



# MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

## Consultation Report Annex

Annex E1.8: Statutory Consultation 12 October – 23 November 2023 (Part 2 of 2)



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**Prepared by:**

**RPS**

**Prepared for:**

**Morgan Offshore Wind Limited  
Morecambe Offshore Windfarm Ltd**

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## **E1.8      Statutory Consultation 12 October – 23 November 2023**

## E1.8.8 Media releases and coverage

## **E1.8.8.1 Media release: Consultation launch 9 October 2023**

## PRESS RELEASES

Monday 09 October 2023

### Consultation launches for Morgan and Morecambe transmission assets

- The consultation will run for 6 weeks for local communities and stakeholders to provide feedback
- When operational, the wind farms could power the equivalent of around two million homes

Statutory consultation for Morgan and Morecambe offshore wind farms' transmission assets will take place from 12 October to 23 November for local communities and stakeholders to review the current proposals and submit feedback. The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

The Morgan Offshore Wind Farm is being developed under a joint venture between bp and EnBW Energie Baden-Württemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Throughout October and November 2023, several events will be hosted across different locations in North West England and the Isle of Man. These events will provide an opportunity for local residents and stakeholders to learn more about each project and ask questions. The full events schedule is available online and is open for those wanting to provide feedback on the consultation or find out more about the project's transmission assets.

Although Morgan and Morecambe aim to share their transmission works, and the projects are closely linked, both wind farms are expected to submit their own development consent orders. The applications for those orders are expected to be submitted in 2024.

*This consultation is a crucial step in the planning and development of our offshore wind projects. Our joint approach has been designed to minimise the impact on the environment and local communities. We are absolutely committed to making sure we deliver the project in a way that works for people who live and work in the areas where the transmission assets are located. Feedback will help shape our proposals and provide us with vital local knowledge as we develop our plans. We look forward to the continued discussions and getting closer to delivering UK offshore wind power.*

Richard Haydock, programme director, UK offshore wind

*Following a very productive consultation on the offshore element of the wind farms, we are glad to see this process starting now for the transmission portion of the projects, linking the wind turbines to the UK onshore grid at Penwortham. We are looking forward to the dialogue with stakeholders and to working together with our neighbour Morecambe in contributing to the needed energy transition.*

Burkhard Römhild, project director Morgan & Mona, EnBW

*"Our collaboration with the Morgan Offshore Wind Project on the transmission assets not only enables a more pragmatic and simplified approach for the proposed projects' design and implementation, but it also helps to streamline the consultation process for our stakeholders. Consultation is a vital step in the successful delivery of Morecambe and Morgan, and we welcome the opportunity to further engage with our local community groups and residents to understand, address and mitigate any potential impacts. These projects will play a key role in the UK's journey to net zero by 2050 through the generation of clean, renewable electricity and can support job security and kickstart a local supply chain dedicated to offshore wind delivery. We're excited to share our updates and plans with the community at these upcoming events.*

Al Rayner, Project Director for Morecambe Offshore Windfarm Ltd

## **E1.8.8.2 Media release: Consultation launch in situ – bp and EnBW Project website**





[< News](#)

PRESS RELEASES

Thursday, 12 October 2023

## Consultation launches for Morgan and Morecambe offshore wind farms' transmission assets

- The consultation will run for 6 weeks for local communities and stakeholders to provide feedback
- When operational, the wind farms could power the equivalent of around two million homes

Statutory consultation for Morgan and Morecambe offshore wind farms' transmission assets will take place from 12 October to 23 November for local communities and stakeholders to review the current proposals and submit feedback. The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

The Morgan Offshore Wind Farm is being developed under a joint venture between bp and EnBW Energie Baden-Württemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Throughout October and November 2023, several events will be hosted across different locations in North West England and the Isle of Man. These events will provide an opportunity for local residents and stakeholders to learn more about each project and ask questions. The full events schedule is [available online](#) and is open for those wanting to provide feedback on the consultation or find out more about the project's transmission assets. Although Morgan and Morecambe aim to share their transmission works, and the projects are closely linked, both wind farms are expected to submit their own development consent orders. The applications for those orders are expected to be submitted in 2024.

Richard Haydock, programme director, UK offshore wind, bp, said:

"This consultation is a crucial step in the planning and development of our offshore wind projects. Our joint approach has been designed to minimise the impact on the environment and local communities. We are absolutely committed to making sure we deliver the project in a way that works for people who live and work in the areas where the transmission assets are located.

"Feedback will help shape our proposals and provide us with vital local knowledge as we develop our plans. We look forward to the continued discussions and getting closer to delivering UK offshore wind power."

Burkhard Römhild, project director Morgan & Mona, EnBW, added:

"Following a very productive consultation on the offshore element of the wind farms, we are glad to see this process starting now for the

transmission portion of the projects, linking the wind turbines to the UK onshore grid at Penwortham. We are looking forward to the dialogue with stakeholders and to working together with our neighbour Morecambe in contributing to the needed energy transition.”

Al Rayner, Project Director for Morecambe Offshore Windfarm Ltd said:

“Our collaboration with the Morgan Offshore Wind Project on the transmission assets not only enables a more pragmatic and simplified approach for the proposed projects’ design and implementation, but it also helps to streamline the consultation process for our stakeholders. Consultation is a vital step in the successful delivery of Morecambe and Morgan, and we welcome the opportunity to further engage with our local community groups and residents to understand, address and mitigate any potential impacts. “These projects will play a key role in the UK’s journey to net zero by 2050 through the generation of clean, renewable electricity and can support job security and kickstart a local supply chain dedicated to offshore wind delivery. We’re excited to share our updates and plans with the community at these upcoming events.” Feedback can be provided for Morgan and Morecambe transmission assets consultation at: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

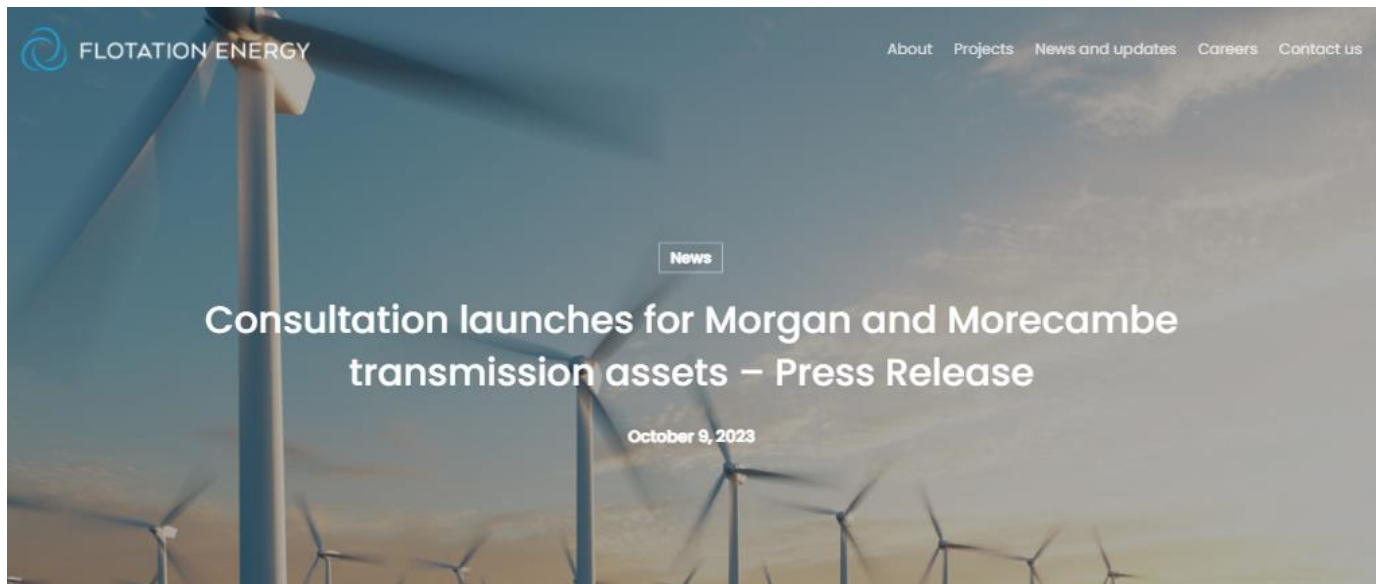
-ENDS-

About bp

bp's purpose is to reimagine energy for people and our planet. bp has set out an ambition to be a net zero company by 2050, or sooner, and help the world get to net zero. This strategy will see bp transform from an international oil company producing resources - to an integrated energy company providing solutions to customers. bp already has a significant onshore wind business in the US with a gross generating capacity of approximately 1.7GW, operating nine wind assets across the country as well as a 9.3GW net offshore pipeline.

About EnBW

### **E1.8.8.3 Media release: Consultation launch in situ – Flotation Energy website**



- The consultation will run for 6 weeks for local communities and stakeholders to provide feedback
- When operational, the wind farms could power the equivalent of around two million homes

Statutory consultation for Morgan and Morecambe offshore wind farms' transmission assets will take place from 12 October to 23 November for local communities and stakeholders to review the current proposals and submit feedback. The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

The Morgan Offshore Wind Farm is being developed under a joint venture between bp and EnBW Energie Baden-Württemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Throughout October and November 2023, several events will be hosted across different locations in North West England and the Isle of Man. These events will provide an opportunity for local residents and stakeholders to learn more about each project and ask questions. The full events schedule is available [online](#) and is open for those wanting to provide feedback on the consultation or find out more about the project's transmission assets.

Although Morgan and Morecambe aim to share their transmission works, and the projects are closely linked, both wind farms are expected to submit their own development consent orders. The applications for those orders are expected to be submitted in 2024.

## //

This consultation is a crucial step in the planning and development of our offshore wind projects. Our joint approach has been designed to minimise the impact on the environment and local communities. We are absolutely committed to making sure we deliver the project in a way that works for people who live and work in the areas where the transmission assets are located. Feedback will help shape our proposals and provide us with vital local knowledge as we develop our plans. We look forward to the continued discussions and getting closer to delivering UK offshore wind power.

Richard Haydock, programme director, UK offshore wind



Following a very productive consultation on the offshore element of the wind farms, we are glad to see this process starting now for the transmission portion of the projects, linking the wind turbines to the UK onshore grid at Penwortham. We are looking forward to the dialogue with stakeholders and to working together with our neighbour Morecambe in contributing to the needed energy transition.

Burkhard Römhild, project director Morgan & Mona, EnBW



Our collaboration with the Morgan Offshore Wind Project on the transmission assets not only enables a more pragmatic and simplified approach for the proposed projects' design and implementation, but it also helps to streamline the consultation process for our stakeholders. Consultation is a vital step in the successful delivery of Morecambe and Morgan, and we welcome the opportunity to further engage with our local community groups and residents to understand, address and mitigate any potential impacts. These projects will play a key role in the UK's journey to net zero by 2050 through the generation of clean, renewable electricity and can support job security and kickstart a local supply chain dedicated to offshore wind delivery. We're excited to share our updates and plans with the community at these upcoming events.

Al Rayner, Project Director for Morecambe Offshore Windfarm Ltd

## E1.8.8.4 Media release: Consultation closing soon 9 November 2023

## **PRESS RELEASES**

**Thursday, 9 November 2023**

### **Consultation for Morgan and Morecambe offshore wind farm's Transmission Assets closing soon**

Statutory consultation for the transmission assets of Irish Sea offshore wind projects Morgan and Morecambe will close on 23 November 2023. The consultation ends six weeks after it launched, giving local stakeholders and residents the opportunity to provide feedback on the current proposals and learn more about the projects.

Those wanting to provide feedback can do so via email, in writing, or through the online consultation hub, as well as finding out more information about the projects. All responses to the consultation must be received before midnight on 23 November 2023.

The consultation focuses on the proposed onshore substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report, and all assessment work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

Morgan and Morecambe offshore wind farms are being developed by two joint ventures between bp and EnBW Energie Baden-Württemberg AG (Morgan), and Cobra and Flotation Energy (Morecambe), respectively. When operational both projects have the combined potential generation of approximately 2GW and are anticipated to contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Richard Haydock, programme director, UK offshore wind, bp, said: "We greatly appreciate and value the interest from the community and stakeholders throughout the consultation so far. We are looking forward to hearing more from the public on our proposals in the final weeks of the consultation and encourage those who have not yet provided feedback to do so."

Al Rayner, Project Director for Morecambe said: "Morgan and Morecambe, by their nature, are collaborative projects and we carry that ethos through to our engagement with local communities. Continuing the dialog is vital as we progress our plans. The success of our projects relies heavily on the information and advice we receive from the general public, local authority and environmental groups and we look forward to welcoming more people to our remaining events this month."

