offsite highway works. Prior to the commencement of construction, a Traffic Management Co-ordinator (TMCo) would be appointed with responsibilities to include: An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application. The OCTMP closed is prior to the commencement of control, monitor and enforce HGV movements and would provide details of the mechanisms for managing design of accesses and offsite highway works. Prior to the commencement of control (TMCo) would be appointed with responsibilities to include: An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application. The OCTMP closed is prior to the commencement of control (TMCo) would be appointed with responsibilities to include: An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application Traffic Management Pla | C078 Onshore | • • | Management Plan | control, monitor and enforce HGV movements and would provide details of the mechanisms for managing design of accesses and offsite highway works. Prior to the commencement of construction, a Traffic Management Co-ordinator (TMCo) would be appointed with responsibilities to include: • Acting as a point of contact for the local community; • Sharing information with emergency and healthcare services, e.g. dates of any road closures, abnormal load movements, etc. | | | | | | | | • | | DCO Requirement 14 | • | (and National Highways / Hull | Traffic Management Plan |
| CO79 Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practicable means (BPM) Onshore Onstruction Practice (COCP) detailing site-specific best practice on the practice of the prac | C079 Onshore | • • | measures (human | | | | | | | | | • | | DCO Requirement 19 | • | (in consultation with Environment Agency, Natural | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |

| | | Relevant Proj | ect | | ES Chapter wh | nere comn | nitment has been made | | | Commit | tment | | ger Bank South Offshore Wina Farms |
|--------|--|---|---|---|---|---|---|---|--|--|------------|---|--|
| Ref. | Onshore / Offshore / Overarching | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation | 8: Marine Physical Processes 9: Benthic and Intertidal | 11: Marine Mammals 12: Offhsore Ornithology 13: Commercial Fisheries 14: Shipping and Navigation 15: Aviation and Radar 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and Land Quality 20: Flood Risk and Hydrology | 21: Land Use 22: Onshore Archaeology and 23: Landscape and Visual | 24: Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics 30: Climate Change Socio-Economics 30: Climate Change Appendix Noise Socio-Economics Appendix Noise A | Embedded Mitigation 6d Additional Mitigation | Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C080 (| Onshore | • • | Crossing Private Access Tracks | To avoid disruption to transport users whilst the Projects' Onshore Export Cables are installed under private access tracks, temporary road diversions would be established. This would be vide agreed diversion routes, via existing private tracks or a temporary access track within the DCO order limits. Further details are detailed in the Outline Code of Construction Practice (OCoC (application ref: 8.9) submitted as part of the DCO application. To avoid disruption to transport users whilst the Projects' Onshore Export Cables are installed under road and rail infrastructure, trenchless crossing techniques will be used at the following | | | | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C081 (| Onshore | • | Trenchless Crossing Techniques (e.g. HDD) | locations: • The railway line between Hull and Bridlington (to the north of Beverley); • All A and B roads (for the B1230 the option of trenching is retained); • Dunnington Lane; and | | | | | DCO Requirement 14 | • | | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). | • |
| C082 | Onshore | • • • | EMF: Information Sharing | • The following local roads: Cliff Road, Dunnington Lane; Meaux Lane; Eske Lane; and Newbald Road. The sharing with communities, particularly those in south Beverley near the Onshore Converter Stations, of non-technical summary information about EMF regulatory standards, the actual negligible EMF risks of the Projects. This information sharing to reduce uncertainty and support a shared understanding could be via a website and/or posted leaflets. Information relevant to HVDC would be included. | | | | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C084 (| Offshore | • | Trenchless Landfall | A trenchless burial technique will be used to install the Offshore Export Cables at the landfall for the Projects. Trenchless landfall exit pits will be located below MLWS | | • • | | | Description of work 8A/B | • | | Marine Management Organisation | N/A |
| C086 (| Offshore | • | Cable Protection | No surface cable protection will be used within the area between the subtidal exit pits and 350m seaward of MLWS. Cable protection will be limited to 10% of the cumulative length of all cables laid between 350m seaward of MLWS and the 10m depth contour as measured against the lowest astronomical tide before the commencement of construction. | | • • | | | DML 3 & 4 - Condition 3 | • | | Marine Management Organisation | N/A |
| C087 (| Offshore | • | Piling foundation types | For piled foundation types, such as monopiles and jackets with pin piles, pile-driving will be used in preference to drilling where it is practicable to do so (i.e. where ground conditions allow). This would minimise the quantity of sub-surface sediment released into the water column from the installation process. | | • | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation | N/A |
| C088 (| Offshore | • | Jack Up Vessels | Jack-up vessels and anchoring will not be used within the area of the 1km Construction Buffer Zone which overlaps with the Holderness Inshore MCZ or the Smithic Bank sandbank without agreement of MMO in consultation with Natural England. | | • | | | DML 3 & 4 - Condition 13 | • | | Marine Management Organisation | N/A |
| C089 (| Offshore | • | Route selection and micrositing | Route selection and micro-siting of the cables will be used to avoid areas of seabed that pose a significant challenge to their installation where practiceable, including for example areas of sand waves and megaripples. This will minimise the requirement for seabed preparation (levelling) and the associated seabed disturbance. | | • | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation | N/A |
| C090 (| Offshore | • | Cable Burial | The Applicants are committed to burying offshore export cables to 0.5-1.5m (depending on cable location) where practicable (subject to a cable burial risk assessment (see Volume 8, Cable Statement (application ref: 8.20)). | e | • • | | | Cable Statement DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation Maritime and Coastguard Agency Trinity House UKHO | Volume 8, Cable Statement (application ref: 8.20) |
| C091 (| Offshore | • | Pre-construction surveys and micro-siting | As secured through the DMLs in Volume 3 , Draft DCO (application ref: 3.1)), pre-construction surveys will be undertaken to determine the presence of potential Annex I / UK BAP Priority Habitats, habitat with suitability for sandeel, and / or surficial deposits of glacial till within the proposed wind turbine locations or the Offshore Export Cable Corridor. The pre-construction survey methodology would be agreed with the MMO in consultation with Natural England. The survey design would be based on best practice at the time and is anticipated to consist of a mixture of geophysical, drop-down video (DDV) and grab surveys (as applicable) to ensure a comprehensive ground-truthing of the proposed final wind turbine locations and cable route design. In initial geophysical surveys will be reviewed with DDV ground truthing surveys to confirm presence as appropriate. This shall then be used to inform detailed layout design in the design plan and will inform the mitigation scheme requirements. If potentially sensitive benthic features are identified, the results of the survey will be discussed at that time with the MMO and Natural England to agree whether the features constitute Anne I / UK BAP Priority Habitat features, habitat with suitability for sandeel, and / or surficial deposits of glacial till and whether they are required to be avoided through micro-siting. No benthic sampling is proposed for the section of the Offshore Export Cable Corridor that lies outside the Dogger Bank SAC. | x | • | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | | Marine Management Organisation | Volume 8, In Principle Monitoring Plan (application ref: 8.23) |
| C092 (| Offshore | • | Minimise use of scour and external cable protection | Following industry best-practice the Applicants will seek to minimise the use of scour protection and external cable protection for any stretches of unburied cables and cable crossings. This presented in two Cable Burial Risk Assessments and secured in Cable Protection Plans, produced in line with the detail outlined in Volume 8 , Cable Statement (application ref: 8.20) that he been submitted with the DCO application, and which will be updated in accordance with Conditions attached to the Deemed Marine Licences (DMLs) in Volume 3 , Draft DCO (application ref: 8.27) that has been submitted with the DCO application, and which will be updated in accordance with Conditions attached to the DMLs in Volume 3 , Draft DCO (application ref: 8.27) that has been submitted with the DCO application, and which will be updated in accordance with Conditions attached to the DMLs in Volume 3 , Draft DCO (application ref: 3.1) . | as | • | | | Scour Protection Plan Cable Statement DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 | • | | Marine Management Organisation | Volume 8, Outline Scour Protection Plan (application ref: 8.27) Volume 8, Cable Statement (application ref: 8.20) |
