

APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Marine Works include, but are not limited to, coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, grab samples and outfall pipes under the Marine and Coastal Access Act 2009

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Licensing Authority, the Welsh Ministers.
- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.
 - For application and supporting documents less than 10MB we can accept an additional copy via email.
 - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
 - When applications and supporting documents are hard copy only **16** copies will be required.
- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form
- Please submit marine licence applications, including this form and all supporting documents, **at least 4 months before the licence is required.**

Some projects may raise matters that require a significantly longer time for consideration. These are most likely to be:

- Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
- Large scale projects with substantial volumes of material being deposited or excavated
- Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017.
- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

A licence fee is payable in respect of an application. Details of fees can be found on our web pages.

Please note applications will not be processed without the correct relevant fee or invoicing details.

- Payments can be made via Cheque, BACS or credit/debit card.
 - Cheques should be crossed and made payable to **Natural Resources Wales.**
 - For BACS payments ensure you provide the reference number (not remittance number)

- For credit/debit card payments please complete the CC1 form and submit with the application. The CC1 form can be found on our web pages

Further information on payment methods can be found on our web pages

- **All activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, <http://naturalresources.wales>. The results of your WFD assessment must be attached to your marine licence application.**
- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

Your application may not be considered complete and therefore not processed until key information has been submitted. Your application may be returned if you fail to submit outstanding information within given timescales.

- Please note any licence may have conditions that must be discharged before works can commence. This will take additional time.
- If you have any queries with regards to completing this application please contact the MLT: marinelicensing@naturalresourceswales.gov.uk

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.
- Checked and acknowledged by the MLT within 21 days of receipt of application and payment
- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer
- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete
- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature*)
- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT
- Your application and supporting documents will be sent to for an initial consultation period of 28 days (*42 days for EIA projects*)
- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*).
For EIA projects a second public notice will be required. The MLT will advise on how this should be done.
- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

All information submitted may be referred to within a licence, therefore all works must be in accordance with this information, unless otherwise agreed with NRW acting on behalf of the Licensing Authority during the determination process.

It is the responsibility of the applicant to obtain any other consents/authorisations that may be required.

Application Form Structure

1. Project Description and Cost
2. Applicant Details
3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works
4. Environmental Impact Assessment (EIA)
5. Licensable Period
6. Project Description
7. Methods Statement
8. Materials of Project
9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding
10. Temporary Works
11. Dredge and Disposal of Dredge Material
12. Protected Sites
13. Other Consents
14. Statutory Powers
15. Public Register
16. Application Fee
17. Declaration

Check List

Please ensure that you have included all the necessary information before you submit your application. **If any of the below are not completed in the application form, the application is likely to be considered incomplete and may be returned to you**

Item	Yes (✓)
The applicant is a legal entity?	✓
The declaration is signed by the applicant?	✓
Is the application fee correct?	N/A
Are the grid references/coordinates correct?	✓
Do the coordinates match map locations?	✓
Have all the relevant supporting documents been submitted?	✓
Has a clear methodology been provided in the application form?	✓
Has Protected sites information been included?	✓
Has a Water Framework Directive (WFD) assessment been submitted?	✓
Are all the continuation sheets for application questions appended with correct corresponding numbers?	✓

Should you have any queries regarding your application please contact the MLT via marinelicensing@naturalresourceswales.gov.uk

1. Project Description and Cost

1 (a). Project Name

Awel y Môr Offshore Wind Farm

1(b). Please provide a brief description of the proposed project, including location

Awel y Môr Offshore Wind Farm (AyM) is a proposed sister project to the operational Gwynt y Môr Offshore Wind Farm (GyM) off the north-east coast of Wales. AyM will comprise up to 50 WTGs and all associated infrastructure required to transmit the electricity generated to shore (and – under a Development Consent Order – on to the existing National Grid Bodelwyddan substation, as well as all infrastructure required to operate and maintain the wind farm.