-ENDS-

*Notes to Editors*

*About bp*

bp's purpose is to reimagine energy for people and our planet. bp has set out an ambition to be a net zero company by 2050, or sooner, and help the world get to net zero. This strategy will see bp transform from an international oil company producing resources - to an integrated energy company providing solutions to customers. bp already has a significant onshore wind business in the US with a gross generating capacity of approximately 1.7GW, operating nine wind assets across the country as well as a 9.3GW net offshore pipeline.

*About EnBW*

Energie Baden-Württemberg AG EnBW is one of the largest energy supply companies in Germany and Europe, with a workforce of 27,000 employees supplying energy to around 5.5 million customers. Installed renewable energy capacity will account for 50 percent of EnBW's generating portfolio by the end of 2025. EnBW was among the pioneers in offshore wind power with its Baltic 1 wind farm in the Baltic Sea. EnBW has developed, constructed and operates four offshore wind farms in Germany with a total installed capacity of 945 MW. Another 960 MW from the offshore wind farm He Dreiht are currently under development; the final investment decision in March 2023 cleared the way for the start of construction.

*About Cobra*



Cobra is a world leader in the development, construction and management of industrial infrastructures and energy projects, with 80 years of experience. Cobra is a world leader with the capability and determination to develop, build and operate industrial and energy infrastructures that require a high level of service, based on excellence in integration, technological innovation and financial strength.

Our unrivalled knowledge and understanding of floating offshore wind developments is a significant advantage in delivering a high quality and efficient project, coupled with our commitment to environmental stewardship. Our experience as a major player in offshore wind is based on a 50 MW project in operation and over 11.2 GW under development.

#### *Flotation Energy*

Flotation Energy, headquartered in Edinburgh, Scotland, is leading the way in the development of the offshore wind projects and pioneering the future of renewable energy. It has a growing project pipeline, managing 13GW of offshore wind projects in the UK, Ireland, Taiwan, Japan and Australia; with plans to expand into many more key markets. Its core strengths lie in building and operating offshore windfarms in new offshore locations around the globe with expertise in project and engineering management of large infrastructure projects. Determined to support the global movement to Net Zero and sustainable energy consumption, we recognise the benefits of collaboration and working in partnership with other developers to deliver proven, cost-effective solutions.

#### *Further enquiries*

Morgan and Mona: bp press office, [bppress@bp.com](mailto:bppress@bp.com); EnBW: [REDACTED]  
Morecambe: Contact Us - Flotation Energy

#### *Cautionary statement:*

In order to utilize the 'safe harbor' provisions of the United States Private Securities Litigation Reform Act of 1995 (the 'PSLRA'), bp is providing the following cautionary statement. This press release contains certain forward-looking statements – that is, statements related to future, not past events and circumstances – which may relate to one or more of the financial condition, results of operations and businesses of bp and certain of the plans and objectives of bp with respect to these items. These statements are generally, but not always, identified by the use of words such as 'will', 'expects', 'is expected to', 'aims', 'should', 'may', 'objective', 'is likely to', 'intends', 'believes', 'anticipates', 'plans', 'we see' or similar expressions. Actual results may differ from those expressed in such statements, depending on a variety of factors including the risk factors set forth in our most recent Annual Report and Form 20-F under "Risk factors" and in any of our more recent public reports.

Our most recent Annual Report and Form 20-F and other period filings are available on our website at [www.bp.com](http://www.bp.com), or can be obtained from the SEC by calling 1-800-SEC-0330 or on its website at [www.sec.gov](http://www.sec.gov).

## **E1.8.8.5 Media release: Consultation closing soon in situ – bp and EnBW Project website**



[< News](#)

PRESS RELEASES

Thursday, 9 November 2023

# Consultation for Morgan and Morecambe offshore wind farm's Transmission Assets closing soon

Statutory consultation for the transmission assets of Irish Sea offshore wind projects Morgan and Morecambe will close on 23 November 2023. The consultation ends six weeks after it launched, giving local stakeholders and residents the opportunity to provide feedback on the current proposals and learn more about the projects.

Those wanting to provide feedback can do so via email, in writing, or through the [online](#) consultation hub, as well as finding out more information about the projects. All responses to the consultation must be received before midnight on 23 November 2023.

The consultation focuses on the proposed onshore substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report, and all assessment work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

Morgan and Morecambe offshore wind farms are being developed by two joint ventures between bp and EnBW Energie Baden-Württemberg AG (Morgan), and Cobra and Flotation Energy (Morecambe), respectively. When operational both projects have the combined potential generation of approximately 2GW and are anticipated to contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

**Richard Haydock, programme director, UK offshore wind, bp, said:** "We greatly appreciate and value the interest from the community and stakeholders throughout the consultation so far. We are looking forward to hearing more from the public on our proposals in the final weeks of the consultation and encourage those who have not yet provided feedback to do so."

**Al Rayner, Project Director for Morecambe said:** "Morgan and Morecambe, by their nature, are collaborative projects and we carry that ethos through to our engagement with local communities. Continuing the dialog is vital as we progress our plans. The success of our projects relies heavily on the information and advice we receive from the general public, local authority and environmental groups and we look forward to welcoming more people to our remaining events this month."

**-ENDS-**

## Notes to Editors

### About bp

bp's purpose is to reimagine energy for people and our planet. bp has set out an ambition to be a net zero company by 2050, or sooner, and help the world get to net zero. This strategy will see bp transform from an international oil company producing resources - to an integrated energy company providing solutions to customers. bp already has a significant onshore wind business in the US with a gross generating capacity of approximately 1.7GW, operating nine wind assets across the country as well as a 9.3GW net offshore pipeline.

## E1.8.8.6 Media coverage: Blackpool Gazette 12 October 2023

## Consultation over windfarm project off Lancashire coast

Public consultation over a radical windfarm energy scheme which could transform the scene off the Lancashire coast opens today – and Fylde folk are being urged to have their say.

By Tony Durkin

Published 12th Oct 2023, 16:30 BST



A company called Morgan Offshore Wind Limited, of Sunbury on Thames, Middlesex, has given notice of its intention to apply to the Secretary of State for Energy Security and Net Zero for consent to develop as part of the offshore wind leasing process a wind farm in the east Irish Sea.

The windfarm has previously been reported as being expected to comprise up to 107 wind turbine generators and cabling to connect the wind turbine generators to each other and to offshore substation platforms.

The notice says the project, a joint venture between bp Alternative Energy Investments Ltd and Energie Baden-Württemberg AG, is expected to have a combined installed capacity of approximately 2GW. Proposed location is understood to be approximately 36km from the north west coast of England and approximately 22km from the Isle of Man.



Consultation documents are available to view at Lytham Library, situated in the Assembly Rooms building on Dicconson Terrace.

Meanwhile, at the same time, company called Morecambe Offshore Windfarm Ltd, with a registered off in Edinburgh, is proposing to submit an application for development consent for up to 40 offshore wind turbine generators, up to two substation platforms and associated items.

That is a joint venture between Cobra Instalaciones y Servicios, S.A. (“Cobra”) and Flotation Energy Ltd and is anticipated to generate a nominal capacity of 480 megawatts (MW) and produce renewable power for over 500,000 homes in the UK.

At its nearest point, that windfarm site has been reported to be approximately 30km from the shore of the Lancashire coast and the applicant says the project will help the UK achieve its target of generating 50GW of power from offshore wind by 2030.

Before making the application, the applicants have a duty to provide a Statement of Community Consultation, which explains the consultation process. Fylde Council, Preston City Council, South Ribble Council, Blackpool Council, Lancashire County Council and West Lancashire Council were all consulted with by the applicant before making the SoCC available to the public and it is now available on the project website [morecambeandmorgan.com](http://morecambeandmorgan.com), with the consultation materials to follow from today (October 12).



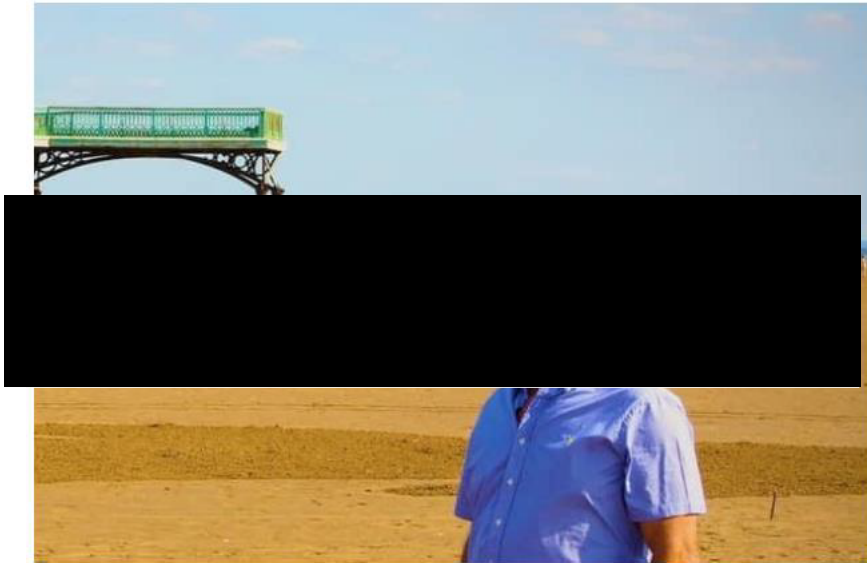
Consultation documents are available to view at St Anne's Library.

Printed copies are available to read at Freckleton Library, Kirkham Library, St Annes Library, Lytham Library and Penwortham Library during normal opening hours until Thursday, November 23.

Inquiries can also be made by email to [hello@morecambeoffshorewind.com](mailto:hello@morecambeoffshorewind.com) or by phone on 0800 915 2493 (option 3).

During the consultation period, the developers' project team will be hosting a series of drop-in consultation events, pop up events, and an online webinar to provide further details and answer questions on the project.

The proposed new offshore windfarms would together have the potential to generate enough electricity to power almost two million homes.



Fylde councillor Tommy Threlfall

Much of the public interest is expected to be in what the developers term Transmission Assets – to transform the electricity generated and connect it to the National Grid substation at Penwortham, two new substations and an onshore cabling corridor will need to be built in the Fylde area.

Fylde MP Mark Menzies has already expressed concern at the idea of the potential impact of such facilities on local infrastructure and people's homes.

"I am resolutely opposed to the idea of a new electricity substation being built in rural Fylde," he said.

"The project's communication with residents has to date fallen far short of what I would expect, and it is key that we take this opportunity to make our voices heard and shape the future of the project."

Fylde Council say that the purpose of the consultation is to allow prescribed representatives and local communities to influence the proposed location of the Transmission Assets, and to examine and discuss the Preliminary Environmental Information Report.

That report contains early findings of the environmental impact assessment, details of how the conclusions have been reached, and measures to prevent, reduce or offset any potential environmental effects.

Coun **Tommy Threlfall**, Lead Member for the Environment at Fylde Council, said: "Fylde Council will be actively consulting with the project developers in our capacity as a local authority, and I would encourage our residents to ensure their voices are heard by attending the consultation events, familiarising themselves with the details, and giving their informed opinion."



The Government has said it wants to generate enough wind energy to be able to power every home in the UK by 2030.

Its energy strategy promises a major expansion of offshore wind turbines in the coming years

The target is for 50 gigawatts (GW) of the UK's electricity to be generated by offshore wind by the end of the decade - 5GW of which it is hoped will come from floating platforms in deeper seas off the UK coast.

To this end, the Government is speeding up the time it takes for new projects to be given the go-ahead, including cutting the approval time needed for new offshore wind farms from four years to one.

## E1.8.8.7 Media coverage: Fylde Council News 12 October 2023

### Morgan & Morecambe Offshore Wind Farm Transmission Assets Consultation Opens

Posted on October 12, 2023 by Fylde Council in News

Developers have launched a statutory consultation on the transmission elements of the proposed Morgan and Morecambe Offshore Wind Farms, inviting residents and members of the public to have their say in shaping how the project progresses.

From 12 October through to 23 November 2023, the public will be able to feedback on the plans for the cabling and connection infrastructure that the new windfarms will require, including the location of the assets, and to examine the proposals for minimising potential disruption and environmental effects.

The developer's project team will be hosting a series of drop-in consultation events, pop up events, and an online webinar throughout this period to provide further details and answer questions on the project.

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are two new offshore windfarms being developed in the Irish Sea, which together have the potential to generate almost 2GW of electricity – enough to power almost two million homes. To transform the electricity generated and connect it to the National Grid substation at Penwortham near Preston, two new substations and an onshore cabling corridor – collectively referred to as the project's Transmission Assets – will need to be built in the Fylde area.

