Partners in UK offshore wind

Morgan Offshore Wind Project Generation Assets

This is an indicative image of what the Morgan Offshore Wind Project Generation Assets could look like. Its actual design may differ.

Project update: Autumn 2023

Morgan Offshore Wind Project array boundary to be reduced

As part of our ongoing work to develop our plans for the Morgan Offshore Wind Project Generation Assets, we would like to announce a reduction to the size of the array boundary. We believe this further mitigates potential effects on other marine users.

This announcement follows analysis of the feedback that was submitted in response to the information published within our Preliminary Environmental Information Report (PEIR). We would like to thank everyone who has engaged with the project previously. This announcement has also been informed by our ongoing surveys, assessments and technical studies.

We are now working towards the submission of the project's Development Consent Order (DCO) in 2024.

Throughout the development of the Morgan Offshore Wind Project Generation Assets, we have carried out assessments to understand how the array area could potentially affect other marine users and industries.

Alongside this, we have been working closely with stakeholders to understand the potential effects of the proposed offshore wind farm and how we can work together to mitigate any likely significant effects.

Through this engagement, and from the feedback we received during our two previous stages of consultation, we are also aware that the Morgan Offshore Wind Project Generation Assets' potential effects on ferry routes is a concern for people – both individually and when considered alongside other developments in the Irish Sea.

Feedback received during our statutory consultation earlier this year, alongside further engineering, environmental and technical work, has informed our decision to reduce the array boundary from what was presented in our PEIR, approximately 322 square kilometres (km^2), to approximately 280km^2.

If you have any questions about this update or any other aspect of the project, please contact the project team by using the contact details on the back page of this newsletter.

Please note that this newsletter relates to the Morgan Offshore Wind Project Generation Assets only. For information about the Morecambe Offshore Windfarm Generation Assets, please visit **www.morecambeandmorgan.com/morecambe**. For information about the Mona Offshore Wind Project Generation Assets, please visit **www.morganandmona.com**.

Reducing potential effects on marine users

We believe that a reduction in the array boundary further reduces the potential effect of the Morgan Offshore Wind Project Generation Assets on ferry operators and other marine users. We also believe it will reduce potential cumulative effects when considered alongside neighbouring developments. To ensure a joined-up approach, we've been working collaboratively with the developers of neighbouring projects.

To promote co-existence with fishing activities, we are committing to maintaining an area within the array boundary that will be free of wind turbines and offshore substation platform(s). Additionally, we have increased the spacing from approximately 1,000m between rows of wind turbines and approximately 875m between each turbine in a row, to a minimum spacing of approximately 1,400m, both within and between rows.

We are also committing to maintaining two 'lines of orientation' through the array area and our wind turbine rows will generally be orientated north to south.

We believe this will further aid in the safety of marine navigation, fishing activities and search and rescue within the array boundary.

Our wind farm is still expected to generate 1.5 gigawatts (GW)

Importantly, reducing our array area doesn't mean our wind farm will generate less energy. Morgan Offshore Wind Project Generation Assets is still anticipated to generate a nominal capacity of 1.5GW and the project's wind turbines wind turbines have the potential to power the equivalent of around **1.5 million homes**.

As a result of feedback received, we have reduced the maximum number of turbines from 107 to 96.

We have also increased the rotor diameter of the largest wind turbine from 280m to 320m.

Additionally, due to ground conditions, we have removed the option of using monopile foundations but are still considering using gravity base and / or jacket foundations.

We will continue to undertake assessments and engage with stakeholders ahead of developing our Environmental Statement (ES) and submitting our DCO application next year.

Further surveys and assessments

A number of surveys are currently being undertaken to help us refine the design for the project's wind turbine foundations.

We will collect seabed data from different locations inside the array boundary and our surveys will comprise seabed deployed piezocone penetration tests (CPTs). CPTs will have a target depth of between 20m and 90m below the seafloor.

These surveys will allow us to better understand the condition of the seabed, which will influence the end design of the project.

The survey vessel will operate on a 24-hour basis and will always display the appropriate day shapes and lights during operations.

Surveys are subject to weather and on-site conditions, meaning dates may change at short notice.

Full details can be found in the Notice to Marines (NtM), which will be issued prior to surveys commencing. A copy of this notice will be available to view on our website: **www.morecambeandmorgan.com/morgan**.

Next steps

We plan to submit our DCO application to the Planning Inspectorate to the Planning Inspectorate on behalf of the Secretary of State for Energy Security and Net Zero next year.

If our application is accepted, a pre-examination stage will begin. People can request to take part in the examination process by registering as an interested party on the Planning Inspectorate's website.

The Planning Inspectorate will then examine the application, with input from interested parties and statutory consultees. The examination period is expected to be a maximum of six months.