| C095 (| Offshore | • | Soft-start and ramp-up for piling activities | Each piling event would commence with a soft-start at a lower hammer energy followed by a gradual ramp-up for at least 20 minutes to the maximum hammer energy required (the maximum hammer energy is only likely to be required at a few of the piling installation locations). | | | • | | Marine Mammal Mitigation Protocol for Piling DML 1 & 2 - Conditions 15 & 20-22 DML 3 & 4 - Condition 13 & 18-20 | | | Marine Management Organisation | Volume 8, Outline Marine Mammal Mitigation Protocol (application ref: 8.25) |
| C096 (| Offshore | • | JNCC Guidelines | Mitigation will be required for the following activities, and will use the relevant JNCC guidelines as standard (the relevant guidelines are noted below): • UXO clearance o Following the JNCC guidelines for minimising the risk of injury to marine mammals from using explosives (JNCC, 2025) • Piling o Following the Statutory nature conservation agency protocol for minimising the risk of injury to marine mammals from piling noise (JNCC, 2010) | | | • | | DML 1 & 2 - Conditions 15 & 20-22 DML 3 & 4 - Condition 13 & 18-20 | • | | Marine Management Organisation | Volume 8, Outline Marine Mammal Mitigation Protocol (application ref: 8.25) |
| C098 (| Onshore | • | Drilling Fluid Breakout Management Plan | A Drilling Fluid Breakout Management Plan will be agreed with the Environment Agency prior to commencement of construction activities. | | | • | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |

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|------|--|----------------------|-----------|--|---|--|--------------------------------|--|---|--|--------------------------------------|-------------------------|--|--|-----------|------------|---|
| Ref. | Onshore / Offshore / Overarching | Phase ion | t Project | Commitment Title | Commitment Detail | Description Sample Samp | ation where sees and brocesses | and Intertidal and Shellfish be Mammals ore Ornithology lercial Fisheries ing and Navigation and Language ore of the second seco | on and Radar Marine Users appropriate Archaeology and | gy and Land Quality Risk and Hydrology | cape and Visual | ality | n Health nomics m and Recreation | How is Commitment Secured / Implemented? | Type | Mitigation | Decision Maker / Relevant Application Authority Document(s) |
| C099 | Onshore | Pre-Const Construct | Operation | Ponds | All ponds identified during the route planning and site selection process have been avoided where possible. | 4: Site Sel | 7: Consult 8: Marine | 9: Benthic 10: Fish a 11: Marin 12: Offhse 13: Comr | 15: Aviati 16: Other 17: Offsha | • 18: Terres 19: Geolo 20: Flood 21: Land | 22: Unsno 23: Lands 24:Traffic | 25: Noise 26: Air Qu | Socio-Eco | DCO Requirement 12 | • Embedde | Additiona | Relevant Planning Authority (in consultation with Natural England and Environment Volume 8, Outline Ecological Management Plan (application |
| C100 | Onshore | • | | Construction Lighting | Construction site lighting will only operate when required and will be positioned and directed to avoid unnecessary illumination to residential properties, sensitive ecological receptors, 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 final Code of Construction Practice Practice. | | | | | • | | | | DCO Requirement 19 | • | | Agency, as appropriate) Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). Relevant Planning Authority Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C101 | Onshore | • | | Outline Code of Construction Practice (OCoCP) | The OCoCP (Volume 8, application ref: 8.9) outlines the control measures and standards that will be implemented to control the impacts on the environment. | | | | | • • • | • | | • | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C102 | Onshore | • | | Outline Site Waste Management Plan (OSWMP) | Waste will be managed in line with the Outline Site Waste Management Plan (OSWMP) Appendix A of the OCoCP (Volume 8, application ref: 8.9) . The OSWMP will be refined as part of the detailed CoCP(s) approved upon appointment of a Principal Contractor(s) and details measures for ensuring compliant and best practice management of waste on site during construction. | | | | | • | | | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C103 | Onshore | • | | Temporary access across watercourses | Temporary bridges (e.g. Bailey bridges or similar) may be used as options to traverse watercourses where direct access is not readily available from both sides. Selection of cable crossing technique for all watercourses (including Internal Drainage Board (IDB) drains) will be dependent on local site Conditions and may include the use of temporary culverts. In line with Environment Agency consultation, where possible clear span crossings would be used at crossing points. If culverts are needed, they will be adequately sized to avoid impounding flows (including allowing for increased winter flows as a result of climate change) and the invert set below bed level to allow bedload transport. | | | | | • | | | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C104 | Onshore | • | | Haul road | A temporary haul road would be used to provide safe access for construction vehicles along the Onshore Export Cable Corridor, thus reducing the requirement for vehicles to travel via the public highway. The Applicants have committed to sharing a Haul Road and construction accesses for both Projects in order to minimise physical disturbance. | | | | | • | • | | • | DCO Schedule 1 | • | | N/A Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C105 | Onshore | • | | Land Owner Consultation | In order to reduce conflicts, appropriate planning and timings of works would be discussed with landowners and occupiers. | | | | | • | | | | DCO Requirement 19 | | • | Volume 8, Outline Code of N/A Construction Practice (application ref: 8.9) |
| C106 | Onshore | • | | Land Owner Agreements | Private agreements (or compensation in line with the compulsory purchase completion code) will be sought with relevant landowners / occupiers (including those whose land has been severed). | | | | | • | | | | DCO Schedule 7 | | • | N/A N/A |
| C107 | Onshore | • | | Farm Access | Wherever practicable, access to severed land for farm vehicles would be maintained subject to individual agreements with landowners and occupiers. Where necessary, crossing points would be agreed pre-construction, as secured in DCO Requirement 19. It is however, acknowledged that in some instances it may not be possible to maintain access to all severed land (e.g. isolated areas of the haul road shown as loops on the plans of Works Plan (Onshore) (Revision 4) [document reference 2.6] (see, for example, for example, pages 4, 5 and 10)). In these instances, the land owners would be financially compensated as these areas may be in inaccessible for the full duration of the construction works. | | | | | • | | | | DCO Requirement 19 | • | | Relevant Planning Authority (in consultation with landowner) Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C108 | Onshore | • | | Management of changes to the setting of designated heritage assets - traffic | Traffic management and movement of construction traffic and machinery will be temporary and localised, and managed through the CTMP. | | | | | | • | | | DCO Requirement 14 | | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C109 | Onshore | • | | Design and Access Statement | The Design and Access Statement (Volume 8, application ref: 8.8) sets out the design principles that would be applied to the detail design of the Projects. This would ensure that a sense of place is considered and integrated throughout the design process and adverse environmental effects are mitigated where possible whilst respecting Landscape Character. | | | | | | • | | • | DCO Requirement 9 | • | | Relevant Planning Authority Volume 8, Design and Access Statement (application ref: 8.8) |
| C110 | Onshore | • | | Hedgerows and tree reinstatement | The Onshore Export Cable Corridor has been designed to minimise loss of hedgerows by utilising existing gaps in hedgerows, where possible. The Onshore Export Cable Corridor design included reducing the width of the cable route corridor at hedgerow crossings to the minimum amount required to enable construction of trenches and the haul road. The width of hedgerow crossings for the worst case scenario would be 24m for the Onshore Export Cable Corridor and 34m for the Onward Cable Connection to the Proposed Birkhill Wood National Grid Substation, as described in Volume 7 , Chapter 5 Project Description (application ref: 7.5) . Likewise, the Onshore Export Cable Corridor has been designed to avoid trees and woodland as far as practicably possible and would use trenchless crossings to minimise effects on existing areas of woodland. The Projects are committed to replacement of all trees or hedges that are lost. New trees cannot be planted directly over the cables, however, would be replaced in locations informed by future arboricultural surveys. Replacement would take place as soon as is practicable after installation of the cables. Trees and hedges which are removed would be replaced with more diverse and locally native species composition than those removed. Where appropriate, the replacement works would seek to deliver landscape and / or biodiversity enhancements. Retained trees and other vegetation would be protected during the works in accordance with British Standard BS 5837:2012, as set out in the OLMP (Volume 8, application ref: 8.11) . | | | | | | • | | | DCO Requirement 10 | • | | Volume 8, Outline Landscape Relevant Planning Authority Management Plan (application ref: 8.11) |