The purpose of the consultation is to allow prescribed representatives and local communities to influence the proposed location of the Transmission Assets, and to examine and discuss the Preliminary Environmental Information Report (PEIR). The PEIR contains early findings of the environmental impact assessment, details of how the conclusions have been reached, and measures to prevent, reduce or offset any potential environmental effects.

Cllr Tommy Threlfall, Lead Member for the Environment at Fylde Council, said: "Fylde Council will be actively consulting with the project developers in our capacity as a local authority, and I would encourage our residents to ensure their voices are heard by attending the consultation events, familiarising themselves with the details, and giving their informed opinion."

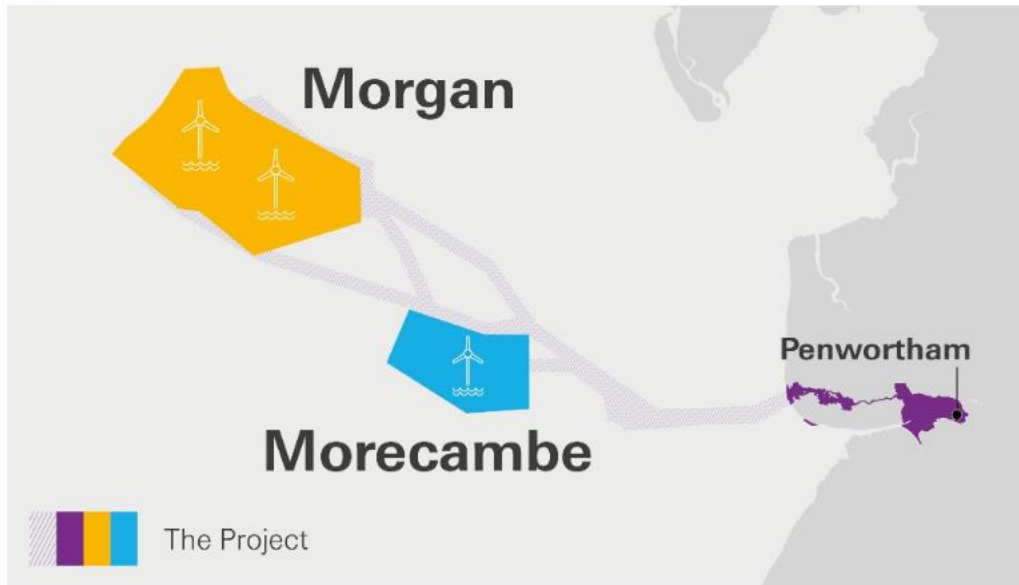
For more information about the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project, including the Statement of Community Consultation and details of when the consultation events will be taking place, visit the project website: <https://morecambeandmorgan.com/transmission/>

Addition:

Fylde Council has responded to the consultation, raising concern about several aspects of the proposal. A copy of Fylde Council's response is available [here](#).

As the development is considered to be a Nationally Significant Infrastructure Project (NSIP) the decision as to whether the project can go ahead will be made by the relevant Secretary of State rather than Fylde Council. More information about the Nationally Significant Infrastructure Projects regime, and how you can get involved if you feel the project will affect you, is available on the Planning Inspectorate's website at: [The process | National Infrastructure Planning \(planninginspectorate.gov.uk\)](https://www.planninginspectorate.gov.uk/)

## E1.8.8.8 Media coverage: Lytham St Anne's News 12 October 2023



# Lytham St. Anne's Consultation Launches For Morgan & Morecambe Offshore Wind Farms

The Morgan and Morecambe Offshore Wind Farms (Transmission Assets Project) are inviting feedback from Lytham St. Anne's residents and businesses on the Project's onshore and offshore proposals that will connect the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the National Grid. The consultation will take place from 12 October to 23 November giving local communities and stakeholders the opportunity to review the current proposals and submit feedback.

The Project includes the following elements:

**Landfall area:** The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling. **The landfall area for the Project is proposed to be located between Blackpool and Lytham St Anne's.** The full suite of consultation materials and information on how to take part can be found on the website: <https://morecambeandmorgan.com/transmission/>

As part of the consultation, there will be a series of public consultation events where you can meet members of the team behind the Project, find out more about the Project and ask any questions you might have.

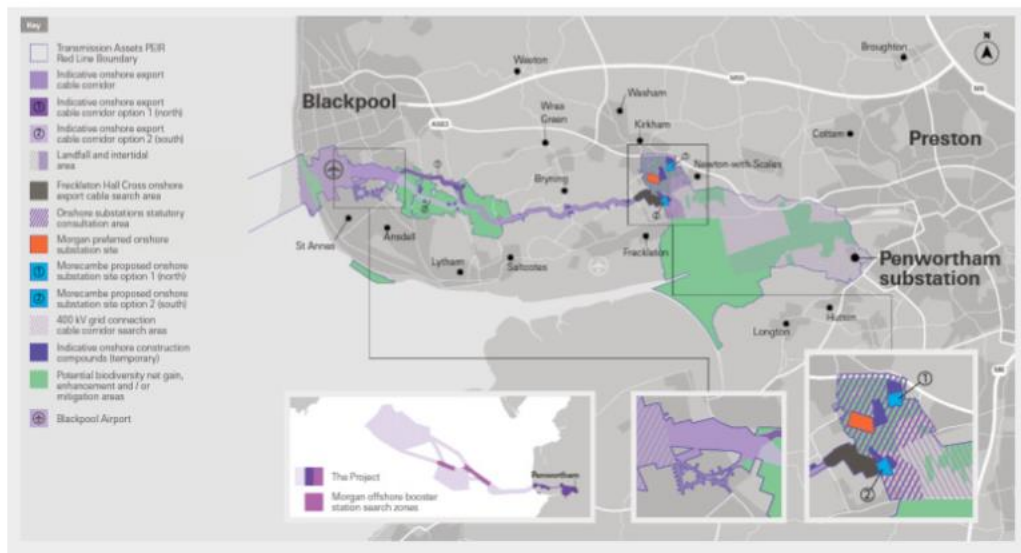
It is proposed that the offshore export cables will be connected to the onshore export cables at transition joint bays. The cables would be installed underground using Horizontal Directional Drilling (HDD), or other trenchless methodologies.

**Shared onshore export cable corridor:** The onshore infrastructure will take electricity from a landfall point to the electricity transmission network. To do this, there will be a need to construct underground cables within an onshore export cable corridor. Associated temporary and permanent areas will also be required to support the construction and / or operation and maintenance phases.

**Onshore substations consultation area:** To connect to the National Grid, two new onshore substations will need to be built. These are located within the onshore substations consultation area, within which is expected to site all temporary and permanent areas associated with the two onshore substations. The different generating capacities of the offshore wind farms means that a larger onshore substation is required for the Morgan Offshore Wind Project. The constraints within the onshore substations consultation area have resulted in the identification of one potential preferred site for the Morgan Offshore Wind Project, and two potential preferred sites for the Morecambe Offshore Windfarm.

**Offshore infrastructure:** Offshore infrastructure associated with the Project includes, but is not limited to, offshore export cables, offshore substation platform(s) and one Morgan offshore booster station.

Areas for potential biodiversity net gain, enhancement and/or mitigation: These include permanent access for operation and maintenance of those areas.



### Consultation events

These are in person drop-in events, meaning you can come along at any time between the hours below. There will be printed materials on display and members of the Project team for you to talk to and find out more.



Please check [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) before attending a consultation event in case of any unforeseen changes.

Location	Date	Time
<b>Newton, Salwick &amp; Clifton Village Hall</b> , Vicarage Lane, Newton-with-Scales, PR4 3RU	Thu 26 Oct	3pm to 7pm
<b>St Annes Cricket Club</b> , Vernon Road, Lytham St Annes, FYB 2RQ	Fri 3 Nov	3pm to 7pm
<b>Fylde Rugby Club</b> , Woodlands Memorial Ground, Blackpool Road, Ansdell, Lytham St Annes, FYB 4EL	Fri 10 Nov	3pm to 7pm
<b>William Segar Hodgson Pavilion</b> , Coronation Road, Kirkham, Preston, PR4 2HE	Sat 11 Nov	10am to 1pm
<b>Douglas Borough Council</b> , Town Hall, Ridgeway Street, Douglas, Isle of Man, IM99 1AD	Thu 16 Nov	3pm to 7pm

### Pop-up events

These are smaller-scale events in public areas with high footfall, but still a great way to meet the Project team and ask any questions you may have.



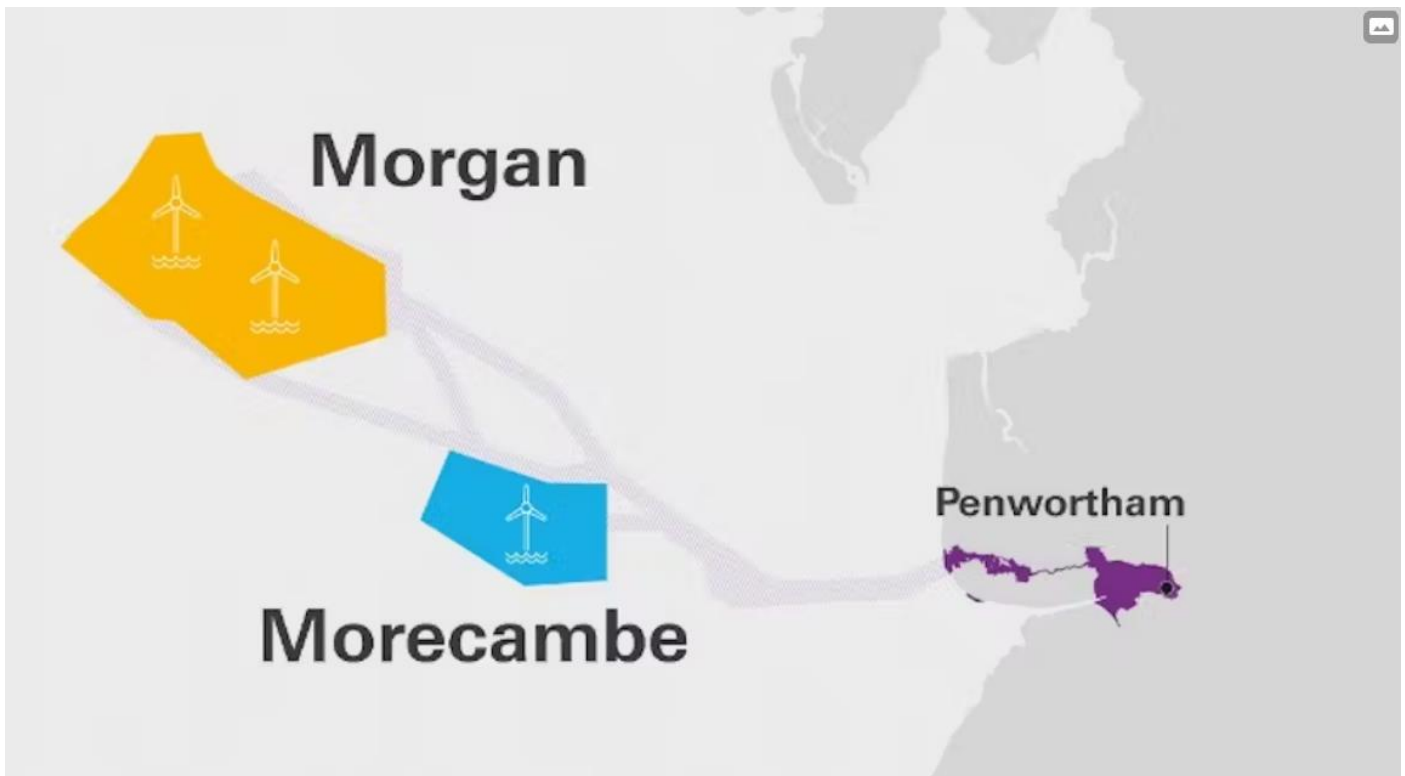
Location	Date	Time
<b>St Annes Farmers Market</b> , St Annes Road West, Lytham St Annes, FYB 1SB	Thu 2 Nov	8am to 1pm
<b>Penwortham Farmers Market</b> , behind St Teresa's Church, Queensway, Penwortham, Preston, PR1 0DS	Sat 4 Nov	8am to 1pm

## E1.8.8.9 Media coverage: Offshore Magazine 12 October 2023

## Proposals for Irish Sea wind farms out for review

A statutory consultation has started for the Morgan and Morecambe offshore wind farms' transmission assets in the East Irish Sea, according to bp, and will continue through Nov. 23.