The AyM array area lies approximately 10.5km off the north-east coast of Wales. The offshore Export Cable Corridor (ECC) extends from the south-western to south-eastern boundary of the array area in a south-easterly direction to meet land at Frith Beach between Rhyl and Prestatyn. Outside of the scope of this marine licence application, an onshore ECC extends from the landfall to the onshore substation west of St Asaph's Business Park (SABP) before connecting to the National Grid substation at Bodelwyddan (south of SABP).

1(c). Please provide an estimated gross cost of the project (Inc. materials and labour) for works that fall below/seaward of Mean High Water Springs (MHWS)

In excess of £1m.

2. Applicant Details

To whom the licence will be issued. *This must be a legal entity such as an individual, registered company/ charity or public body.*

Title

Mr

Full Name

Mark Legerton

Company or Trading Name

Awel y Môr Offshore Windfarm Ltd

Company Registration Number (if applicable)

02550622

Name of Contact or individual (if different)

Paul Carter

Position in Company

Senior Consents Manager

Address inc. postcode (provide registered Company address if applicable)

Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire, SN5 6PB

Telephone Number

07919 291689

Email Address

paul.carter@rwe.com

3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works

3(a). Agent Details

This is who we will correspond with unless otherwise informed. If no agent we will contact the applicant.

Title Full Name

Company or Trading Name

Company Registration Number (if applicable)

Name of Contact or individual (if different)

Position in Company

Address
(Inc. postcode)

Telephone Number

Email Address

3(b). Does the Applicant wish to be included in all correspondence? Yes ☒ No ☐

3(c). Contractor Details

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Contractor Company or Trading Name	Address
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To be provided before operations commence.	
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3(d). Will the works require the use of vessels?

Yes ☒ No ☐

3(d) (i). Vessel Details (if applicable and available)

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
To be provided before operations commence.				

3(e). Will the works require the use of vehicle?Yes ☒ No ☐**3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS**

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Operator	Type/Description of Vehicle
To be provided before operations commence.	

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?

These details will need to be confirmed prior to the licence and operations commencement

To be provided before operations commence.

4. Environmental Impact Assessment (EIA)

Certain projects, due to their scale, location and/or nature, may require an EIA under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended). If a project qualifies under EIA, an Environmental Statement (ES) must be prepared and submitted with the application.

Projects that fall within Annex I of the Directive automatically require an EIA. Projects that fall within Annex II of the Directive are assessed on a case-by-case basis for the requirement for an EIA to be undertaken.

4(a). Do you consider the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended)?Yes ☒ No ☐**4(a) (i) If Yes, which Annex does the proposal fall under?**Annex I ☐ Annex II ☒**4(a) (ii) Which number(s) within the Annex does the proposal relate to?**

Annex II 3(i) *Energy Industry, installations for the harnessing of wind power for energy production (wind farms).*

4(b). Have you applied for a screening or scoping opinion from the MLT under the Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)? Yes ☐ No ☒

4(b) (i). If Yes, please provide the reference number EIA Scoping undertaken by SoS

4(c). Has an Environmental Impact Assessment been undertaken? Yes ☒ No ☐

4(c)(i). If Yes, has an Environmental Statement been submitted to support this Marine Licence application? Yes ☒ No ☐

4(d). If an Environmental Impact Assessment has been undertaken, but an ES has not been submitted, please provide an explanation

N/A

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

5. Licensable Period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the Requested Licence Expiry Date you may be required to submit a new application. *Including a contingency period within your original application does not impact on Licence Fee*

Start Date Oct 2023 Requested Licence Expiry Date Dec 2065

*Please ensure you submit your application for a Marine Licence **at least 4 months** prior to the intended start date. Some projects, such as EIA projects, will take significantly longer to determine.*

6. Project Description

6(a). Please give a description of the proposed project.

This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

Details should include, but not be limited to, dimensions of project, quantity of material being deposited and removed.