| C111 | Onshore | • | | Jillywood Farm access | Access to the onshore cable export corridor via access AC17 (West) would use the same junction from the A165 as Jillywood Farm (shown in Volume 7, Figure 24-2 (application ref: 7.24.1)). The existing access is identified to be wide enough to allow two LVs to pass slowly but would not be wide enough to allow two HGVs to pass. The link also forms part of a PRoW and bridleway. To accommodate the Projects' traffic, the road and junction with the A164 would be widened and users of the PRoW and bridleway would be segregated from construction traffic. Alternatively, an escort vehicle could be used to guide HGVs along the link and hold back conflicting traffic, including pedestrians / equestrians. | | | | | | • | | | DCO Requirement 14 | • | | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C112 | Onshore | • | | Strategy for Access | An access strategy has been developed that seeks to reduce the impact of HGV traffic upon the most sensitive communities and to minimise travelling via narrow roads. The access strategy would be facilitated by: • The construction of a temporary haul road haul road along the onshore export cable route; • The creation of vehicle crossovers; and • Controls on vehicle routing. | | | | | | • | | • | DCO Requirement 14 | • | | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C113 | Onshore | • | | Construction Traffic Management Plan (CTMP) | An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application ref: 8.13)) has been submitted alongside the DCO application. The OCTMP contains details of measures to control, monitor and enforce HGV movements and provides details of the mechanisms for managing design of accesses and offsite highway works. The OCTMP (Volume 8, application ref: 8.13) also includes 'Travel Plan' measures to manage the number of single occupancy car trips. | | | | | | • | | | DCO Requirement 14 | • | | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C114 | Onshore | • | | Traffic monitoring | The OCTMP (Volume 8, application ref: 8.13) provides details of the proposed approach to monitoring of traffic movements associated with the construction of the Projects. | | | | | | • | | | DCO Requirement 14 | | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C115 | Onshore | • | | Trenchless crossing technology e.g. horizontal directional drilling (HDD) | To avoid disruption to transport users whilst the Projects' Onshore Export Cables are installed under road and rail infrastructure, by a trenchless crossing technology will be used at the following locations and shown on Volume 7 , Figure 24-3 (application ref: 7.24.1) : • The railway line between Hull and Bridlington (to the north of Beverley); • All A and B roads; and • The following local roads: Cliff Road, Dunnington Lane; Meaux Lane; Eske Lane; and Newbald Road. | | | | | | • | | | DCO Requirement 14 | • | | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |

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| | | Relevant | Project | | | | | | | | | | | | Commitmen | Bogger Bank South Onshore Wind Furnis |
|------|--|-------------------------------|---|--|---|--|--|------------------------|--|--|------------------------------------|------------------|--|--|--|--|
| Ref. | Onshore / Offshore / Overarching | Pre-Construction Construction | Operation and Maintenance Decommissioning | Commitment Title | Commitment Detail | 4: Site Selection and Site Selection and Site Selection and Site Selection Site S | 6: EIA Methodology 7: Consultation 8: Marine Physical Processes 9: Benthic and Intertidal 10: Fish and Shellfish 11: Marine Mammals 12: Offhsore Ornithology | : Commercial Fisheries | : Aviation and Radar : Other Marine Users | 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and Land Quality 20: Flood Risk and Hydrology 21: Land Use 22: Onshore Archaeology and 23: Landscape and Visual | 24:Traffic and Transport 25: Noise | 27: Human Health | Socio-Economics 29: Tourism and Recreation | How is Commitment Secured / Implemented? | Embedded Mitigation ad Additional Mitigation | Decision Maker / Relevant Application Document(s) Logical Decision Maker / Relevant Application Document(s) |
| C116 | Onshore | • | | Onshore cable export corridor, accesses AC10, AC12 and AC14, vehicle routeing | , To avoid HGV construction traffic being routed from the north, vehicles accessing these accesses would travel via the A1035 and travel from the south. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C117 | Onshore | • | | Onshore Converter Station(s) access vehicle routeing strategy | To avoid HGV construction traffic using narrow roads within the local road network and impacting upon sensitive communities, access to the onshore converter station(s) would be served directly from the A1079. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C118 | Onshore | • | | Onshore cable export corridor, accesses AC5, AC7, AC8, AC9, AC11, AC13 vehicle routeing strategy | To avoid HGV construction traffic using narrow roads within the local road network, these accesses will be served directly from main A-roads, namely the A164, A165, A1035, A1079 and | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C119 | Onshore | • | | Landfall AC1 vehicle routeing strategy | To avoid the necessity for HGVs to travel through Atwick and Hornsea on the B1242 towards the landfall access, HGVs would be routed via the B1242 and B1249 from the main A165. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C120 | Onshore | • | | Onshore cable export corridor, AC2, AC3 and AC4 vehicle routeing strategy | To avoid the necessity for HGVs to travel via Hornsea and Atwick towards these accesses, HGVs would be routed from the main A165 east towards the accesses. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C121 | Onshore | • | | Vehicle Crossover | To avoid vehicle access via sensitive locations, no direct access would be provided to the Onshore Export Cable Corridor, and vehicles would only be permitted to cross the highway. The proposed access strategy is described in detail within the TA (Volume 7, Appendix 24-2 (application ref: 7.24.24.2)) and shown on Volume 7, Figure 24-2 (application ref: 7.24.1). | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C122 | Onshore | • | | Park Lane Crossing | To minimise disruption to transport users whilst the Projects' Onshore Export Cables are installed under Park Lane, access would be maintained via either the use of trenchless crossing technology e.g. HDD or temporary road diversions/road widening within the DCO Order Limits. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C123 | Onshore | • | | Traffic - Amenity impacts - Links 5, 6, 14, 16, 17, 53, 76 | To mitigate potentially significant amenity effects along links 5, 6, 14, 16, 17, 53 and 76 the OCTMP (application reference: 8.13) contains a commitment to manage HGV trips along these, links to levels where significant effects would not occur. The OCTMP also includes additional controls to restrict HGV trips via links 5 and 6 during school start and finish times. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C124 | Onshore | • | | Driver Delay - Road Closures (Catfoss Road) | To mitigate potentially significant driver delay effects along Catfoss Road the OCTMP (application reference: 8.13) contains a commitment to either use of trenchless crossing technology e.g. HDD or alternatively to temporarily widen the road to allow shuttle working. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C125 | Onshore | • | | Driver Delay (Links 7, 8, 11, 58, 73) | To mitigate potentially significant driver delay effects the OCTMP (application reference: 8.13) contains a commitment to: Link 7: Extension of existing passing places or the use of an escort vehicle. Link 8: New passing places or the use of an escort vehicle. Link 11: Localised road widening or the use of an escort vehicle. Link 58: Road widening or the use of an escort vehicle. Link 73: New / widening of passing places or the use of an escort vehicle. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C126 | Onshore | • | | Driver Delay | To mitigate potentially significant driver delay effects through junctions 14 to 17 the OCTMP (Volume 8, application reference: 8.13) contains a commitment to manage employee trips through these junctions during the network peak hours. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C127 | Onshore | • | | Road Safety - Link 17 | To mitigate potentially significant road safety effects along Link 17 the OCTMP (Volume 8, application reference: 8.13) contains a commitment to reduce HGV trips along this link. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C128 | Onshore | • | | Road Safety - Link 76 | To mitigate potentially significant road safety effects along Link 76 the OCTMP (Volume 8, application reference: 8.13) contains a commitment to reduce HGV trips along this link. The OCTMP also includes additional commitments to enhanced driver inductions. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C129 | Onshore | • | | Construction road traffic noise | An Outline Construction Traffic Management Plan (OCTMP) (Volume 8, application ref: 8.13) is submitted with the DCO application. The plan outlines methods to manage peak construction traffic flows and minimise significant traffic and transport impacts. The CTMP will also serve to reduce the associated construction traffic noise and the relative noise change. | | | | | | • | | | DCO Requirement 14 | • | Relevant Highway Authorities (and National Highways / Hull City Council (if appropriate)). Volume 8, Outline Construction Traffic Management Plan (application ref: 8.13) |