Oct. 12, 2023



**LONDON** — A statutory consultation has started for the Morgan and Morecambe offshore wind farms' transmission assets in the East Irish Sea, according to bp, and will continue through Nov. 23.

Local communities and interested parties are invited to review the current proposals and submit feedback. The consultation will focus on the proposed substation locations, the offshore and onshore cable routes, the preliminary Environmental Information Report, and all work undertaken so far.

The cables will connect to the existing National Grid Penwortham substation in Lancashire, northwest England.

A joint venture between bp and EnBW Energie Baden-Württemberg is developing the Morgan offshore wind farm, while Morecambe is a joint venture between Cobra and Flotation Energy. Their combined potential power generation is about 2 GW.



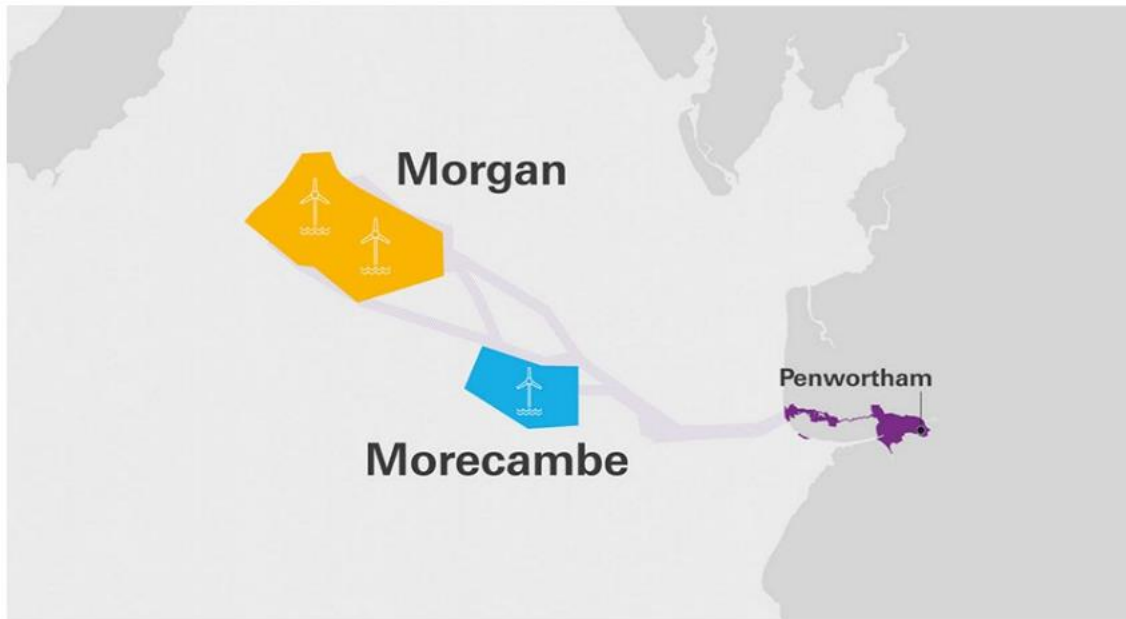
Both sets of co-venturers are collaborating to connect their developments to the national grid. The joint project will comprise permanent and temporary infrastructure including:

- Offshore infrastructure including offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station;
- Landfall works between Mean Low Water Springs and the transition joint bays, including the offshore and onshore cables, inter-tidal working area and landfall construction compound(s), and temporary and permanent access;
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, and onward connections to the Penwortham substation; and
- Areas for biodiversity net gain, enhancement and/or mitigation, including permanent access for operation/maintenance of those areas.

While the projects are closely linked, bp expects the two projects to submit their own development consent orders, with applications set to go forward in 2024.

10.12.2023

## E1.8.8.10 Media coverage: OGV Energy 12 October 2023



## Consultation launches for Morgan and Morecambe offshore wind farms' transmission assets

- The consultation will run for 6 weeks for local communities and stakeholders to provide feedback
- When operational, the wind farms could power the equivalent of around two million homes

Statutory consultation for Morgan and Morecambe offshore wind farms' transmission assets will take place from 12 October to 23 November for local communities and stakeholders to review the current proposals and submit feedback. The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

The Morgan Offshore Wind Farm is being developed under a joint venture between bp and EnBW Energie Baden-Württemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Throughout October and November 2023, several events will be hosted across different locations in North West England and the Isle of Man. These events will provide an opportunity for local residents and stakeholders to learn more about each project and ask questions. The full events schedule is available online and is open for those wanting to provide feedback on the consultation or find out more about the project's transmission assets.

Although Morgan and Morecambe aim to share their transmission works, and the projects are closely linked, both wind farms are expected to submit their own development consent orders. The applications for those orders are expected to be submitted in 2024.

Richard Haydock, programme director, UK offshore wind, bp, said: "This consultation is a crucial step in the planning and development of our offshore wind projects. Our joint approach has been designed to minimise the impact on the environment and local communities. We are absolutely committed to making sure we deliver the project in a way that works for people who live and work in the areas where the transmission assets are located.

"Feedback will help shape our proposals and provide us with vital local knowledge as we develop our plans. We look forward to the continued discussions and getting closer to delivering UK offshore wind power."

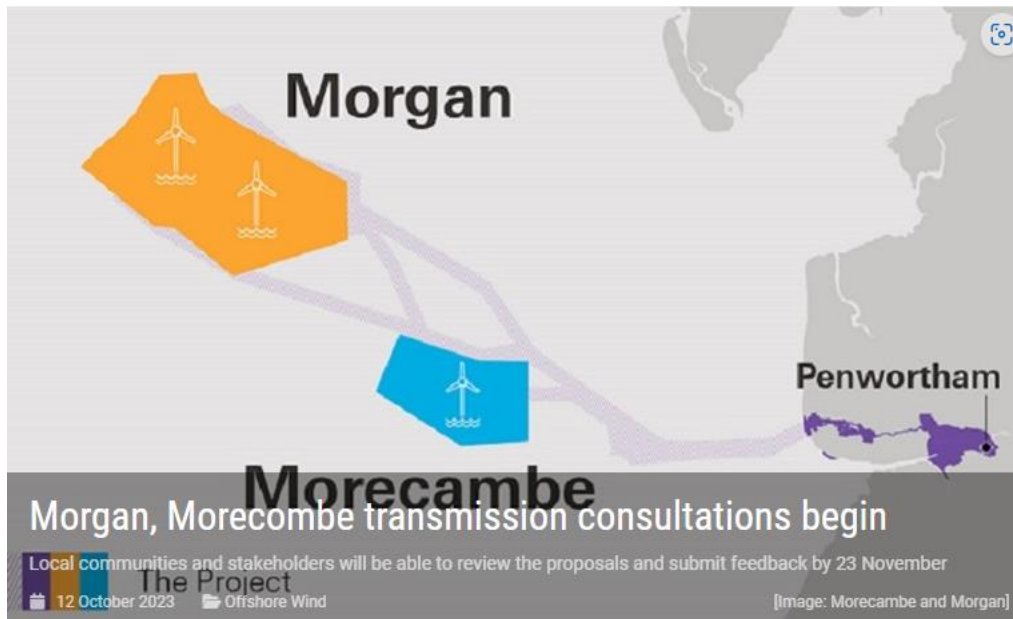
Burkhard Römhild, project director Morgan & Mona, EnBW, added: "Following a very productive consultation on the offshore element of the wind farms, we are glad to see this process starting now for the transmission portion of the projects, linking the wind turbines to the UK onshore grid at Penwortham. We are looking forward to the dialogue with stakeholders and to working together with our neighbour Morecambe in contributing to the needed energy transition."

Al Rayner, Project Director for Morecambe Offshore Windfarm Ltd said: "Our collaboration with the Morgan Offshore Wind Project on the transmission assets not only enables a more pragmatic and simplified approach for the proposed projects' design and implementation, but it also helps to streamline the consultation process for our stakeholders. Consultation is a vital step in the successful delivery of Morecambe and Morgan, and we welcome the opportunity to further engage with our local community groups and residents to understand, address and mitigate any potential impacts."

"These projects will play a key role in the UK's journey to net zero by 2050 through the generation of clean, renewable electricity and can support job security and kickstart a local supply chain dedicated to offshore wind delivery. We're excited to share our updates and plans with the community at these upcoming events."

Feedback can be provided for Morgan and Morecambe transmission assets consultation at:  
[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## E1.8.8.11 Media coverage: Renewables.biz 12 October 2023



Statutory consultation for Morgan and Morecambe offshore wind farms' transmission assets will take place from 12 October to 23 November.

The consultation is an opportunity for local communities and stakeholders to review the current proposals and submit feedback.

The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far.

As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

The Morgan Offshore Wind Farm is being developed under a joint venture between BP and EnBW and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy.

Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Throughout October and November 2023, several events will be hosted across different locations in North West England and the Isle of Man.

These events will provide an opportunity for local residents and stakeholders to learn more about each project and ask questions.

The full events schedule is available online and is open for those wanting to provide feedback on the consultation or find out more about the project's transmission assets.

Although Morgan and Morecambe aim to share their transmission works, and the projects are closely linked, both wind farms are expected to submit their own development consent orders.

The applications for those orders are expected to be submitted in 2024.

Richard Haydock, programme director, UK offshore wind, BP, said: "We are absolutely committed to making sure we deliver the project in a way that works for people who live and work in the areas where the transmission assets are located.

"Feedback will help shape our proposals and provide us with vital local knowledge as we develop our plans. We look forward to the continued discussions and getting closer to delivering UK offshore wind power."

Al Rayner, Project Director for Morecambe Offshore Windfarm Ltd, said: "Consultation is a vital step in the successful delivery of Morecambe and Morgan, and we welcome the opportunity to further engage with our local community groups and residents to understand, address and mitigate any potential impacts."

## E1.8.8.12 Media coverage: Windpower Monthly 19 October 2023



## Consultation starts on 2GW wind shared transmission assets

A statutory consultation on the transmission assets for two offshore wind farms under development in the Irish Sea with a combined capacity of almost 2GW got under way on 12 October.

by Gall Rajgor | 19 October 2023



The shared transmission assets will include offshore export cables

The consultation, which runs until 23 November, will focus on the proposed substation location for each project, offshore and onshore cable routes, preliminary environmental information reports and all the work undertaken so far.

The developers of the two projects – the 1,500MW Morgan offshore wind farm being developed by BP and EnBW, and the 480MW Morecambe being developed by Cobra and Flotation Energy – are working together on the transmission assets.

Although the two projects are closely linked and aim to share their transmission works, each wind farm is required to submit its own development consent order, they said in a joint statement. Applications for those orders are expected to be submitted in 2024.

“Our joint approach has been designed to minimise the impact on the environment and local communities,” said Richard Haydock, programme director, UK offshore wind, BP.

Al Rayner, project director for Morecambe Offshore Windfarm Ltd, noted that the collaboration on the transmission assets enables “a more pragmatic and simplified approach” for the projects’ design and implementation while also streamlining the consultation process for stakeholders.

The transmission assets will comprise both permanent and temporary infrastructure. Offshore infrastructure includes the export cables, up to six substation platform(s), interconnector cables and an offshore booster station for the Morgan project.

Landfall works include offshore and onshore cables, the intertidal working area and landfall construction compound(s), as well as temporary and permanent access.

Onshore infrastructure meanwhile includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, in northwest England.

Areas for biodiversity net gain and enhancement or mitigation are also included in the plans.

## E1.8.8.13 Media coverage: Isle of Man Today 21 October 2023

# Consultation on windfarm

By [Rebecca Brahde](#) | IoM Today reporter |

Saturday 21st October 2023 12:30 pm

✉ [rebecca.brahde@iomtoday.co.im](mailto:rebecca.brahde@iomtoday.co.im)



Morgan and Morecambe

Another statutory consultation has opened for Morgan and Morecambe Offshore Windfarm projects.

The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. The cables will connect to the existing National Grid Penwortham substation in North West England. The consultation opened last week and will run until November 23 for local communities and stakeholders to review the current proposals and submit feedback.

Two statutory consultations on the project have already taken place regarding to Generation Assets, which will not be covered in the current consultation.

The Morgan Offshore Windfarm is being developed under a joint venture between bp and EnBW Energie Baden-Wurtemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

The proposed projects will be located 20km to 30km to the southeast of the island, and are expected to have a massive impact on the ferry links between the Isle of Man and England.

A consultation event will be held at Douglas Town Hall on Thursday, November 16 from 3pm to 7pm.