AyM will comprise an array of offshore Wind Turbine Generators (WTGs) with an overall capacity greater than 350 Megawatts (MW), for the purpose of generating renewable energy. There will be up to 50 WTGs and all associated infrastructure required to transmit the electricity generated to shore, where it will then be transmitted to the existing National Grid Bodelwyddan substation. More detail (including matters listed above) is provided in the Offshore Project Description (application ref: 6.2.1).

To facilitate the construction, operation and administration of the project, the Applicant proposes that three marine licences (ML1 to ML3, each for construction, operation and maintenance, and decommissioning) are issued under this application as set out in the Marine Licence Principles document (application ref: 5.4.1, table 1), and the ML audit document (application ref: ML-6.2.1) and summarised below.

Pre-construction works, ML1-3 (document 6.2.1, section 1.6) to include:

- Geophysical and geotechnical surveys (section 1.6.1)
- Seabed preparation (section 1.6.2)
- Sandwave clearance (section 1.6.3)
- Unexploded ordnance clearance (section 1.6.4)
- Boulder clearance (section 1.6.5)
- Pre-lay grapnel run (section 1.6.6)

ML1: generation assets, to include:

- up to 50 wind turbine generators fixed to the seabed by a foundation;
- up to two offshore substation platforms (OSPs) each fixed to the seabed by a foundation (to be licensed under ML1 and ML2, but not duplicated, a maximum of two being authorised see the Marine Licence Principles document (application ref: 5.4.1, paras 3-6));
- one meteorological mast fixed to the seabed by a foundation;
- floating buoys;
- a network of subsea inter-array cables including cable crossings and cable protection;
- and in connection with the above such other works as may be necessary or expedient for the purposes of the Licenced Activities and which fall within the scope of the work assessed by the environmental statement including:
 - scour protection around the foundations of the offshore structures;
 - cable protection measures such as rock placement and the placement of rock and/or concrete mattresses, with or without frond devices;
 - dredging;
 - the removal of material from the seabed required for the construction of the Licenced Activities and the disposal of inert material of natural origin and/or dredged material within the Marine Licence areas produced during construction drilling, and seabed preparation for the installation of the foundations of the offshore structures or during seabed preparation for cable laying;
 - creation and use of temporary vessel laydown areas;
 - removal of static fishing equipment; and
 - lighting

ML2: transmission assets, to include:

- installation of up to two subsea cable circuits including cable ducts (if required) and cable crossings;
- up to two OSPs each fixed to the seabed by a foundation (to be licensed under ML1 and ML2, but not duplicated, a maximum of two being authorised see the Marine Licence Principles document (application ref: 5.4.1, paras 3-6));
- cofferdam works including piling and creation of pits for trenchless installation techniques; and

- in the intertidal area:
 - installation of up to two buried cable circuits including cable crossings, cable protection, cable ducts (if required), cofferdam works including piling, creation of pits for trenchless installation techniques, cable trenching works and removal and remediation of groynes
- and in connection with the above such other works as may be necessary or expedient for the purposes of the Licenced Activities and which fall within the scope of the work assessed by the environmental statement including:
 - scour protection around the foundations of the offshore structures;
 - cable protection measures such as rock placement and the placement of rock and/or concrete mattresses, with or without frond devices;
 - dredging;
 - the removal of material from the seabed required for the construction of the Licenced Activities and the disposal of inert material of natural origin and/or dredged material within the Marine Licence areas produced during construction drilling, and seabed preparation for cable laying;
 - creation and use of temporary vessel laydown areas;
 - removal of static fishing equipment;
 - lighting; and
 - erection of temporary cofferdams during construction

ML3: AyM/GyM interlink, to include:

- installation of subsea cables to the Gwynt y Môr offshore wind farm including alteration of existing scour protection and cable protection and cable crossings
- and in connection with the above such other works as may be necessary or expedient for the purposes of the Licenced Activities and which fall within the scope of the work assessed by the environmental statement including:
 - cable protection measures such as rock placement and the placement of rock and/or concrete mattresses, with or without frond devices;
 - dredging;
 - the removal of material from the seabed required for the construction of the Licenced Activities and the disposal of inert material of natural origin and/or dredged material within the Marine Licence areas produced during construction drilling, and seabed preparation for cable laying;
 - creation and use of temporary vessel laydown areas;
 - removal of static fishing equipment; and
 - lighting.