| C130 | Onshore | • | | Construction Noise Monitoring | Construction noise and vibration will be monitored in line with the CoCP, which will outline the noise and vibration monitoring measures for the construction phase, as well as procedures for dealing with complaints and managing potential exceedances of relevant noise and vibration criteria. H156 | | | | | | • | | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C131 | Onshore | • | | Noise screening | Further screening of noise: Localised screening around specific equipment is included within the numerical noise predictions used in this assessment. Where practicable, further screening in the form of noise barriers at the site boundary or in proximity to the affected properties will be used (e.g. between the HDD works area at crossing ID-00003 and R3). | | | | | | • | | | DCO Schedule 1 | • | N/A N/A |
| C132 | Onshore | • | | Acoustic enclosures for stationary plant and noise barriers at trenchless crossing locations | Localised screening will be employed, where required and practicable, via acoustic enclosures for stationary plant and noise barriers around works area for mobile plant, as secured through the OCoCP (Volume 8, application ref: 8.9). The effect of localised screening has been included in the construction noise predictions. | | | | | | • | | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). Volume 8, Outline Code of Construction Practice (application ref: 8.9) |

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| Re Ph | elevant Proje hase | ect | | ES Chapter w | vhere comm | nitment | has been made | | | | | Commitment Type | | |
| Onshore / Ref. Offshore / Overarching | Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology | B: Marine Physical Processes 9: Benthic and Intertidal | 10: Fish and Shellfish 11: Marine Mammals | 13: Commercial Fisheries 14: Shipping and Navigation 15: Aviation and Radar 16: Other Marine Users | 18: Terrestrial Ecology and 19: Geology and Land Quality 20: Flood Risk and Hydrology 21: Land Use | 22: Onshore Archaeology and 23: Landscape and Visual | 24:Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics | How is Commitment Secured / Implemented? | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C133 Onshore | • | Outline Code of Construction Practice (OCoCP) | Prior to the commencement of construction, noise management measures will be detailed in a Code of Construction Practice (CoCP) detailing site- including specific best practicable means (BPM) noise control measures to be adopted throughout construction. An Outline CoCP (OCCP) (Volume 8, application ref: 8.9) is submitted with the DCO application. Mitigation measures have been identified and adhered to, including, but not limited to: • Ensuring plant and machinery is turned off when not in use; • Using modern, quiet equipment and ensuring such equipment is properly maintained and regularly inspected; • Locate noise generating plant at a low level and as distant as possible from NSRs; • Plant to operate at low speeds, where possible, and incorporate automatic low-speed idling; • Locate site entrances and exits to prevent the need for vehicles to reverse and also minimise impacts upon sensitive receptors; • Consideration to be given to temporary screening or enclosures for static noisy plant to reduce noise emissions and plant should be certified to meet any relevant EC Directive standards; • Informing local receptors about the construction works, including the timing and duration of any particularly noisy elements; and • Implement a grievance mechanism (e.g. complaint procedure) for local receptors to report nuisance and other issues, including contact details for a site representative during construction hours. • Consideration of programming of noisy activities to minimise adverse effects where practicable. | | | | | | | • | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England and MMO as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |
| C134 Onshore | • | Noise - Programming o works | Programming of works: The effect of night-time construction will be minimised by ensuring that HDD at crossings ID-00003 (R3), ID-00064 (R19) and ID-00129 (R43, R66) are programmed to avoid times of the year when the climate is warmer (e.g. summer) and residents may open windows at night to avoid overheating. When windows are closed, noise levels inside dwellings will be significantly reduced. | | | | | | | • | DCO Schedule 1 | • | N/A | N/A |
| C135 Onshore | • | NRMM mitigation measures | The following mitigation measures specific to NRMM will be outlined within the Project's Outline Code of Construction Practice (OcoCP) (Volume 8, application ref: 8.9) which will be available as part of the statutory consultation and will be secured within the final CoCP submitted post-consent. NRMM and plant should be well maintained. If any emissions of dark smoke occur, then the relevant machinery should cease operation immediately, and any problem rectified. In addition, the following controls should apply to NRMM: • All NRMM should use fuel equivalent to ultralow sulphur diesel (fuel meeting the specification within EN590:2004) where practicable; • All NRMM should comply with the appropriate NRMM regulations; • All NRMM would be fitted with Diesel Particulate Filters (DPF) conforming to defined and demonstrated filtration efficiency (load/duty cycle permitting); • The ongoing conformity of plant retrofitted with DPF, to a defined performance standard, should be ensured through a programme of onsite checks; and • Fuel conservation measures should be implemented, including instructions to (i) throttle down or switch off idle construction equipment; (ii) switch off the engines of trucks while they are waiting to access the site and while they are being loaded or unloaded and (iii) ensure equipment is properly maintained to ensure efficient fuel consumption. Consideration would also be given to the siting of NRMM within the working area. Where practicable, locating generators and plant at the greatest distance from receptors will reduce the potential for air quality effects. | | | | | | | • | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Construction Practice |
| C136 Onshore | • | Management of new and or historic contamination | An Outline Code of Construction Practice (OCoCP) (Volume 8, application ref: 8.9) is submitted as part of the DCO application, will be developed into a Code of Construction Practice which will be adhered throughout construction. The CoCP will be regularly reviewed and updated post consent, prior to and during the construction period. The CoCP will be informed by the findings of pre-construction site investigation and will include an assessment of the potential risks to human health and controlled waters receptors from the Projects. Based on that risk assessment appropriate working methods would be developed to avoid, minimise or mitigate impacts relating to construction. The risk mitigation strategies incorporated into the OCoCP (Volume 8, application ref: 8.9) include: • Appropriate Personal Protective Equipment (PPE); • Provision of welfare facilities; • Monitoring of works including air quality and odour; and • Implementation of relevant good working practices applied including stockpile management and dust suppression activities to reduce the risk relating to the creation and inhalation of wind blown dusts. In addition, a plan for dealing with unexpected contamination will be developed as part of the CoCP. This plan would also incorporate the Environment Agency best practice guidelines for pollution prevention. | - | | | | | | • | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England, as applicable). | Construction Practice |
| C137 Onshore | • | Offshore platform | Any proposed offshore platform (including those in the offshore export cable route and in the more distant Array Areas) will be over 52km from the landfall point, and over 37km from the closest location on land (Flamborough Head). It will therefore not have likely significant effects on onshore receptors. | | | | | | | • | DCO Schedule 1 | • | N/A | Volume 7, Chapter 4 Site Selection and Assessment of Alternatives (application ref: 7.4) |
| C138 Overarching | • | Workforce managemen measures | Workforce management measures including appropriate communicable disease prevention measures to safeguard the project workforce and the public in line with Government guidance of the day, including in relation to vessel crews, and commitment to appropriate occupational health services is detailed in the Volume 8, Outline PEMP (application ref: 8.21) and the Volume 8, Outline Code of Construction Practice (application ref: 8.9). | | | | | | | • | Project Environmental Management Plan DCO Requirement 19 DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Code of Construction Practice (application ref: 8.9) Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C139 Onshore | • | Trenchless Crossings - Landfall | Adopting trenchless crossing techniques (e.g. Horizontal Directional Drilling (HDD)) at landfall to allow continued beach access while works take place. | | | | | | | - | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C140 Onshore | • | Outline Landscape Management Plan (OLMP) | The Outline Landscape Management Plan (Volume 8, application ref: 8.11) would form the basis of a Landscape Management Plan, to be developed post-consent. It is anticipated that this would set out details of mitigation planting, including number, location, species, and details of management and maintenance of planting. This involves mitigation in the form of woodland and hedge planting to screen or filter views of the Onshore Convertor Stations. This measure mitigates against any indirect effects on tourism and recreation assets. | 1 | | | | | | • | DCO Requirement 10 | • | Relevant Planning Authority | Volume 8, Outline Landscape Management Plan (application ref: 8.11) |