The consultation can be found at:

<https://morecambeandmorgan.com/transmission/>

## E1.8.8.14 Media coverage: Isle of Man Today 23 October 2023

# Consultation on windfarm

By [Rebecca Brahde](#) | IoM Today reporter |

Saturday 21st October 2023 12:30 pm

✉ [rebecca.brahde@iomtoday.co.im](mailto:rebecca.brahde@iomtoday.co.im)



Morgan and Morecambe

Another statutory consultation has opened for Morgan and Morecambe Offshore Windfarm projects.

The consultation will focus on the proposed substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report and all the work undertaken so far. The cables will connect to the existing National Grid Penwortham substation in North West England. The consultation opened last week and will run until November 23 for local communities and stakeholders to review the current proposals and submit feedback.

Two statutory consultations on the project have already taken place regarding to Generation Assets, which will not be covered in the current consultation.

The Morgan Offshore Windfarm is being developed under a joint venture between bp and EnBW Energie Baden-Wurtemberg AG, and the Morecambe Offshore Windfarm is being developed under a joint venture between Cobra and Flotation Energy. Located in the Irish Sea, both projects have the combined potential generation of approximately 2GW when operational and could contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

The proposed projects will be located 20km to 30km to the southeast of the island, and are expected to have a massive impact on the ferry links between the Isle of Man and England.

A consultation event will be held at Douglas Town Hall on Thursday, November 16 from 3pm to 7pm.

The consultation can be found at:  
<https://morecambeandmorgan.com/transmission/>

## E1.8.8.15 Media coverage: Blackpool Gazette 2 November 2023

# Fylde windfarm proposal: Have your say on the proposed new windfarm off the Irish Sea coast as numerous public meetings to be held

Several public meetings as part of the consultation for a proposed extensive new windfarm off the Irish Sea coast are coming up at Fylde venues in the coming days.

By **Aimee Seddon**

Published 2nd Nov 2023, 08:08 BST

Updated 2nd Nov 2023, 08:53 BST



There is an opportunity to meet the project team at St Annes Farmers Market on Thursday, November 2 from 9am to 1pm, and the next full consultation event being held by **Morecambe** and Morgan – the companies behind the plan – is at St Annes Cricket Club the following day from 3pm to 7pm.

**Fylde** Rugby Club at Ansdell also hosts a consultation on Friday, November 10 from 3pm to 7pm and the William Sagar Hodgson Pavilion in Kirkham on Saturday, November 11 from 10am to 1pm.

Already, much of the public interest seems to be in what the developers term ‘transmission assets’: to support the electricity generated by the windfarm and connect it to the National Grid substation at **Penwortham**, two new substations and an onshore cabling corridor will need to be built in the Fylde area.



Several public meetings as part of the consultation for a proposed windfarm off the Irish Sea coast are coming up at Fylde venues.

Fylde MP Mark Menzies has already expressed his concerns over a substation siting on farming land in the Fylde countryside and Freckleton resident Robert Silverwood, who attended the first consultation meeting at Newton, Salwick and Clifton Village Hall last week, has since written to the developers asking them to think again about the location, fearing that two farms affected could be driven out of business.

Robert said: "In conversations with other local people, we cannot understand how this particular land is the only option for the two substations.


"Many of us feel that the land to the south of the A584 would be more suitable due to the fact that it is already light industrial and a sewage plant established, and there would be no visual impact or taking away of top-class agricultural land. Plus it is on the way to Penwortham where we know the cables join the grid.

"Eker Lane is a small track that serves the farmers, horses as a bridleway and is the only peaceful walk on the north side of the A584. Option B of the Morecambe substation would destroy the little countryside we can walk in. "Also, from a planning point of view, the highway along Lower Lane is extremely narrow and could not handle the extra HGVs etc alongside the present flow of vehicles. "I believe there is a redundant substation, not too far from where the cable will be established, near Peel Corner in Blackpool. Is there no way this could be removed and one substation sited in its place?"

A spokesperson for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project said: "Our event at Newton, Salwick and Clifton Village Hall was well attended, with local residents coming from the surrounding communities to engage with the project team and ask questions about our proposals.

"We greatly appreciate and value the interest from the community and stakeholders. We are looking forward to hearing more from the public on our proposals in the final weeks of the consultation and encourage those who have not yet provided feedback to do so.

"This can be done on our website, by email, by post or at one of our other forthcoming events, details of which are available on our website."

Project and consultation details can be found at [morecambeandmorgan.com](https://www.morecambeandmorgan.com) 



## E1.8.8.16 Media coverage: OGV Energy 10 November 2023



## Consultation for Morgan and Morecambe offshore wind farm's Transmission Assets closing soon

Statutory consultation for the transmission assets of Irish Sea offshore wind projects Morgan and Morecambe will close on 23 November 2023. The consultation ends six weeks after it launched, giving local stakeholders and residents the opportunity to provide feedback on the current proposals and learn more about the projects.

Those wanting to provide feedback can do so via email, in writing or through the online consultation hub, as well as finding out more information about the projects. All responses to the consultation must be received before midnight on 23 November 2023.

The consultation focuses on the proposed onshore substation locations for each project, the offshore and onshore cable routes, the Preliminary Environmental Information Report, and all assessment work undertaken so far. As determined by the National Grid-led Holistic Network Design review, the cables will connect to the existing National Grid Penwortham substation in North West England.

Morgan and Morecambe offshore wind farms are being developed by two joint ventures between bp and EnBW Energie Baden-Württemberg AG (Morgan), and Cobra and Flotation Energy (Morecambe), respectively. When operational both projects have the combined potential generation of approximately 2GW and are anticipated to contribute to the UK Government's ambition of 50GW of offshore wind power by 2030.

Richard Haydock, programme director, UK offshore wind, bp, said: "We greatly appreciate and value the interest from the community and stakeholders throughout the consultation so far. We are looking forward to hearing more from the public on our proposals in the final weeks of the consultation and encourage those who have not yet provided feedback to do so."

Al Rayner, Project Director for Morecambe said: "Morgan and Morecambe, by their nature, are collaborative projects and we carry that ethos through to our engagement with local communities. Continuing the dialog is vital as we progress our plans. The success of our projects relies heavily on the information and advice we receive from the general public, local authority and environmental groups and we look forward to welcoming more people to our remaining events this month."

## E1.8.8.17 Media coverage: Blackpool Gazette 22 November 2023

# Roads between Blackpool and St Annes could be dug up to install Irish Sea windfarm cables sparking fears from residents

Proposals to transmit energy from off-shore windfarms using underground cables have prompted fears of disruption to roads and properties on the edges of Blackpool and St Annes.

By Shelagh Parkinson

Published 22nd Nov 2023, 16:34 BST

Updated 22nd Nov 2023, 16:59 BST



Residents living in the area say despite a lengthy public consultation they have failed to receive assurances about the potential impact on their neighbourhood.

Morgan and Morecambe Offshore Wind Farms: Transmission Assets project will see two new windfarms built in the Irish Sea if it gets the go-ahead.

They are due to be operational by 2030, generating enough energy to power around two million homes.



As part of the scheme, cables need to be installed to connect the energy to the National Grid at the power station at Penwortham in Preston.

No firm details have been revealed as to where the cables would come ashore, but options include the Blackpool Airport Enterprise Zone.

Public consultation documents say one route being considered to link the cable with Penwortham would see trenches 122 metres wide being dug underneath Blackpool Road North, Leach Lane, Kinhouse Lane, Queensway and behind Division Lane on the boundaries of Blackpool and St Annes.

Claire Whitehouse, who lives on Division Lane, said residents had a number of concerns including gardens being dug up to make way for cables, disruption of the local road network especially Queensway, and flooding risk.



The equestrian community has warned bridal paths could be affected and questions have also been asked about the potential impact on wildlife including birds in the Moss area.

Ms Whitehouse said: “I understand there are a number of different issues, but I think the consensus is as this is a statutory consultation they should have a more detailed plan.

“Therefore we as residents objected to the proposal on the basis that we do not have enough information to give our approval.

“We as residents have all been through enough disruption with the Enterprise Zone development, and this is only going to cause more issues for local residents in Blackpool and St Annes not to mention the knock-on effect to local businesses.”

A number of events to gain feedback have been held as part of a consultation process which ends on November 23.

A spokesperson for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project said: “We are in the early stages of our onshore infrastructure planning for the Morecambe and Morgan offshore windfarms and expect to submit our application for a Development Consent Order in 2024.

“As determined by the National Grid-led Holistic Network Design, the project needs to connect to the existing National Grid substation at Penwortham and our consultation materials contain the latest information about the proposed onshore substation locations and cable routes to enable that connection.

“Over the past few weeks, the project team has been at consultation events in the local area, answering questions from members of the public about our proposals.

“Having an open dialogue with communities is critical as the project progresses to refine its proposals and we greatly value the feedback from local residents and stakeholders.”

Onshore infrastructure will also include two substations being built in the Fylde countryside, with fears previously raised these could impact on local farms.

## E1.8.9 Online advertising

## E1.8.9.1 Google



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**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Morgan and Morecambe - Morecambe Offshore Windfarm

Transmission Assets for two new proposed offshore wind farms. Take part in our statutory consultation and give your feedback today.

---

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[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Transmission Assets Project - Morecambe Offshore Windfarm

Take part in our statutory consultation and give your feedback today. Transmission Assets for two new proposed offshore wind farms.

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[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Transmission Assets Project - Morgan and Morecambe

Transmission Assets for two new proposed offshore wind farms. Proposals to connect Morgan and Morecambe Offshore Wind Farms to the national grid.

**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Morecambe Offshore Windfarm - Morgan Offshore Wind Project

Take part in our statutory consultation and give your feedback today. Proposals to connect Morgan and Morecambe Offshore Wind Farms to the national grid.

**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Morgan Offshore Wind Project - Morgan and Morecambe

Transmission Assets for two new proposed offshore wind farms. Take part in our statutory consultation and give your feedback today.

**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Morecambe Offshore Windfarm - Morgan and Morecambe

Take part in our statutory consultation and give your feedback today. Proposals to connect Morgan and Morecambe Offshore Wind Farms to the national grid.

**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Consultation now open - Morecambe Offshore Windfarm

For more information on the Project, please visit our information hub. Transmission Assets for two new proposed offshore wind farms.

**Sponsored**



[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)

## Morecambe Offshore Windfarm - Give feedback by 23 November

Proposals to connect Morgan and Morecambe Offshore Wind Farms to the national grid. For more information on the Project, please visit our information hub.

## E1.8.9.2 Spotify

▼ Morgan and Morecambe



**MORECAMBE** | **EnBW** | **bp**  
Partners in UK offshore wind

**Morgan and Morecambe  
Offshore Wind Farms:  
Transmission Assets  
Consultation open  
12 October to 23 November 2023**

Morgan  
Morecambe  
Penwortham

The Project

**Morgan and Morecambe**  
Advertisement

0:00 -0:20

Statutory consultation  
now open

Learn more

## E1.8.10 Social media

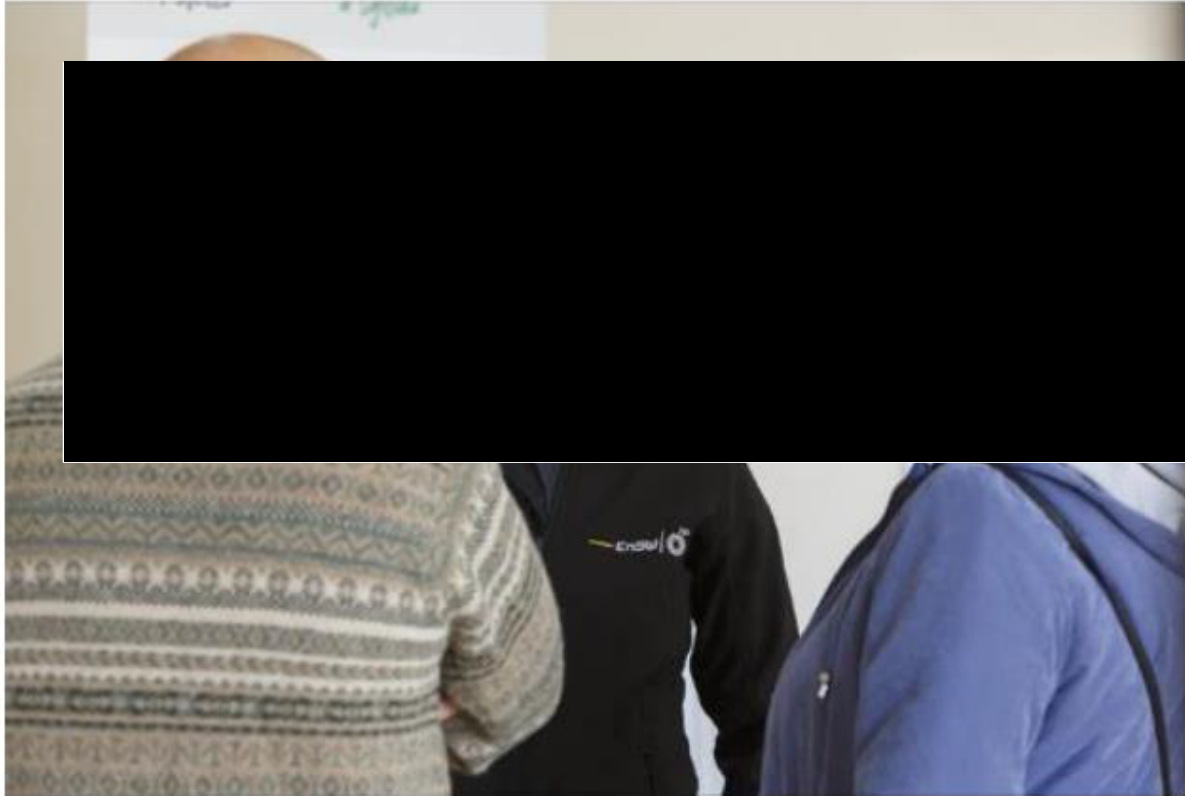
## E1.8.10.1 bp X and Facebook post: Consultation launch



bp

October 12, 2023

Today marks another big milestone for our Morgan offshore wind project with our partner EnBW. We're launching our latest consultation to hear feedback from local communities and stakeholders bringing us one step closer to delivering #offshorewind to the UK. Find out more <https://go.bp.com/TFYd1>