Assuming consents are received in 2023 and expire in 2065, this allows seven years for commencement of works (under the Development Consent Order), five years for construction, 25 years of operations and maintenance, and five years to decommission (total 42 years, hence 2023-2065).

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

6(b). Please detail the location of the proposed construction project.

This should be either Ordnance Survey National Grid Reference (i.e. AB 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long -

4.1234), defining the extent of the project. **Please specify which coordinate system has been used.**

The AyM array area lies approximately 10.5km off the north-east coast of Wales. The offshore Export Cable Corridor (ECC) extends from the south-western to south-eastern boundary of the array area in a south-easterly direction to meet land at Frith Beach between Rhyl and Prestatyn. Detail is provided in the Offshore Project Description (application ref: 6.2.1).

Coordinates have been provided as Latitude and Longitude in decimal degrees to 4 decimal places. Please see the Marine Licence Plan Coordinate list (application ref: ML-2.13.1). Please also see the Marine Licence Plan Areas Map (application ref: ML-2.13) which contains the following drawings:

Overall area seaward of MHWS – drawing number 004364869-03

ML1: generation assets – drawing number 004364869-03

ML2: transmission assets – drawing number 004364869-03

ML3: AyM/GyM interlink – drawing number 004364869-03

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

6(c). The following must be provided with the completed application form:

- (i) a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project, complete with **North Arrow** and **Scale**
- (ii) construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).
- (iii) a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

Please list below **all supporting documents** that have been submitted with this application, including suitable documents/maps/drawing titles and reference numbers.

The following documents provide the detail required by points (i) to (iii) above:

- 2.1 Location Plan
- ML-2.13 Marine Licence plans
- 6.2.1 Offshore Project Description

A full list of application documents is provided in the Guide to the Marine Licence Application (document ref: ML-1.4.1) and the accompanying index.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

The applicant should note that these drawings/plans may be copied to others as part of the MLT's consultation procedures. If they are subject to copyright, it is the **responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit up to 16 copies with the application.**

7. Methods Statement

7(a). Please provide a detailed method statement for the works

This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS.

Decisions on exact locations of infrastructure and the precise technologies and construction methods employed cannot be made at this stage of AyM's development process. Therefore, the project description sets out the main components and parameters of the project and the design envelope approach (the 'Rochdale Envelope') has been used to provide certainty that the final project as built will not exceed these parameters, while providing the necessary flexibility to accommodate further project refinement during the detailed design phase post-consent. This applies to: ML1 for generation assets; ML2 for transmission assets; and ML3 for Gwynt y Môr OWF connection works. See 6.2.1 Offshore Project Description paras 5 to 7 for more detail. Further:

Pre-construction works, ML1-3 (document 6.2.1, section 1.6) to include:

- Geophysical and geotechnical surveys (section 1.6.1)
- Seabed preparation (section 1.6.2)
- Sandwave clearance (section 1.6.3)
- Unexploded ordnance clearance (section 1.6.4) – UXO has been assessed in the ES but would be subject to separate marine licence as required
- Boulder clearance (section 1.6.5)
- Pre-lay grapnel run (section 1.6.6)

ML1: generation assets (document 6.2.1)

- Foundation options x7 (section 1.8.1, table 8, and section 1.8.3-5)
- Scour protection (section 1.8.2)
- WTGs (section 1.8.6)
- OSPs (section 1.8.7)
- Meteorological mast (section 1.8.8)
- Permanent vessel moorings (section 1.8.9)
- Array cables (section 1.8.10, para 110-115 and table 21)
- Cable protection of varying kinds (section 1.8.10, para 123-128 and table 23)
- Aids to navigation, colour, lighting & marking (section 1.8.11)
- O&M (section 1.10)
- Decommissioning (section 1.11)