| C141 Onshore | • | Trenchless Crossings | To avoid disruption to transport users the Projects' Onshore Export Cables would be installed under road and rail infrastructure, by a trenchless crossing technology e.g. HDD. | | | | | | | • | DCO Schedule 1 | • | N/A | Volume 2, Works Plans (Onshore) (application ref: 2.6) |
| C142 Offshore | • | Sediment Removal | Any sediment removed from within the Dogger Bank Special Area of Conservation during construction of the authorised scheme must be disposed of within that part of the Dogger Bank Special Area of Conservation which falls within the Order limits | | | | | | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 6, Report to Inform Appropriate Assessment Habitat Regulations Assessment Part 2 of 4 (application ref: 6.1) |
| C143 Offshore | • | Traffic monitoring | Monitoring of vessel traffic will be undertaken for the duration of the construction phase and during the first three years of the operation and maintenance phase. This would be secured through carrying out vessel traffic monitoring in accordance with the Outline Vessel Traffic Monitoring Plan (application ref: 8.30). | | | | • | | | | Marine Traffic Monitoring Plan DML 1 & 2 - Conditions 19 & 20 DML 3 & 4 - Conditions 21 & 22 DML 5 - Conditions 15 & 16 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Outline Vessel Traffic Monitoring Plan (application ref: 8.30) |

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| Onshore / Ref. Offshore / Overarching | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation wh | 8: Marine Physical Processes and 9: Benthic and Intertidal mand Shellfish | 11: Marine Mammals and 12: Offhsore Ornithology | 13: Commercial Fisheries and 14: Shipping and Navigation and Radar 15: Aviation and Radar 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and 19: | 20: Flood Risk and Hydrology 21: Land Use | 22: Onshore Archaeology and 23: Landscape and Visual | 24:Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics 29: Tourism and Recreation 30: Climate Change Socio-Economics Socio- | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C144 Offshore | • • | Guard Vessels | Where deemed appropriate by risk assessment, guard vessels would be used to ensure adherence with Safety Zones or advisory passing distances in line with the requirements of MGN654 | | | | • | | | DML 1 & 2 - Condition 15 & 18 DML 3 & 4 - Condition 13 & 16 DML 5 - Condition 11 & 12 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | N/A |
| C145 Onshore | • | Habitat loss | Habitats between Jointing Bays will have topsoil and subsoil reinstated within two years from the start of construction i.e. from the point at which habitat is removed from any one area. Areas allocated for Temporary Construction Compounds (TCCs) and Haul Roads will be reinstated when construction has been completed. Permanent habitat loss has been minimised during the site selection and route refinement process of the Projects, with the most sensitive habitats, being avoided where possible. | | | | • | | | DCO Requirement 12 | • | Relevant Planning Authority (in consultation with Natural England and Environment Agency, as appropriate) | IVOILIME & CHITINE ECOLOGICAL I |
| C146 Onshore | • • | Operational Lighting | Operational lighting at the Onshore Converter Stations would be designed in accordance with latest guidance and legislation. The details of the location, height, design and luminance of lighting to be used would be provided as part of detailed design for the Onshore Converter Stations. No permanent night-time lighting would be required. Security lighting will be installed as agreed in the written scheme for the management and mitigation of artificial light emissions during the operation. | | | | • | | • | DCO Requirement 22 | • | Relevant Planning Authority | Volume 8, Design and Access Statement (application ref: 8.8) |
| C147 Onshore | • | Trees | Where possible trees within the Onshore Development Area will be retained. Trees identified to be retained will be fenced off and root protection zones established according to best practic and professional advice. Where this is not possible, any trees that require removal would be replanted in a suitable location within the Onshore Development Area, but not directly over the Onshore Export Cables. Tree surveys across the whole Onshore Development Area have been undertaken early 2024 in accordance with the British Standard 5837:2012 Trees in Relation to Design, Demolition a Construction. An Arboricultural Impact Assessment (AIA) has also been will be undertaken produced and will be updated prior to construction to incorporate any changes to design if require | nd | | | • | | | DCO Requirement 12 | • | Relevant Planning Authority (in consultation with Natural England and Environment Agency, as appropriate) | IVALIMA X CILITINA FCAIAGICAL I |
| C148 Offshore | • | Mitigation in line with The Crown Estate's Round 4 Plan | Although not considered mitigation, the following commitments have been made by the Applicants in line with the conclusions of The Crown Estate's Round 4 Plan Level Habitats Regulatio Assessment (HRA) (The Crown Estate, 2022): • The use of gravity base structures and suction caisson monopile foundations have been removed as foundation options within the boundary of the Dogger Bank SAC; and • A maximum 10% of cable length within the Dogger Bank SAC may use remedial protection measures. | ıs | • | | | | | DML 3 & 4 - Condition 3 | • | Marine Management Organisation | N/A |
| C149 Onshore | • | Operation and Maintenance (O&M) Manual | Following the completion of construction works, details of the residual risks present within the Onshore Development Area identified during construction, will be handed to the Applicants by the Principal Contractor for inclusion in an operation and maintenance (O&M) manual. Maintenance workers that are required to undertake ground excavations during the operation of the Projects would be provided with the information contained within the O&M manual regarding the nature of ground Conditions within each area so that they can develop site and task specific risk assessments and method statements with their recommendations being implemented. An Emergency Response Plan (ERP) (or similar) would be developed and recorded within an O&M manual, this would include standard mitigation measures for cable repair / maintenance works and at the Onshore Converter Station(s), including: all fuels, oils, lubricants, and other chemicals would be stored in an impermeable bund with at least 110% of stored capacity and the requirement for pill kits on site. An ERP would outline the mitigation measures to be undertaken in the event of an uncontrolled release of hazardous materials. | | | | • | | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natura England and MMO as applicable). | Volume 8, Outline Code of |
| C150 Onshore | • | Management of changes to the setting of designated heritage assets - landscaping | LA langscape scheme will be developed to secure the restoration and, where possible, enhancement of the langscape post-construction | | | | | | • | DCO Requirement 10 | • | Relevant Planning Authority | Volume 8, Outline Landscape Management Plan (application ref: 8.11) |
| C151 Onshore | • | Operational Noise Monitoring | Requirement 21 of the D raft DCO (Volume 3, application ref: 3.1) would require a noise management plan for the control of noise during the operational phase of the Projects to be prepared and implemented. This would require an assessment of operational noise to be carried out, and a scheme for monitoring noise levels to be set out. | | | | | | | DCO Requirement 21 | • | Relevant Planning Authority | Volume 7, Chapter 25 Noise (application ref: 7.25) |
| C152 Offshore | • | Monitoring | Post-construction monitoring may also be required to assess any changes to sediment cover across the Offshore Archaeology Study Area which may result in the exposure or burial of heritage assets, which may affect their long term preserva-tion (see Impact 3: Indirect impact to heritage assets from changes to physical processes). This requirement may be triggered should monitoring during the Projects lifetime show greater than anticipated changes in marine physical processes. The approach to post-construction monitoring is set out in Volume 8 , Outline WSI (Offshore) (application ref: 8.22) . | | | | • | | | Written Scheme of Investigation (Offshore) DML 1 & 2 - Condition 22 DML 3 & 4 - Condition 20 DML 5 - Condition 16 | • | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C153 Offshore | | | One or more offshore Decommissioning Programme(s) would be submited prior to commencement of the offshore works based on the relevant guidance and legislation. | | | | • | | | Schedule 2 - Condition 7 | • | Marine Management Organisation | N/A |