## E1.8.10.2 bp X and Facebook post: Consultation close



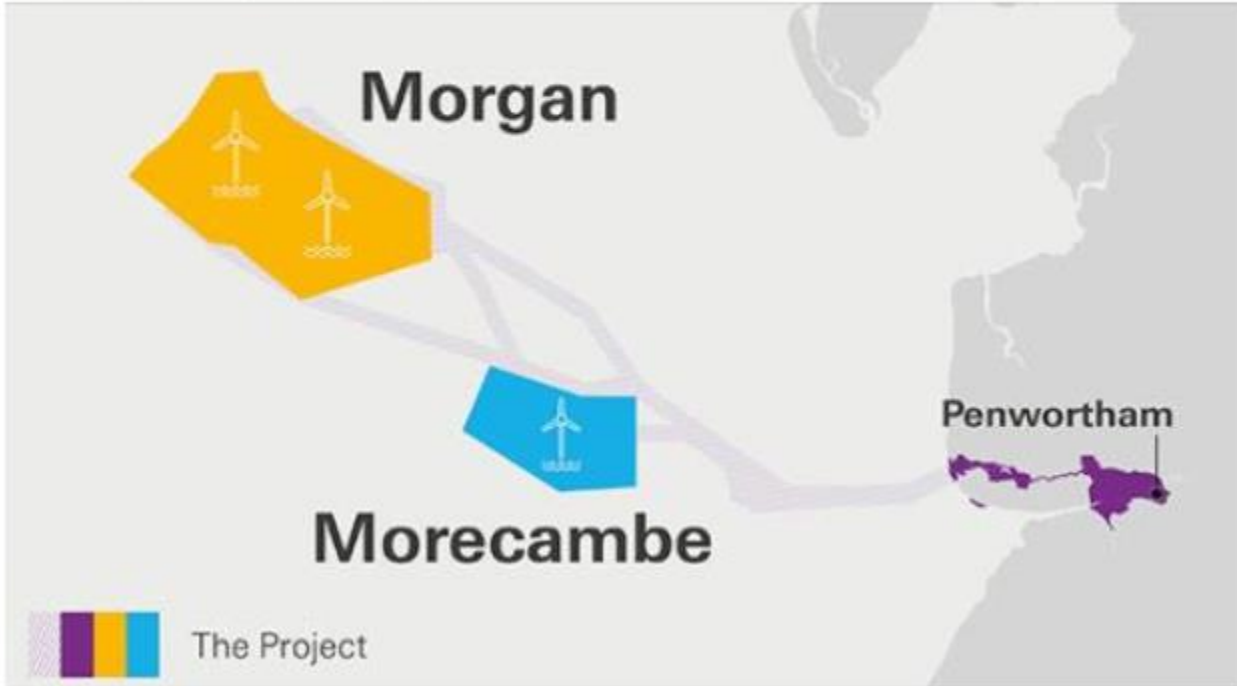


bp

9 November 2023 · 🌐



The latest consultation for our Morgan offshore wind project with EnBW is closing soon. We've had great engagement with local communities & stakeholders so far. We're looking forward to hearing more 🗣️ & moving one step closer to delivering #offshorewind to the UK. Find out more here 📄 <https://go.bp.com/cO4y4>



### E1.8.10.3 Flotation Energy LinkedIn post: Consultation launch



**Flotation Energy**

10,381 followers

6mo •

+ Follow ...

We are pleased to announce that the Statement of Community Consultation (SoCC) is now available for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project.

The SoCC sets out our proposed approach to the statutory stage of consultation for the windfarms Transmission Assets. It's designed to help members of the public understand how they can take part in the consultation and which parts of the project they can influence.

On Thursday 12 October 2023, our public consultation will be live and will be open until 23 November 2023. We very much value the input and engagement from the public and look forward to hearing from our stakeholders.

To view the SoCC, please visit our website at: <https://lnkd.in/e9ubTkBQ>

**#Offshorewind #Energytransition**



## E1.8.10.4 Flotation Energy LinkedIn post: Consultation close



## Flotation Energy

11,327 followers

6mo • 🌐




On 23 November 2023, we concluded our statutory consultation on the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project, which ran for a total of 43 days.

During this time, the project team held five consultation events in the community (as well as online), answering questions and encouraging local people to give feedback on our proposals.

Across these events, over 1,000 people attended, which is a positive response to the consultation and will support us as we continue to review and progress the projects.

We are grateful to our stakeholders and members of the community who took the time to respond to the consultation.



### Morgan and Morecambe Transmission Assets project

Third round of consultation for the project closed on 23 November 2023:

- 5 community consultation events held
- 1,000+ people attended
- Review of all consultation feedback in process

Contact us: [hello@morecambeoffshorewind.com](mailto:hello@morecambeoffshorewind.com)



## E1.8.11 Section 47 direct email communications

## E1.8.11.1 Advance email 9 October 2023



MORECAMBE

— EnBW

Partners in UK offshore wind



## Morgan and Morecambe Offshore Wind Farms: Transmission Assets

### Morgan and Morecambe Offshore Wind Farms: Transmission Assets: consultation open from 12 October to 23 November 2023

We are writing to inform you that statutory consultation will be launching soon on plans for Morgan and Morecambe Offshore Wind Farms: Transmission Assets (the “Project”) on 12 October. The **consultation will be open from 12 October to 23 November 2023**. This consultation relates to a proposed application to the Secretary of State for Energy Security and Net Zero under the Planning Act 2008 (the “Act”) for a development consent order (“DCO”) for the Project.

#### About the Project

Morgan Offshore Wind Limited and Morecambe Offshore Windfarm Limited (the “Applicants”), are developing the Project, to connect the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid.

The Applicants are collaborating to connect the proposed offshore wind farms to the national grid via the Project. The two offshore wind farms are expected to form a key contribution to the UK’s target of generating 50 gigawatts (GW) of power from offshore wind by 2030. Combined they are expected to generate approximately 2 GW of energy.



In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under Section 35 of the Act that the Project should be treated as 'a development for which development consent is required'. As a result, an application for development consent will be prepared in accordance with section 47 of the Act. The Applicants expect to submit the final application for development consent in 2024.

The DCO application will include full details of the Project and will be accompanied by an Environmental Statement in accordance with the Act and the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. The requirements for applications to the Secretary of State for a DCO are set out in the Act, and subsequent guidance has been issued by the UK Government and the Planning Inspectorate. The relevant information can be found here: <https://infrastructure.planninginspectorate.gov.uk>.

The Project will comprise both permanent and temporary infrastructure for the transmission of electricity from the Morgan and Morecambe Offshore Wind Farms and connection into the existing National Grid substation at Penwortham, Lancashire, including, but not limited to:

- Offshore infrastructure including offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.
- Landfall works (where the offshore cables reach the shore in the vicinity of Blackpool Airport) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and/or mitigation, including permanent access for operation and maintenance of those areas.

## **Taking part in this consultation**

To publicise the consultation, we will be sending correspondence to residential and business addresses within the identified consultation zone, as well as placing advertisements in the local press and online.

We will hold a range of in-person and online consultation events. These events are a great way to learn more about our proposals, meet the project team and ask any questions. Equally, the consultation offers an opportunity for you to provide valuable feedback to help shape our proposals. Further information on these events will be available on

[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission).

Our Statement of Community Consultation (SoCC) sets out further details on how we intend to consult with the local community. As such, the consultation has been developed in accordance with SoCC. The SoCC is now available to view on our website [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission).

## **Providing feedback**

You have been identified as a consultee for this project and we are keen to hear your views on our proposals.

A feedback form will be available on the project website and copies will be available at consultation events, deposit locations, or can be provided on request from the community relations team, via email on

[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com) or call 0800 915 2493 (option 3).

There are several ways to submit feedback:

- Completed hard copy feedback forms to a Project representative
- An interactive map will be available on the Project website: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)
- By email to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- In writing to FREEPOST MORECAMBE AND MORGAN (please be advised it is not possible to send registered post to a freepost address)

We will write to you again to confirm once the consultation officially launches. If you are not the correct contact for matter, please let us know who is and we will update our records prior to consultation launch.

Kind regards

[REDACTED]

[REDACTED]

[REDACTED]

Morgan and Morecambe Offshore Wind Farms: Transmission Assets project, on behalf of Morgan Offshore Wind Limited  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)

[REDACTED]

Morgan and Morecambe Offshore Wind Farms: Transmission Assets project, on behalf of Morecambe Offshore Windfarm Limited  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)

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## E1.8.11.2 Consultation launch email 12 October 2023

**Subject line: Morgan and Morecambe Offshore Wind Farms: Transmission Assets Statutory Consultation: consultation launch notice**

**Body of email**

We are writing to consult with you on the proposed application for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets (“the Project”). The statutory consultation for the Project is open from 12 October 2023 and 23 November 2023.

You are being consulted on the Project under our commitments under the Statement of Community Consultation (SoCC) which was prepared in accordance with section 47 of the Planning Act 2008.

Morgan Offshore Wind Limited and Morecambe Offshore Windfarm Limited (the “Applicants”), are developing the Project, to connect the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid.

The Applicants are collaborating to connect the proposed offshore wind farms to the national grid via the Project. The two offshore wind farms are expected to form a key contribution to the UK’s target of generating 50 gigawatts (GW) of power from offshore wind by 2030. Combined they will generate approximately 2 GW of energy.

In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under Section 35 of the Act that the Project should be treated as a development for which development consent is required. As a result, an application for development consent will be prepared in accordance with section 47 of the Act. The Applicants expect to make the application for development consent for the Project in 2024.

The Development Consent Order (DCO) application will include full details of the Project and will be accompanied by an Environmental Statement in accordance with the Act and the 2017 Regulations. The requirements for applications to the Secretary of State for a DCO are set out in the Act, and subsequent guidance has been issued by the UK Government and the Planning Inspectorate. The relevant information can be found here: <https://infrastructure.planninginspectorate.gov.uk>.

### **About the Project**

The Project will comprise both permanent and temporary infrastructure for the transmission of electricity from the Morgan and Morecambe Offshore Wind Farms and connection into the existing National Grid substation at Penwortham, Lancashire including, but not limited to:

- Offshore infrastructure including offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.
- Landfall works (where the offshore cables reach the shore in the vicinity of Blackpool Airport) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and/ or mitigation, including permanent access for operation and maintenance of those areas.

### **Statutory consultation**

The Project is currently in the pre-application stage of the DCO application process. As part of that process, the Project is required to carry out a statutory consultation on our Preliminary Environmental Information Report (PEIR) before our application is submitted. As such, the Project is consulting on its proposals between **12 October 2023 and 23 November 2023**, including with those consultees prescribed under section 42 of the Act.

We have either identified you as a prescribed consultee under section 42 of the Act and/or Regulation 11 of the 2017 Regulations, or we have determined that it is appropriate to consult you on our proposals.

In addition, section 48 of the Act and regulation 11 of the 2017 Regulations require the Applicants to publicise its proposed DCO application. A copy of the section 48 notice is [available here](#).