ML2: transmission assets (document 6.2.1)

- Foundation options for OSP x6 (section 1.8.1, table 8, and section 1.8.3-5)
- Scour protection (section 1.8.2)
- OSPs (section 1.8.7)
- Offshore export cables (section 1.8.10, para 116-119 and table 22)

- Cable protection of varying kinds (section 1.8.10, para 123-128 and table 23)
- Cable crossings (section 1.8.10, para 129-131 and table 24)
- Landfall (section 1.9), including transition joint bay, trenchless techniques, open-cut installation
- O&M (section 1.10)
- Decommissioning (section 1.11)

ML3: AyM/GyM interlink (document 6.2.1)

- AyM/GyM interlink cable (section 1.8.10, para 120-122 and table 22)
- Cable protection of varying kinds (section 1.8.10, para 123-128 and table 23)
- O&M (section 1.10)
- Decommissioning (section 1.11)

See also: 8.7 Outline Offshore Operations & Maintenance Plan.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

7(b). Do you intend to undertake activities that could generate underwater noise?

This include piling, use of explosives, geophysical, acoustic deterrent devices and multibeam echosounders.

Yes ☒ No ☐

7(b) (i). If Yes, what type(s) of activities will be undertaken?

Please see:

6.2.1 Offshore Project Description (para 69)

6.4.6.2 Underwater Noise Technical Report

Pre-construction works (ML1-3, document 6.2.1, section 1.6) to include:

- Geophysical and geotechnical surveys (section 1.6.1)
- Seabed preparation (section 1.6.2)
- Sandwave clearance (section 1.6.3)
- Unexploded ordnance clearance (section 1.6.4) – UXO has been assessed in the ES but would be subject to separate marine licence as required
- Boulder clearance (section 1.6.5)
- Pre-lay grapnel run (section 1.6.6)

The construction of piled foundations would result in the greatest propagation of underwater noise and as such has been used as the 'worst case' in the maximum design scenario adopted for the Environmental Statement.

ML1: generation assets (document 6.2.1)

- Foundation options x7 (section 1.8.1, table 8, and section 1.8.3-5)
 - Including Acoustic Deterrent Devices (ADD) – see document 6.4.7.2, section 1.13
- Scour protection (section 1.8.2)
- WTGs (section 1.8.6)
- OSPs (section 1.8.7)
- O&M (section 1.10)

- Decommissioning (section 1.11)

ML2: transmission assets (document 6.2.1)

- Foundation options x6 (section 1.8.1, table 8, and section 1.8.3-5)
- Scour protection (section 1.8.2)
- OSPs (section 1.8.7)
- Landfall (section 1.9), including transition joint bay, trenchless techniques, open-cut installation
- O&M (section 1.10)
- Decommissioning (section 1.11)

ML3: AyM/GyM interlink (document 6.2.1)

- AyM/GyM interlink cable (section 1.8.10, para 120-122 and table 22)
- O&M (section 1.10)
- Decommissioning (section 1.11)

7(b) (ii). If Yes, approximately how many days will the activity be undertaken for?

From pre-construction surveys and works in 2024 and 2025 to construction beginning in 2026 until the site is fully operational by 2030. Please see document 6.2.1 Offshore Project Description.

If Yes, you will be required to complete an additional form that will be provided.

7(c). Please state the measures to be taken to:

- (i) Minimise risk to the marine environment

Please see: 8.11 Schedule of Mitigation which also cross-refers to specific chapters from the Environmental Statement.