| C154 Onshore | | | An Onshore Decommissioning Plan will be developed prior to decommissioning in a timely manner. The Onshore Decommissioning Plan will include provisions for the removal of all onshore above ground infrastructure and the decommissioning of below ground infrastructure and details relevant to flood risk, pollution prevention and avoidance of ground disturbance. The Onshore Decommissioning Plan will be drawn in line with the latest relevant available guidance and legislation. | | | | | | | DCO Requirement 27 | • | Relevant Planning Authority | N/A |
| C155 Offshore | • • | Pollution Prevention Measures | Due to the presence and movements of construction and operation and maintenance vessels/equipment there is the potential for spills and leaks which could result in changes to water quality. All vessels involved will be required to comply with the International Convention for the Prevention of Pollution from Ships (MARPOL) 73/78. The production of one or more Project Environmental Management Plans (PEMPs) is a Condition of the five Deemed Marine Licences (DMLs). The final PEMP(s) would be in accordance with Volume 8, Outline PEMP (application ref: 8.21) and would detail all procedures and measures (in the form of a Marine Pollution Contingency Plan (MPCP)) to be followed during the differe phases of the Projects to minimise the risk of, and effects in, the event of an accidental spill. The final PEMP will identify all potential sources and types of accidental pollution for the relevant project phase and set out the proposed mitigation measures and will be developed in consultation with key stakeholders for approval by the MMO. The individual Projects and phases may require separate final PEMP(s). In addition, separate PEMPs may also be produced for individual packages. | nt | • • • | • | • | | | Project Environmental Management Plan Marine Pollution Contingency Plan DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |

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| Relevant Project Phase | | ES Chapter whe | re commitı | ment has been made | | | | Commitment Type | | |
| Onshore / Overarching Commitment Title Operation and Maintenance Operati | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation | 8: Marine Physical Processes 9: Benthic and Intertidal 10: Fish and Shellfish | 11: Marine Mammals 12: Offhsore Ornithology 13: Commercial Fisheries 14: Shipping and Navigation 15: Aviation and Radar 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and Land Quality | 20: Flood Risk and Hydrology 21: Land Use 22: Onshore Archaeology and | 23: Landscape and Visual 24:Traffic and Transport 25: Noise 26: Air Quality | Socio-Economics 29: Tourism and Recreation 30: Climate Change How is Commitment Secured / | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C156 Offshore • • • Cable Burial Risk Assessment (CBRA) | Final Cable Burial Risk Assessments and Cable Protection Plans will be produced in line with the detail provided in Volume 8, Outline Cable Statement (application ref: 8.20) that has been submitted with the DCO application, and in accordance with Conditions attached to the DMLs in Volume 3, Draft DCO (application ref: 3.1). | | • | • • | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Cable Statement (application ref: 8.20) |
| C157 Offshore • • • Employ biosecurity measures | The risk of spreading INNS will be reduced by employing biosecurity measures in accordance with the following requirements: International Convention for the Prevention of Pollution from Ships (MARPOL); The Merchant Shipping (Control and Management of Ships' Ballast Water and Sediments) Regulations 2022); and The Environmental Damage (Prevention and Remediation (England) Regulations 2015. | | • | | | | Project Environmental Management Plan Marine Pollution Contingency Plan DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C158 Offshore • • • Safety Zones | One or more applications would be made to DESNZ for Safety Zones post consent including up to 500m around ongoing activities during construction, major maintenance, and decommissioning and up to 50m for installed structures pre commissioning. The application will be made in compliance with MGN654. This would to ensure navigational safety and minimi risk of snagging. | e | • | • • | | | Safety Zone Statement DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 16 DML 5 - Condition 12 | • | Department for Energy Security and Net Zero | Volume 8, Safety Zone Statement (application ref: 8.19) |
| C159 Offshore • • • vessel disturbance an collision risk | | | | • | | | Project Environmental Management Plan DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C160 Offshore • • Aids to Navigation Management Plan | One or more Aids To Navigation Management Plans (including marking and lighting) for the Projects would be agreed with the MMO following consultation with MCA, UKHO and Trinity House post-consent. | e | | • | | | Aids to Navigation Management Plan DML 1 & 2 - Condition 10 DML 3 & 4 - Condition 8 DML 5 - Condition 6 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | N/A |
| C161 Offshore • • • Fisheries Liaison | Ongoing liaison with the fishing industry through the Fisheries Liaison Officer (FLO) and adhere to good practice guidance with regards to fisheries liaison. Advance warning and accurate location details will be provided to fishing fleets of construction, maintenance and decommissioning activities, associated safety zones and advisory passing distances; communication will be via timely and efficient Notices to Mariners (NtMs) and Kingfisher Bulletins. This is to ensure that the fishing industry is fully informed in advance of any offshore activities. This will be committed to within Volume 8, Ouline Fisheries Liaison and Co-existence Plan(s) (application ref: 8.28). | | | • | | | Fisheries Liaison and Co-existence Plan DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 20 DML 5 - Condition 14 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Outline Fisheries Liaison and Co-existence Plan (application ref: 8.28) |
| C162 Offshore • • Guard Vessels | Where appropriate, guard vessels will also be used to ensure navigational safety to mitigate impacts which pose a risk to surface navigation during construction and maintenance. This will be committed to within Volume 8, Fisheries Liaison and Coexistence Plan(s) (application ref: 8.28). | | | • | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Maritime and Coastguard Agency Trinity House UKHO | Volume 8, Outline Fisheries Liaison and Co-existence Plan (application ref: 8.28) |
| C163 Offshore • • • Charting of infrastructure | Aids to navigation (marking and lighting) will be deployed in accordance with the latest relevant available standard industry guidance. The United Kingdom Hydrographic Office (UKHO) will be notified of both the commencement, progress, and completion of offshore construction works, to allow marking of installed infrastructure on nautical charts. | | | • | | • | DML 1 & 2 - Condition 10 DML 3 & 4 - Condition 8 DML 5 - Condition 6 | • | UK Hydrographic Office | N/A |
| C164 Offshore • • • Lighting and marking | Lighting and marking of obstacles would be in accordance with the latest relevant industry guidance, as required by Trinity House, MCA, and Civil Aviation Authority (CAA). Final requirements will be detailed and agreed pre-construction in a Lighting and Marking Plan(s) produced as part of the Aids to Navigation Management Plan(s). | | | • • • | | | Aids to Navigation Management Plan DML 1 & 2 - Condition 10 DML 3 & 4 - Condition 8 DML 5 - Condition 6 | • | Marine Management Organisation | N/A |
| C165 Offshore • • Compliance with MGN 654 | N The Projects will ensure compliance with MGN 654 and its annexes, where applicable, including completion of a SAR checklist. | | | • | | | DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 16 DML 5 - Condition 12 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | N/A |
| | • | | | | , 1 | | | | • | |

| | | | | | | | | Dog | Dogger Bank South Offshore Wind Farms | | | | | | | | |
|------|--|------------------|--------------------------|---|---|----------------------|--|---|---|------------------------|---|----------------|--|---|---|--|--|
| | | Releva: Phase | nt Projec | t | | ES Ch | apter where con | nmitment has b | een mad | de | | | | | Commitment Type | | |
| Ref. | Onshore / Offshore / Overarching | re-Construction | peration and Maintenance | Commitment Title | Commitment Detail | : Site Selection and | S: EIA Methodology : Consultation S: Marine Physical Processes S: Benthic and Intertidal | .0: Fish and Shellfish .1: Marine Mammals .2: Offhsore Ornithology .3: Commercial Fisheries | .4: Shipping and Navigation .5: Aviation and Radar | .6: Other Marine Users | 18: Terrestrial Ecology and 19: Geology and Land Quality 10: Flood Risk and Hydrology 11: Land Use 12: Onshore Archaeology and 13: Landscape and Visual 14: Traffic and Transport | 6: Air Quality | ocio-Economics 99: Tourism and Recreation | How is Commitment Secured / Implemented? | mbedded Mitigation Additional Mitigation Aonitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| | | | | | The Projects will ensure that local Notifications to Mariners are updated and reissued at weekly intervals during construction activities and at least five days before any planned operation and | 4 1 | 1 6 6 8 8 6 | | | | | 1 0 0 | S N | DML 1 & 2 - Condition 9 | ш « г | Maritime and Coastguard | |