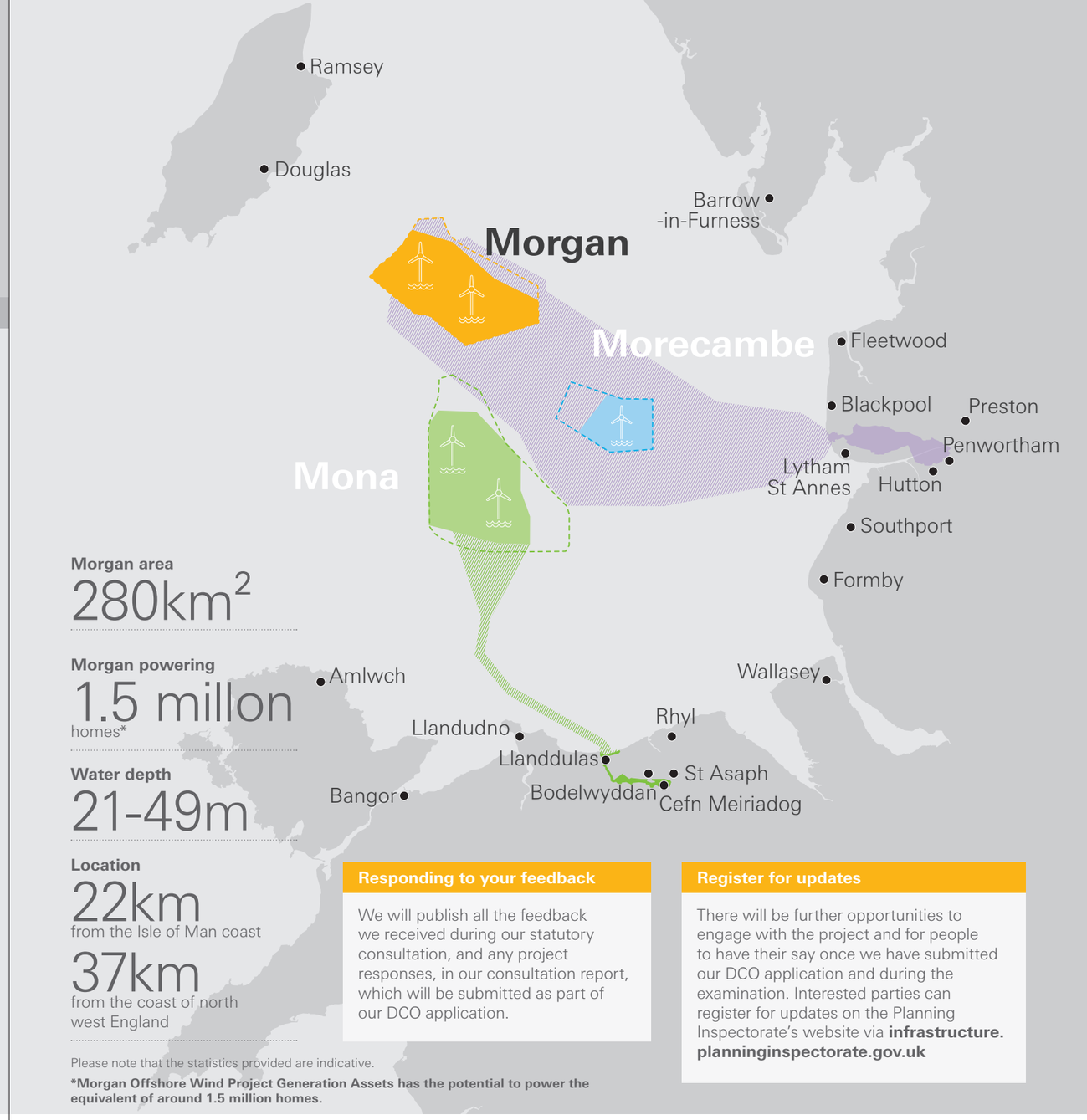
Following the examination, the Planning Inspectorate will present its recommendation to the Secretary of State, who will then make the final decision on whether the application should be granted planning consent.

We anticipate a final decision being made on our application in 2025. If the application is successful, we expect to start construction in 2026 at the earliest.

In the meantime, in order to develop the best possible project, we will continue to engage with stakeholders and update the assessments presented in our PEIR following the reduction to our array boundary.

Key

- Morecambe Offshore Windfarm Generation Assets, Reduced Array Boundary
- Morecambe Offshore Windfarm Generation Assets, PEIR Boundary
- Morgan Offshore Wind Project Generation Assets, Reduced Array Boundary
- Morgan Offshore Wind Project Generation Assets, PEIR Boundary
- Mona Offshore Wind Project Generation Assets, Reduced Array Boundary
- Mona Offshore Wind Project Generation Assets, PEIR Boundary
- Morgan and Morecambe Offshore Wind Farms: Transmission Assets
- Mona Offshore Wind Project Generation Assets, Transmission Assets Search Area



Morgan area
280km²

Morgan powering
1.5 millon homes*

Water depth
21-49m

Location
22km from the Isle of Man coast

37km from the coast of north west England

Please note that the statistics provided are indicative.