- (ii) Prevent undue interference to others

Please see document 8.11 Schedule of Mitigation, plus:

- 6.2.8 Commercial Fisheries – see section 8.9
- 6.2.9 Shipping & Navigation – see section 9.9 to 9.12
- 6.2.12 Other Marine Users & Activities – see section 12.9
- 6.2.13 Military & Civil Aviation – see section 13.9 and 13.11.2
- 8.5 Fishing Liaison & Co-existence Plan – in its entirety

- (iii) Maintain navigational safety, including marking and lighting of works

Please see document 8.11 Schedule of Mitigation, plus:

- 6.2.9 Shipping & Navigation – see section 9.9 to 9.12
- 6.4.9.1 Navigational Risk Assessment – see section 19 and 20

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8. Materials of Project

8(a). Description of materials to be deposited seaward of MHWS (Please tick all that apply)

Timber	☐	Iron/Steel	☒	Concrete	☒	Biocides/other chemicals	☐
Silt	☒	Stone/Rock	☒	Gravel	☒	Plastic/Synthetics	☒
Sand	☒	Other	☒				

If other, please provide a description of materials.

Please see document 6.2.1 Offshore Project Description

ML1: generation assets

- Iron/steel such as piled foundations (section 1.8.3)
- Concrete such as gravity base structure (GBS) foundations or cable protection (section 1.8.5 or para 125)
- Silt such as GBS ballast (para 81)
- Stone/rock such as cable protection or scour protection (para 124)
- Gravel such as seabed preparation for GBS foundations (para 36)
- Plastic/synthetics such as Permanent Vessel Moorings (PVM), the outer layers of cable insulation or flow energy dissipation devices (para 107, 111, or para 126)
- Sand such as sandbags for scour protection or cable protection (para 58 or 127)
- For examples of oil and fluids, (para 90 and table 17)
- Cables are typically constructed with an inner core of copper or Aluminium (para 111).

ML2: transmission assets

- Iron/steel such as piled offshore substation platform (OSP) foundations (section 1.8.3)
- Concrete such as OSP GBS foundations or cable protection (section 1.8.5 or para 125)
- Silt such as GBS ballast (para 81)
- Stone/rock such as export cable protection or OSP scour protection (para 124)
- Gravel such as seabed preparation for OSP GBS foundations (para 36)
- Plastic/synthetics such as the outer layers of cable insulation or flow energy dissipation devices (para 117 or 126)
- Sand such as sandbags for scour protection or cable protection (para 58 or 127)
- For examples of oil and fluids in the OSP, (para 90 and table 17)
- Cables are typically constructed with an inner core of copper or Aluminium (para 117).

ML3: Gwynt y Môr OWF connection works

- Iron/steel such cable armour (section 1.8.10)
- Concrete such as cable protection (para 125)
- Stone/rock such as cable protection (para 124)
- Plastic/synthetics such as the outer layers of cable insulation or flow energy dissipation devices (para 111 or 126)
- Sand such as sandbags for cable protection (para 127)

- Cables are typically constructed with an inner core of copper or Aluminium (para 111).

8(b). Delivery method of materials to site

If sea delivery, please include details of vessels to be used with a chart of proposed route and transshipment area. If vehicle delivery, please provide the proposed access route.

Sea delivery. Details of vessels to be provided before commencement of works. Please see document 6.2.1 Offshore Project Description – para 27.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8(c). Will the works involve removals seaward of MHWS? Yes ☒ No ☐

8(c) (i). Description of materials to be removed seaward of MHWS (Please tick all that apply)

Timber	☒	Iron/Steel	☐	Concrete	☒	Biocides/other chemicals	☐
Silt	☒	Stone/Rock	☒	Gravel	☒	Plastic/Synthetics	☐
Sand	☒	Other	☐				

8(c) (ii). Description of objects/materials to be removed seaward of MHWS

Including quantities to be removed.