| C166 | Offshore | • | • | Promulgation of information | maintenance works. Advance warning and accurate location details of construction, maintenance and decommissioning operations (including details of vessel routes, timings and locations), associated safety zones and advisory passing distances will be given via Kingfisher Bulletins at least 14 days prior where possible. | | | | • | • | | • | | DML 3 & 4 -Condition 7 DML 5 - Condition 5 | • | Agency Trinity House UKHO | N/A |
| C167 | Offshore | • | • | Marine coordination for project vessels | Marine coordination would be implemented to manage project vessels throughout construction and maintenance periods, and will be detailed in one or more Emergency Response Cooperation Plans (ERCoPs) produced in compliance with MGN654. | | | | • • | | | | | Emergency Response Cooperation Plans DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 16 DML 5 - Condition 12 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | N/A |
| C168 | Offshore | • | • | Archaeological Watching Briefs | Archaeological watching briefs (monitoring) will be completed during groundworks or other site activities / interventions associated with the scheme in the terrestrial or inter-tidal zone, and / or marine activities such as during offshore obstruction clearance (where considered appro-priate) and any exposed remains preserved by record. | | | | | • | | | | Written Scheme of Investigation (Offshore) DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • • | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C169 | Offshore | • | • | Avoidance or further mitigation | Further assessment and investigation and additional mitigation to avoid, reduce or offset impacts to archaeological receptors. | | | | | • | | | | Written Scheme of Investigation (Offshore) DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation East Riding of Yorkshire Council Historic England | Volume 8, Outline Written Scheme of Investigation (Offshore) (application ref: 8.22) |
| C170 | Offshore | • | • | • Fisheries liaison | Ongoing liaison with the fishing industry through the Fisheries Liaison Officer (FLO) will be maintained during construction, maintenance and decommissioning activities. The most recent available FLOWW best practice with regards to fisheries liaison will be adhered to in order to maintain effective communications between the Projects and the fishing industry. This will be committed to within the Volume 8, Outline Fisheries Liaison and Co-existence Plan(s) (application ref: 8.28). | | | | | | | • | | Fisheries Liaison and Co-existence Plan DML 1 & 2 - Condition 18 DML 3 & 4 - Condition 20 DML 5 - Condition 14 | • | Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Outline Fisheries Liaison and Co-existence Plan (application ref: 8.28) |
| C171 | Onshore | • | • | Skills and Employmer | The Applicants have developed an Outline Skills and Employment Management Strategy (Volume 8, application ref: 8.5) submitted with the DCO application. The purpose of the Outline Skills and Employment Strategy is to provide an outline strategy that can be developed further with the relevant key consultees into a Skills and Employment Strategy that will facilitate positive and meaningful commitments and activities in the Humber Region. | | | | | | | | • | DCO Requirement 26 | • | Relevant Planning Authority | Volume 8, Outline Skills and Employment Management Strategy (application ref: 8.5) |
| C172 | Onshore | • | • | Supply Chain Plan (or replacement under Cregime) | I he applicants will develop a Supply Chain Plan or their replacement under the Contracts for Difference regime to outline how the Applicants will work with the supply chain to boost | | | | | | | | • | DCO Schedule 1 | • | N/A | N/A |
| C173 | Offshore | • | • | Climate change resilience measures: regular inspections | Regular inspections and maintenance of offshore and onshore components of the Projects will be carried out over the Projects operational lifetime to identify and remediate any damage and to ensure optimal working Conditions. | | | | | | | | | Project Environmental Managment Plan DCO Schedule 1 ML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C174 | Offshore | • | • | Climate change resilience measures: offshore structures | The resilience of offshore structures against more challenging Conditions resulting from climate change is implicitly addressed in the limit state analyses for the Projects. These analyses, specifically the Ultimate Limit State analyses, consider extreme weather events, including those caused by climate change, such as heightened wave heights. The design of offshore structures incorporates an estimated sea level rise attributed to climate change, which is factored into the analyses. Furthermore, the mobility of the seabed at the offshore wind farm is considered throughout the design lifespan. | | | | | | | | | Project Environmental Management Plan DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |

| | Relevant | Project | | | ES Chapter whe | ere commit | ment has beer | made | | | | Commitment | Dogo | ger Bank South Offshore Wind Farms |
|---------------------------------------|----------------------------------|---|---|--|---|---|--|--|--------------|--|--|--|--|--|
| Onshore / Ref. Offshore / Overarching | Pre-Construction as Construction | Operation and Maintenance Decommissioning | ommitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation | 8: Marine Physical Processes 9: Benthic and Intertidal 10: Fish and Shellfish | 11: Marine Mammals12: Offhsore Ornithology13: Commercial Fisheries14: Shipping and Navigation | 15: Aviation and Radar 16: Other Marine Users 17: Offshore Archaeology and 18: Terrestrial Ecology and 19: Geology and Land Quality 20: Flood Risk and Hydrology | 21: Land Use | 23: Landscape and Visual 24: Traffic and Transport 25: Noise | Socio-Economics Socio-Economics 29: Tourism and Recreation 30: Climate Change where the change of th | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C175 Overarching | • | • • | | Climate change resilience measures which are secured into to the Projects' design include: Based on standard industry practice and occupational health and safety regulations and standards, construction management plans such as the Outline Project Environmental Management Plan (PEMP) (Volume 8, application ref. 8.21) and Outline Code of Construction Practice (OCoCP) (Volume 8, application ref. 8.9) include provisions relating to risk assessments and health and safety protocols which will be prepared prior to the commencement of the construction works as part of the final PEMP(s) and CoCP(s). The management plans will be implemented to cover the construction, operation and maintenance, and decommissioning phases of the Projects. The management plans will account for exposure of site workers and construction plant to extreme weather events and ensure appropriate preparation and re-sponse measures are in place to minimise their impacts. These measures include, but are not limited to, the following: Scheduling construction activities based on seasonality and timely weather forecasts; Monitoring of on-site weather Conditions and severe weather alert services; A comprehensive fload warning and evacuation plan; Incorporating a severe weather protocol into construction management plans and assigning clear responsibilities in the event of an emergency; Requiring contractors to include additional provisions in their management plans based on weather Conditions at the time of works such as additional rest breaks during heatwaves, securing stored equipment and material during high wind events and specifying de-icing equipment during cold spells: Mitigation against flooding due to climate change impacts are considered in the design of the onshore components, including drainage for the Onshore Converter Station. The construction of landfall will be completed using trenchless techniques to mitigate the risk of tidal and coastal flooding. In addition, at the Landfall Zone, the siting of the Transition Joint Bays (TJBs) | | | | | | | Project Environmental Management Plan DCO Requirement 19 DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | _ I | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) Volume 8, Outline Code of Contruction Practice (application ref: 8.9) |
| C176 Overarching | • | | mate cnange silience measures | Mitigation against flooding due to climate change impacts are considered in the design of the onshore components, including drainage for the Onshore Converter Station, are detailed in the Outline Drainage Strategy (Volume 8, application ref: 8.12). The construction of landfall will be completed using trenchless techniques to mitigate the risk of tidal and coastal flooding. In addition, at the Landfall Zone, the siting of the Transition Joint Bays (TJBs) has taken into account coastal erosion rates and have been set back to account for coastal retreat. | | | | | | | DCO Requirement 16 | • | Relevant Planning Authority (in consultation with Lead Local Flood Authority and Environment Agency). | Volume 8, Outline Drainage Strategy (application ref: 8.12) |
| C177 Overarching | • | • • me | easures: Project | Project-level GHG mitigation is being incorporated into the design development process for the Projects wherever it is practicable to do so. At each stage of the design, steps will be taken to determine the climate change impact of the offshore wind farms, providing a better understanding of which measures will be effective in reducing it. Through this process the Projects will reduce GHG emissions associated with the offshore foundation structures, which will be optimised with the aim of minimising steel mass. The Applicants also seek to adopt recent advances it technology where possible on the Projects, such as the use of recycled materials in wind turbines. | 1 | | | | | | DCO Schedule 1 | • | N/A | Volume 8, Design and Access Statement (application ref: 8.8) |