### Consultation materials

The Applicant has published the following consultation materials to support this consultation (“the consultation materials”):

- **Statutory Consultation Brochure**, which outlines the Project’s proposals, consultation activities and summarises the PEIR;
- **Statutory Consultation Feedback Form**, which provides a structured method for consultees to provide their feedback;

### Other consultation information

The Applicant has also published other consultation information including the following:

- **Preliminary Environmental Information Report (PEIR)**, which sets out the current environmental baseline, assesses the potential environmental impacts of and to the project, and proposes mitigations for potential likely significant effects;
- **PEIR Non-Technical Summary**, which summarises key points from the PEIR;
- **Draft Development Consent Order**;
- **Draft Work Plans**, and plans and maps showing the nature and location of the Project;
- **Statement of Community Consultation (“SoCC”)**, which sets out how the Applicants will consult local communities during the statutory consultation;
- **Statutory Consultation Poster**, which explains how people can take part in the consultation, attend an event and provide feedback;
- **Consultation newsletter**, a newsletter which summarises key information about the Project;
- A copy of the notice published in accordance with **section 48** of the PA 2008 and Regulation 13 of the Infrastructure Planning (Environmental Impact Assessment)

The consultation materials, Preliminary Environmental Information Report and other consultation information can also be accessed via the Consultation Hub on the Project website at:

<https://morecambeandmorgan.com/transmission/>.

All consultation materials will be available on the Project website from Thursday 12 October until Thursday 23 November 2023. If you would like a paper copy of the consultation materials, or any other document that has been published in connection with the consultation, please let us know, using the contact details given below. In accordance with this notice, costs starting from £0.28p per page may be associated with larger requests to cover printing and postage. Alternatively, if you would like a USB containing the documents, please let us know and we will send one free of charge. For any queries relating to accessing documents, plans and maps please email [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com) or call 0800 915 2493 (option 3).

**This email and its contents form part of the consultation process required by the Act and we would like your feedback on our proposals and the Preliminary Environmental Information Report. Your comments are important in helping us refine our proposals. The deadline for submitting responses to the consultation is 23:59 on Thursday 23 November 2023.**

A [feedback form](#) is available on the project website and copies will be available at the consultation events, deposit locations, or can be provided on request from the community relations team, via the contact details given below.

### Taking part in this consultation

There are several ways to submit feedback:

- Giving **completed hard copy feedback forms** to a Project representative
- **An interactive map** will be available on the Project website:  
[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)
- **By email to** [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- **In writing to** FREEPOST MORECAMBE AND MORGAN

(please be advised it is not possible to send registered post to a freepost address)

When providing your response, please include your name and contact details (a postal or email address) and confirm the nature of your interest in the Project.

Any comments and representations received will be reviewed and considered by the Applicants and any appointed agent of the Applicant. Copies of comments and representations will be made available in due course to the Secretary of State, the Planning Inspectorate, and other relevant statutory authorities as part of a Consultation Report to be submitted with the Application and will therefore be made publicly available.

If you have any questions about the Project, this consultation or information published, please email [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com) or call 0800 915 2493 (option 3).

Kind regards,

REDACTED

REDACTED

REDACTED  
Morgan and Morecambe Offshore Wind Farms:  
Transmission Assets project, on behalf of  
Morgan Offshore Wind Limited  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)

REDACTED  
Morgan and Morecambe Offshore Wind Farms:  
Transmission Assets project, on behalf of  
Morecambe Offshore Windfarm Limited  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)

### **E1.8.11.3 Consultation closing soon email 21 November 2023**



[View this email in your browser](#)



Partners in UK offshore wind



## Morgan and Morecambe Offshore Wind Farms: Transmission Assets

### Morgan and Morecambe Offshore Wind Farms: Transmission Assets project: Consultation closing soon

If you have already taken part in the consultation for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project we would like to take this opportunity to thank you for your feedback.

If you are planning to take part in the consultation, this is a reminder that the consultation will be closing at **23:59pm this Thursday, 23 November**. Please ensure you provide your feedback before this deadline.

There are several ways you can find out more information and provide feedback:

- Online consultation feedback map
- Online feedback form
- Send an email to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- Write to FREEPOST MORECAMBE AND MORGAN

**Visit our website:** <https://morecambeandmorgan.com/transmission/>

Within the [consultation hub](#), you can find more information and access our full suite of materials, including our brochure, our Preliminary Environmental Information Report (PEIR) and PEIR Non-Technical Summary (NTS).

## Webinar recording

Our programme of public consultation events has now ended, however a recording of our online webinar, held on 6 November, is available to view [here](#).

## Visit one of our deposit locations

Throughout the consultation period (12 October to 23 November) paper copies of our brochure, feedback form, PEIR, NTS and statement of community consultation (SoCC) are available at the deposit locations listed [here](#).

You can also email us at [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com), call us on **0800 915 2493 (option 3)**, or write to us at **FREEPOST MORECAMBE AND MORGAN**.

Kind regards

Morgan and Morecambe Offshore Wind Farms: Transmission Assets project

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## E1.8.12 Stakeholder briefings

## E1.8.12.1 7 September 2023 presentation

# Morgan and Morecambe Offshore Wind Farms: Substation Area Update



## Welcome

### Main Contents

1. Introductions
2. About the projects
3. Feedback from 2023 non-statutory consultation
4. Proposed Onshore substation statutory consultation area
5. Substation Area Rationale
6. Forward Look – Statutory Consultation
7. Questions/Discussion

## Introductions

Attendees	
Morgan (bp)	Morecambe (Flotation)
<p>[Redacted Name]</p> <p>[Redacted Name]</p> <p>[Redacted Name]</p>	<p>[Redacted Name]</p> <p>[Redacted Name]</p> <p>[Redacted Name]</p>

## About the Projects

**Morecambe Offshore Windfarm Limited** - joint venture between Cobra Instalaciones y Servicios, S.A. (Cobra) and Flotation Energy Ltd.

**Morgan Offshore Wind Limited** - joint venture between bp and Energie Baden-Württemberg AG (EnBW)

Together, the two wind farms will generate almost 2 GW of energy, and the two joint venture companies are collaborating to connect the wind farms to the electricity transmission network.

The wind farms will be located approximately 20 km – 30 km from the coast and both projects are aiming to be operational by 2028/29.





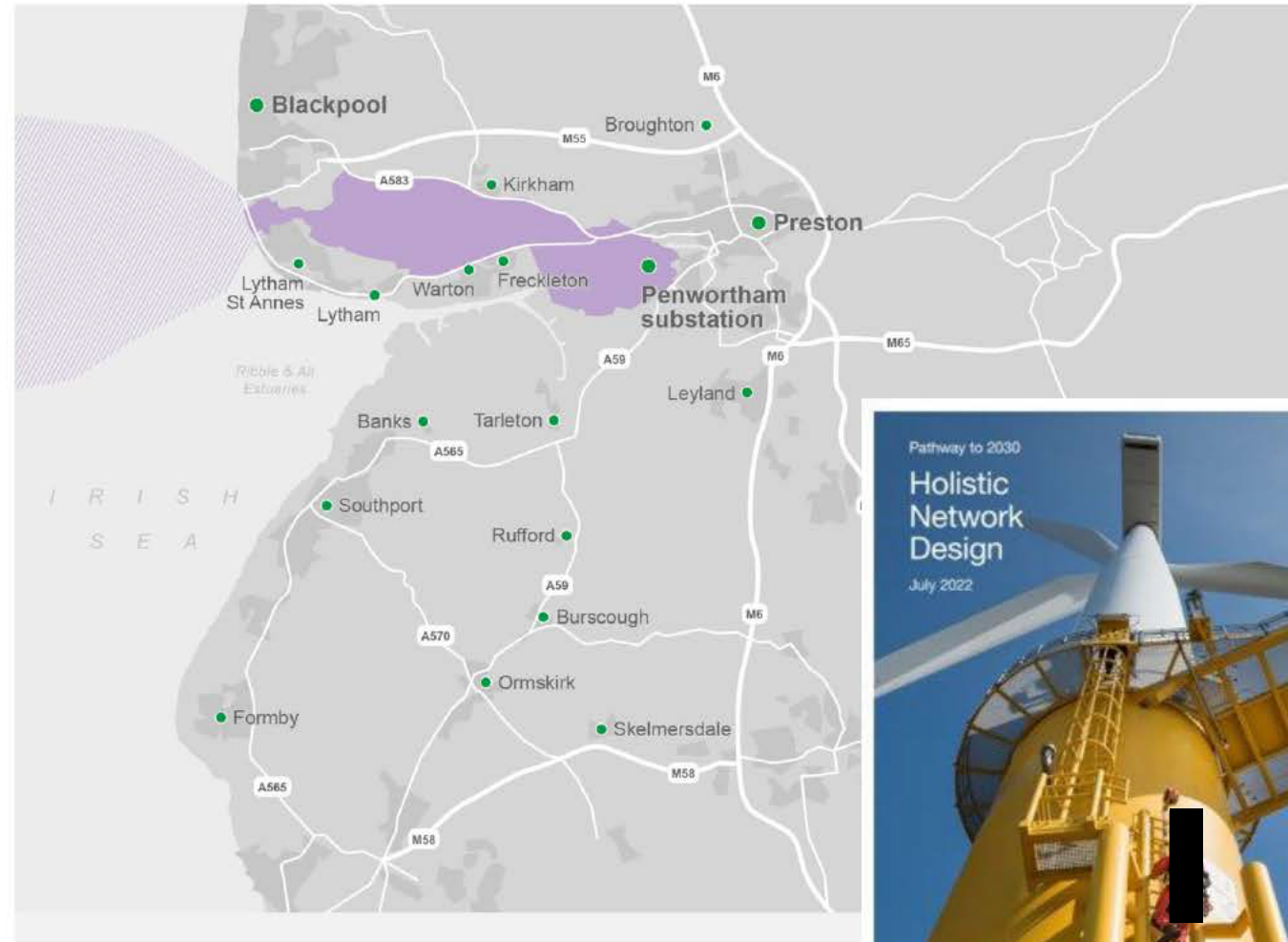
## A coordinated approach

Both wind farm projects were scoped into the Pathways to 2030 workstream under the Offshore Transmission Network Review (OTNR).

As part of this review, National Grid assessed options to improve the coordination of offshore wind generation connections and transmission networks.

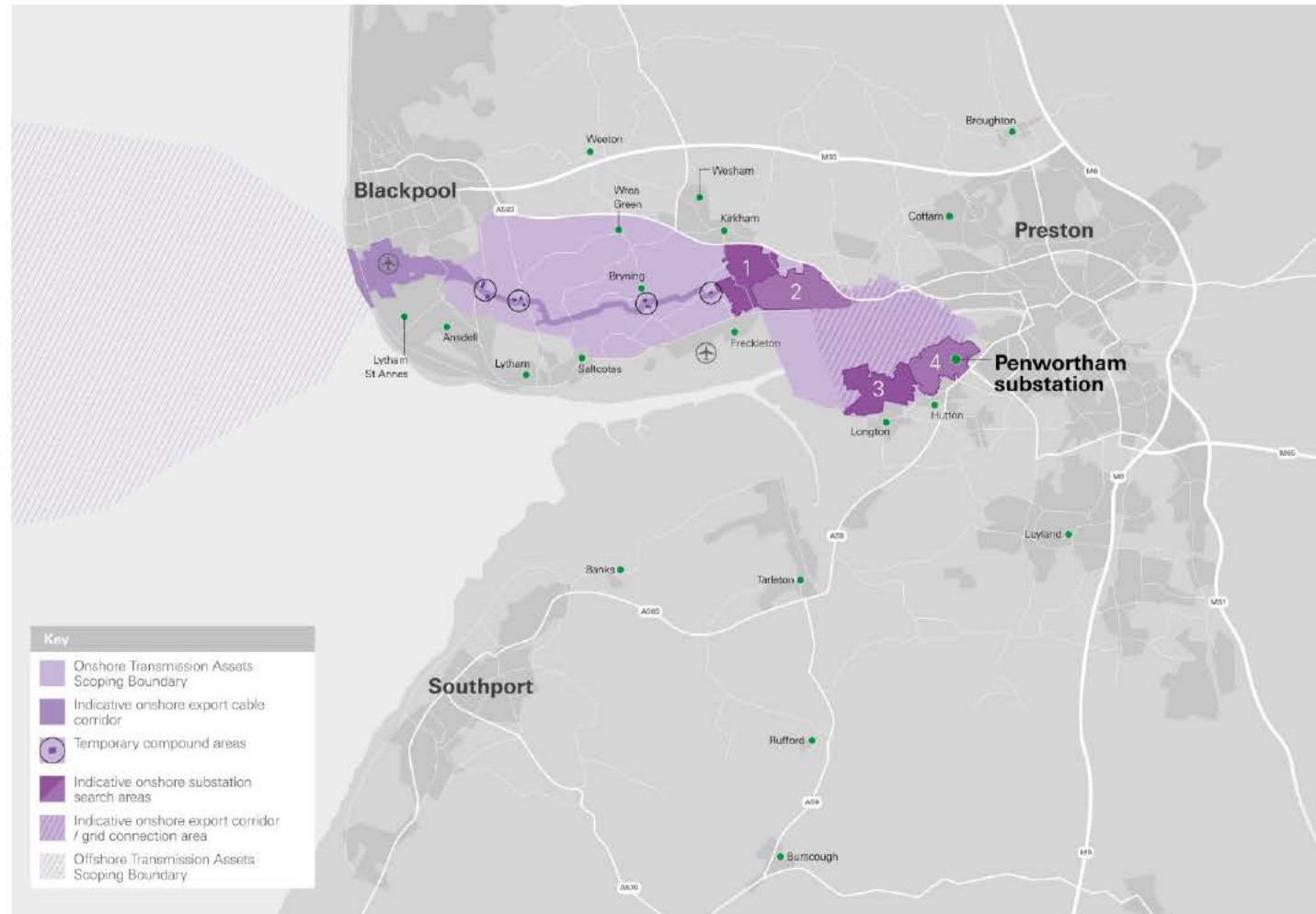
In July 2022, the UK Government published the Pathway to 2030 Holistic Network Design documents, which set out the approach to connect 50 GW of offshore wind to the UK electricity network.