Please see document 6.2.1 Offshore Project Description. Specific examples:

ML1, 2 & 3:

- Boulder clearance and a pre-lay grapnel run are typically used prior to cable installation to reduce the risk of cable installation issues. Additionally, some foundation types required seabed preparation prior to installation. As such, objects or materials may be removed from the seabed. These are typically *stone* or *rock* but if materials such as *timber* or *concrete* are identified then these may be removed. See section 1.6.2, 1.6.5 and 1.6.6.
- *Sand*, *silt* and *gravel* exist on the seafloor and may be removed or moved as part of sandwave clearance. See section 1.6.3.
- Decommissioning of the offshore wind farm (works as described in answer to question 8(a)). See document 6.2.1 Offshore Project Description section 1.11. Please also see document ML-XXX for a tabulated record of all project parameters to be deposited and/or removed subject to phase of works.

ML1: generation assets

- N/A except as above.

ML2: transmission assets

- *Timber* groynes on the beach will be temporarily removed to enable cable installation activities at landfall. These will then be replaced.
- Existing *concrete* waste material is present on the beach and may need to be removed to enable the landfall cable installation works.

ML3: Gwynt y Môr OWF connection works

- Stone/rock forming part of the existing GyM OSP cable protection may be removed to enable the cable connection works.

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

For works involving any of the above, please provide the following information

9(a). Is the material to be deposited like for like to existing material? Yes ☐ No ☐

9(a)(i) If No for Beach Replenishment please provide justification why?

N/A

9(b). Description of material to be deposited

Please provide the grading specification of materials to be used, if using a range of grain sizes please state the percentage by weight passing. *If unsure, please refer to the Wentworth Scale*

N/A

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

9(c). Source of the material to be deposited

Including dredged or land based stating the origin of material

N/A

9(d). Has the material been chemically analysed?

Yes ☐ No ☐

If material has been analysed, we may request this information to determine the application

9(d) (i) If Yes, is the analysis data been included with the application? Yes ☐ No ☐

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS?

Yes ☒ No ☐

This includes construction materials, removed objects/material, jetties or cofferdams

If **Yes**, please continue with section **10**

10(b). Please provide the location of temporary deposits

Please include a map/chart displaying the location of temporary deposits, if necessary.

Please see:
Document 6.2.1 Offshore Project Description

ML-2.13 Marine Licence plans (temporary deposits could be anywhere within the areas shown in the Marine Licence plans).

10(c). Description of temporary deposits

Please see document 6.2.1 Offshore Project Description for further information. Examples of temporary deposits within the Marine Licence areas are:

- Wet storage of items such as anchors and cable (para 50).
- Excavation of trenches for cable installation. Material is typically deposited adjacent to the trench and these pits are subsequently backfilled with the same material (para 113).
- Excavation of pits (with material typically deposited adjacent to the pit) for cable joints or for trenchless exit pits. These pits are subsequently backfilled (para 132 and 148).
- Construction of cofferdams around trenchless exit pits, where required and feasible, to assist the trenchless installation work (para 148).

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

11. Dredge and Disposal of Dredge Material

If you are undertaking Dredge and Disposal activities please also complete the Dredge and Disposal application form and submit together.

11(a). Do you intend to apply for a marine licence to dispose of dredged material to sea as part of the works in this application? Yes ☒ No ☐

The planned approach is to include provision for disposal of dredged material within the array area of the proposed project. The application includes a dredge/disposal characterisation report which supports disposal of naturally occurring materials from within the proposed array area into the proposed array area disposal site (the boundary of which is anticipated to match). We would anticipate the designated disposal site reference number being referred to in each of the proposed marine licences. Should other areas (e.g. the export cable route) need to be designated, we would do so later.

Please see site characterisation report: DCO application ref: 8.9.

12. Protected Sites

Licensing Authorities have a duty to ensure that projects will **not have significant adverse environmental impact**, particularly on any designated **European Site of Conservation Importance - Special Areas of Conservation (SAC) and Special Protection Areas (SPA)**, listed under the **Habitats Directive (Council Directive 92/42/EEC on the conservation of natural habitats and of wild fauna and flora)**. In addition, it is Government Policy that Wetlands of International Importance (Ramsar sites) are also considered as European Sites. There is a duty to take reasonable steps to further the conservation and enhancement of nationally designated sites (Sites of Special Scientific Interest (SSSIs)).