| C178 Overarching | • • | • • res | mate change silience measures: oject design | Projects will be designed in accordance with the Applicants' technical requirements and specifications, which are based on industry-leading engineering codes and standards in the offshore wind sector. The design will prioritise resilience against hazards posed by existing extreme weather events and climate Conditions. Additionally, where relevant, the design will incorporate adaptations to address future impacts of climate change. | | | | | | | DCO Schedule 1 | • | N/A | Volume 8, Design and Access Statement (application ref: 8.8) |
| C179 Overarching | • | • • Cir | cularity Framework | The Applicants are commited to adopting a circularity framework which has three core circular principles, namely: Reducing consumption & increasing inflow of circular materials; Enhancing material (re)use and lifetime; and Minimising end-of-life treatment. | | | | | | | DCO Schedule 1 | • | N/A | Volume 8, Design and Access Statement (application ref: 8.8) |
| C180 Overarching | • • | | - | The Applicants have integrated sustainability guidelines and continuously develop their approaches and processes to ensure a resource-conserving and future-oriented energy supply under the Condition of economic efficiency. | | | | | | | DCO Schedule 1 | • | N/A | Volume 8, Design and Access Statement (application ref: 8.8) |
| C181 Offshore | • | • • Ve | ssel traffic | Potential impacts on red throated diver in the Greater Wash SPA during construction, operation and maintenance works will be mitigated through measures such as: • Existing shipping lanes will be utilised for any vessels crossing the Greater Wash SPA and up to 2km beyond the SPA boundary to limit potential disturbance of red-throated diver; • Vessels may deviate from the existing shipping lanes to avoid disturbance of red-throated diver should they be located within the existing shipping lane; • Selecting routes that avoid known aggregations of birds; • Restricting vessel movements to existing navigation routes (where the densities of red-throated divers are typically relatively low); • Maintaining direct transit routes (to minimise transit distances through areas used by red-throated diver); • Considering the potential for crew transfer vessels to travel in convoy en route to the wind farm sites and seeking to do so where it is considered practicable; • Avoidance of over-revving of engines (to minimise noise disturbance); and • Briefing of vessel crew on the purpose and implications of these vessel management practices (through, for example, tool-box talks). These measures are set out in Volume 8, Outline Project Environmental Management Plan (application ref: 8.21). | | | • | | | | Project Environmental Management Plan DML 1 & 2 - Conditions 15 & 21 DML 3 & 4 - Conditions 13 & 19 DML 5 - Conditions 11 & 15 | • | Marine Management Organisation | Volume 8, Outline Project Environmental Management Plan (application ref: 8.21) |
| C182 Onshore | • • | Ot | ter and Water Voles | Prior to the commencement of construction activities, pre-construction otter and water volves surveys would be undertaken. All mitigation measures in relation to otters and water volves are provided in section 1.6.3.4. | | | | • | | | DCO Requirement 12 DCO Requirement 23 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England as applicable). | Management Plan (application |
| C183 Onshore | • | Мс | | An Outline Soil Management Plan (OSMP) (Revision 2) which forms Appendix A of the OCoCP (Revision 2) (Volume 8, application ref: 8.9) [AS-094] outlines the mitigation measures and best practice techniques, which contractors would be obliged to comply with. A detailed Soil Management Plan (SMP) would form part of the final CoCP. The OSMP sets out guidance, in section 4.8 on cropping and aftercare for the landowners which will form part of the detail SMP. The length of the period of aftercare may extend for two to three years post reinstatement, key aftercare measures would include: Early or 'sacrificial' cropping may be appropriate as opposed to no crop on reinstated soils and bare soils should be avoided for any extended periods, especially over winter; The landowner(s) are to be advised and encouraged to manage the land sympathetically and, for the first two-three years after re-instatement, should be aware that re-instated land will farm differently to adjacent areas. The soils are likely to remain wetter for longer in spring and are likely to wet up earlier in autumn. Timeliness of access for arable cultivations, irrigation ,fertilising and spraying will be essential to facilitate soil structural recovery; The use of organic manures is recommended, though not in the first 12 months after re-instatement; and An aftercare programme should be formulated by the Contractor to a fertiliser and cropping plan which is agreed with landowner. | | | | | • | | DCO Requirement 19 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England as applicable). | Volume 8, Outline Code of Construction Practice (application ref: 8.9) |

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| | | Relevant Proj Phase | ect | | ES Chapter wh | nere commi | nitment has | been made | | | | Commitment Type | | |
|------|--|---|--|---|--|---|--|--|---|---|--|--|--|---|
| Ref. | Onshore / Offshore / Overarching | Pre-Construction Construction Operation and Maintenance | Commitment Title | Commitment Detail | 4: Site Selection and 5: Project Description 6: EIA Methodology 7: Consultation | 3: Marine Physical Processes 9: Benthic and Intertidal 10: Fish and Shellfish | 11: Marine Mammals 12: Offhsore Ornithology 13: Commercial Fisheries | 14: Shipping and Navigation 15: Aviation and Radar 16: Other Marine Users 17: Offshore Archaeology and | 18: Terrestrial Ecology and 19: Geology and Land Quality 20: Flood Risk and Hydrology | 21: Land Use 22: Onshore Archaeology and 23: Landscape and Visual | 24: Traffic and Transport 25: Noise 26: Air Quality 27: Human Health Socio-Economics 29: Tourism and Recreation 30: Climate Change Appendix Socio-Economics 30: Climate Change Appendix Socio-Economics Appendix Socio-Econom | Embedded Mitigation Additional Mitigation Monitoring | Decision Maker / Relevant Authority | Relevant Application Document(s) |
| C18 | 4 Onshore | • | Construction Methodology and Reinstatement | In a Concurrent or Sequential construction scenario, the ducts for both Projects would be laid in the same phase of works i.e. the ducts for the second Project would be laid by the first. The areas of land between Jointing Bays would be reinstated within 2 years and returned to the landowner for agricultural use or the habitat restored. Cables would then be pulled through the ducts at Jointing Bay locations along the Onshore Export Cable Route, limiting physical disturbance to locations every 0.75 to 1.5km. Works to install the platform for the Onshore Convert Station for the second Project within the Substation Zone and the ducting at the Landfall Zone would also be undertaken in the same phase of works. On completion of construction, the Landfall Zone and Onshore Export Cable Corridor, including Temporary Construction Compounds, would be reinstated to its previous Condition (e.g. agricultural use) as far as reasonably practical. The only above-ground infrastructure that would remain would be manholes for link boxes. Following reinstatement works, a period of aftercare will be required to return land to its previous land use. This is specified within section 4.8 of the Outline Soil Management Plan (Revisior 2), Appendix A of the OCoCP (Revision 3) [REP1-025], secured by DCO Requirement 19 and in this table under the Outline Soil Management Plan (OSMP) parameter. | | | | | | • | DCO Schedule 1 DCO Requirement 19 | • | N/A | Volume 7, Chapter 5 Project Description (application ref 7.5) |
| C187 | ' Onshore | • • | Ancient Woodland | In the instance of trees being within an area of ancient woodland, the Applicants are committed to trenchless crossing techniques such as HDD at depth greater than 5m unless following detailed geotechnical investigations clear evidence is provided to demonstrate that a shallower depth would not result in adverse impacts on roots, soils or rhizosphere along or above the proposed route. | | | | | • | | DCO Requirement 12 | • | Relevant Planning Authority (in consultation with Environment Agency, Natural England as applicable). | Management Plan (application |
| C188 | 3 Offshore | • | Cable Bundling | Offshore Export Cables from DBS East and DBS West will be respectively bundled together in individual trenches comprising one trench per Project. | | | | | | | DML 1 & 2 - Condition 15 DML 3 & 4 - Condition 13 DML 5 - Condition 11 | • | Marine Management Organisation Maritime and Coastguard Agency Trinity House UK Hydrographic Office | Volume 8, Cable Statement (application ref: 8.20) |
| C189 | Onshore | • • | Outline Landscape Management Plan (OLMP) | All planting in the Onshore Substation Zone will be managed for the operational lifetime of the authorised development, approximately 30 - 32 years to ensure that it continues to provide the necessary screening, landscape and biodiversity benefits for the lifetime of the Projects. | | | | | | | DCO Requirement 10 | • | Relevant Planning Authority | Volume 8, Outline Landscape Management Plan (application ref: 8.11) |

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