***Morgan Offshore Wind Project Generation Assets has the potential to power the equivalent of around 1.5 million homes.**

Responding to your feedback

We will publish all the feedback we received during our statutory consultation, and any project responses, in our consultation report, which will be submitted as part of our DCO application.

Register for updates

There will be further opportunities to engage with the project and for people to have their say once we have submitted our DCO application and during the examination. Interested parties can register for updates on the Planning Inspectorate's website via **infrastructure.planninginspectorate.gov.uk**

Indicative timeline

We are here

2022
Ongoing technical and environmental survey work.

Non-statutory consultation on Morecambe and Morgan offshore windfarms.

2023
Statutory consultation on Morgan Offshore Wind Project Generation Assets.

Continued technical and environmental survey work.

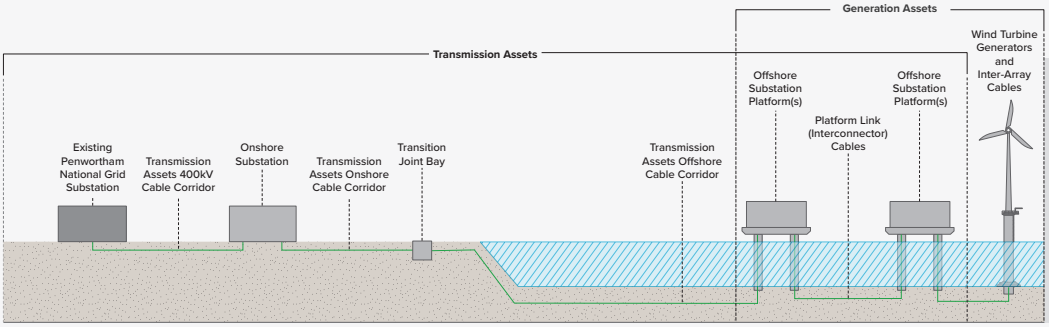
2024
DCO application submitted.

2026
Earliest anticipated commencement of construction.

2028/29
Expected start – Commercial Operation Date (COD).

Correct at time of publication: September 2023.
Please note that this is an indicative timeline subject to change.

Statutory consultation starts soon for Morgan and Morecambe Offshore Wind Farms: Transmission Assets



This indicative diagram illustrates which part of the projects are classified as Generation Assets (Morecambe Offshore Windfarm and Morgan Offshore Wind Project) and which parts are classified as Transmission Assets (Morgan and Morecambe Offshore Wind Farms: Transmission Assets).

Morgan and Morecambe Offshore Wind Farms: Transmission Assets refers to the offshore and onshore assets that will be used to transport electricity from Morecambe Offshore Windfarm and the Morgan Offshore Wind Project to the National Grid substation at Penwortham. Both projects intend to submit a joint application for development consent for the Transmission Assets. This will comprise of offshore and onshore export cables, offshore substation platform(s), onshore substations, other associated grid infrastructure and an offshore booster station for the Morgan Offshore Wind Project.

A statutory consultation for the Transmission Assets Project will begin on **Thursday 12 October 2023** and close at 23:59 on **Thursday 23 November 2023**. It will be carried out in accordance with the requirement of the Planning Act 2008.

While interlinked, the statutory consultation and subsequent application for development consent for the Transmission Assets Project is separate from Morecambe Offshore Windfarm Generation Assets and Morgan Offshore Wind Project Generation Assets — both of which will require their own DCO applications.

The approach to engagement and consultation is to seek general feedback on Transmission Assets proposals, including a specific focus on:

- The Preliminary Environmental Information Report (PEIR).
- Refined Red Line Boundary and the location of the Transmission Assets.
- How the likely environmental effects of the Transmission Assets Project can be minimised.

During the consultation there will be a series of in-person and online events where people will have an opportunity to speak to the team, find out more about the proposals, and ask any questions they may have. At the start of the consultation, the Transmission Assets Project website will be updated and include all consultation materials and information on how you can take part.

This is an indicative image of a typical offshore windfarm. The actual design of Morecambe Offshore Windfarm Generation Assets and Morgan Offshore Wind Project Generation Assets may differ.

Morgan and Morecambe Offshore Wind Farms: Transmission Assets

If you would like any more information or have any questions about **Morgan and Morecambe Offshore Wind Farms: Transmission Assets**, contact the project team by:

Visiting
www.morecambeandmorgan.com/transmission

Calling
0800 915 2493 (Option 3)

Emailing
info@morecambeandmorgan.com

Writing to
FREEPOST MORECAMBE AND MORGAN

For more information:

Visit:
www.morecambeandmorgan.com/morgan
or scan the QR code

Email:
info@morganoffshorewind.com

Write to us at:
FREEPOST MORGAN

Call:
0800 915 2493 (Option 1)