12(a). Have you had pre-application correspondence with NRW, its legacy bodies or Natural England? Yes ☒ No ☐

12(a)(i). If Yes, please provide copies of correspondence with application and state which team(s) you have contacted?

Extensive consultation with NRW as set out in document 5.1 Consultation Report (and appendices, 5.1.1 and 5.1.2).

12(b). Are any part of the works located *within or likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar) Yes ☐ No ☒

12(b)(i). If Yes, which designated site(s) may be affected?

Please see document 5.2, Report to Inform Appropriate Assessment and accompanying annexes (5.2.1 to 5.2.8).

12(c). Please provide a description of all mitigation measures proposed to avoid any impact on designated conservation sites.

Please see document 8.11 Schedule of Mitigation.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

12(d). If the works are not located *within or likely to affect* a designated conservation site, please indicate the approximate distance to the nearest designated conservation site.

Please see documents:
5.2 Report to Inform Appropriate Assessment and accompanying annexes (5.2.1 to 5.2.8)
2.8 Nature Conservation Plan

Please note that if the proposed works are in or within 2km of a European Site of Conservation Importance you will have to provide suitable mitigation measure to avoid any impact on designated conservation sites.

13. Other Consents

Please detail all consents that you have applied for or received for these works

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)				
Name and Address of LPA for location of works	Denbighshire County Council, PO Box 62, Ruthin, LL15 9AZ			
Land Owners Consent such as The Crown Estate Consent	26 June 2020		None provided	Lease will be for 60 years
Port Authority or Local Harbour permissions				
Other NRW consents such as Flood Defence or SSSI assent				
Details of NRW consent				
Other consents such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction				
Details of other consents	Development Consent Order under the PA2008 via the Planning Inspectorate			
	20 Apr 2022		EN010112	
	Energy generation licence under Electricity Act 1989			
			None provided	In force from 28 Jan 2021

14. Statutory Powers

14(a). Does the applicant have statutory powers to consent any aspect of the project?

E.g. coast protection authority, dredging powers, statutory undertakers Yes ☒ No ☐

14(a)(i). If Yes, please give details and state the relevant legislation that gives these powers

Electricity Act 1989

15. Public Register

Under The Marine Licensing (Register of Licensing Information)(Wales) Regulations 2011 and the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended) , all information contained within or provided in support of this application will be placed on the Public Register unless NRW approve of the applicant's reasons for withholding all or part.

15. Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

15(a). Would be contrary to the interest of National Security? Yes ☐ No ☒

15(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? Yes ☐ No ☒

If **Yes** to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

16. Application Fee

16(a). What are the corresponding fee band for this application? Band 2 ☐ Band 3 ☒

16(b) Band 2 Only

Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (✓)	Reference Number
Cheque	N/A	
BACS (not remittance no.)	N/A	
World Pay (phone or CC1)	N/A	

16(c) Band 3 Application only

Band 3 applications are charged at on hourly rate of £120 and are invoiced in arrears. Please complete the details below which will be required for invoicing.

Customer Name

Awel y Môr Offshore Windfarm Ltd

FAO	Paul Carter
Purchase order number	4200062874
Address for invoice	Awel y Môr Offshore Windfarm Ltd, Accounts Payable, Zentraler Rechnungseingang, D-45096 Essen
Telephone Number	07919 291689
Email Address	paul.carter@rwe.com

17. Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information and can invalidate any licence granted.

Signature _____ Date _____

Name (in capitals) MARK LEGERTON

Position in Company Director

*Applications cannot be processed unless signed by the **Applicant** (not agent), the applicant must have appropriate level of authority within the company.*

Applications will not be processed unless signed