The output of this process concluded that the Morecambe Offshore Windfarm and the Morgan Offshore Wind Project should work collaboratively in connecting the wind farms to the national grid at Penwortham in Lancashire.

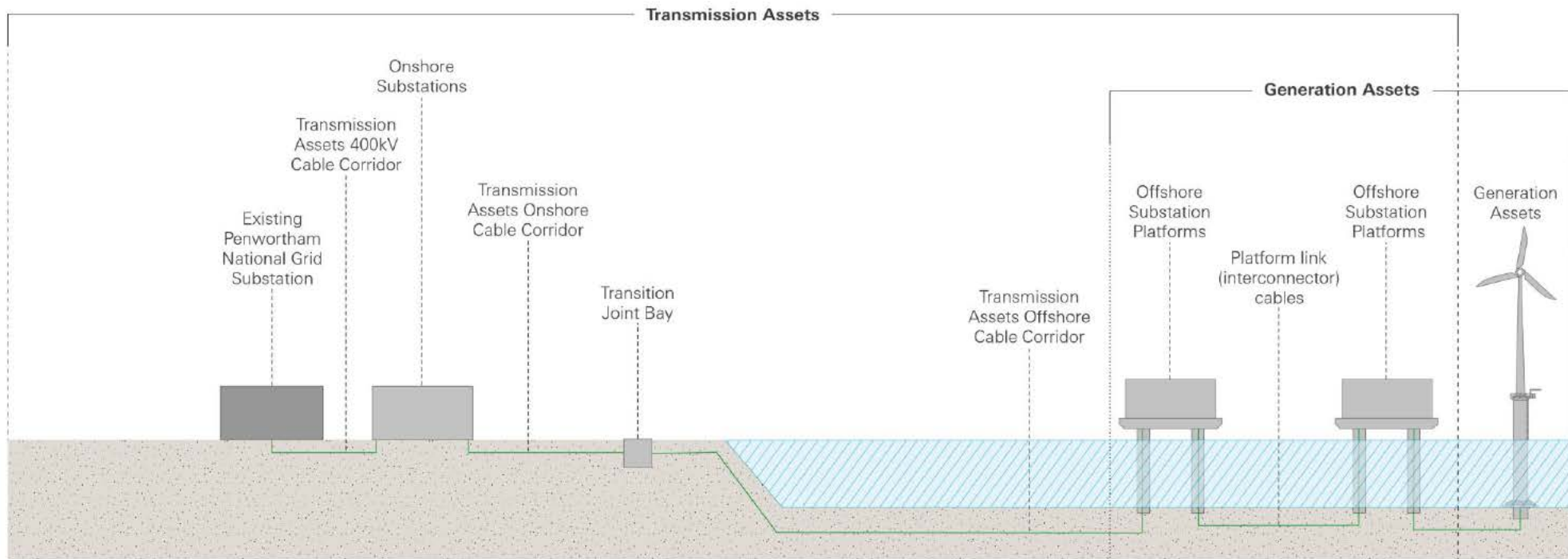


## Overview Map

Presented at non-statutory consultation - Q2 2023



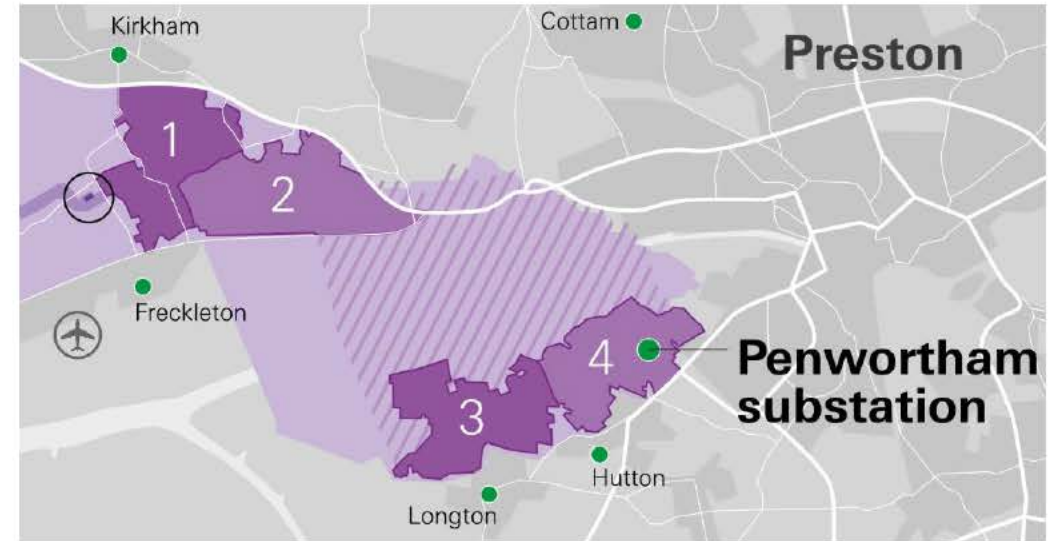
## Transmission Assets



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).

## Onshore indicative substation areas we consulted on

- **Indicative onshore substation search area 1** is an area southeast of Kirkham, northeast of Freckleton and west of Newton-with- Scales. It does not include Kirkham Prison.
- **Indicative onshore substation search area 2** is an area south of Newton-with-Scales bordered by the Preston New Road (A584) and the Blackpool Road (A583) to the northeast. It does not include Newton Bluecoat Primary School.
- **Indicative onshore substation search area 3** is an area south of the River Ribble, north of Longton and west of Hutton. It does not include Hutton and Longton Marshes.
- **Indicative onshore substation search area 4** is an area south of the River Ribble, north of Hutton and east of Howick Cross and Penwortham. It includes the existing National Grid substation near Penwortham.



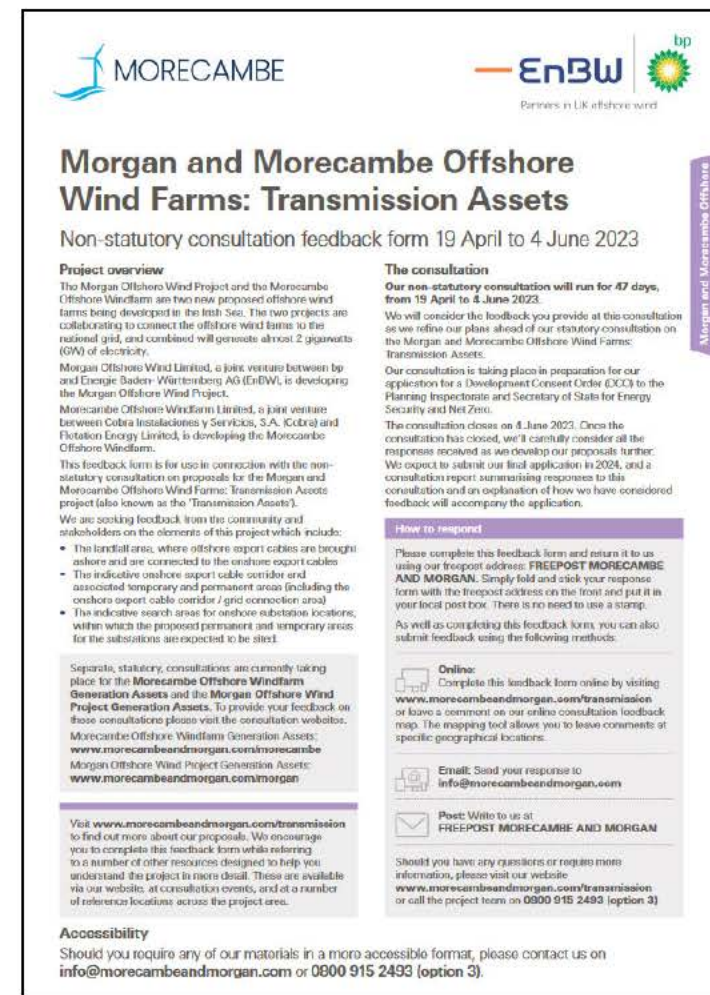
## Feedback from 2023 non-statutory consultation

More than 180 feedback submissions from stakeholders and members of the public:

- Over 110 via online feedback form
- Over 70 via email
- At least 6 via Freepost submissions

### Key emerging themes from feedback:

- Impact on landowners
- Potential disruption to local communities during construction (especially highways)
- Potential visual impact of substations
- Potential impact on local landscape
- Potential environmental impact (wildlife, ecology)
- Substation locations (proximity to neighbouring communities)
- Flood risk



**Morgan and Morecambe Offshore Wind Farms: Transmission Assets**  
Non-statutory consultation feedback form 19 April to 4 June 2023

**Project overview**  
The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are two new proposed offshore wind farms being developed in the Irish Sea. The two projects are collaborating to connect the offshore wind farms to the national grid, and combined will generate almost 2 gigawatts (GW) of electricity.

Morgan Offshore Wind Limited, a joint venture between bp and Energie Baden-Württemberg AG (EnBW), is developing the Morgan Offshore Wind Project.

Morecambe Offshore Windfarm Limited, a joint venture between Cobra Instalaciones y Servicios, S.A. (Cobra) and Flotation Energy Limited, is developing the Morecambe Offshore Windfarm.

This feedback form is for use in connection with the non-statutory consultation on proposals for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project (also known as the 'Transmission Assets').

We are seeking feedback from the community and stakeholders on the elements of this project which include:

- The landfall area, where offshore export cables are brought ashore and are connected to the onshore export cables
- The indicative onshore export cable corridor and associated temporary and permanent areas (including the onshore export cable corridor / grid connection area)
- The indicative search areas for onshore substation locations, within which the proposed permanent and temporary areas for the substations are expected to be sited.

Separate, statutory, consultations are currently taking place for the **Morecambe Offshore Windfarm Generation Assets** and the **Morgan Offshore Wind Project Generation Assets**. To provide your feedback on those consultations please visit the consultation websites:

Morecambe Offshore Windfarm (Generation Assets): [www.morecambeandmorgan.com/morecambe](http://www.morecambeandmorgan.com/morecambe)  
Morgan Offshore Wind Project (Generation Assets): [www.morecambeandmorgan.com/morgan](http://www.morecambeandmorgan.com/morgan)

Visit [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) to find out more about our proposals. We encourage you to complete this feedback form while referring to a number of other resources designed to help you understand the project in more detail. These are available via our website, at consultation events, and at a number of reference locations across the project area.

**How to respond**

Please complete this feedback form and return it to us using our freepost address: **FREEPOST MORECAMBE AND MORGAN**. Simply fold and stick your response form with the freepost address on the front and put it in your local post box. There is no need to use a stamp.

As well as completing this feedback form, you can also submit feedback using the following methods:

- Online:** Complete this feedback form online by visiting [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or leave a comment on our online consultation feedback map. The mapping tool allows you to leave comments at specific geographical locations.
- Email:** Send your response to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- Post:** Write to us at: **FREEPOST MORECAMBE AND MORGAN**

Should you have any questions or require more information, please visit our website [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or call the project team on 0800 915 2493 (option 3)

**Accessibility**  
Should you require any of our materials in a more accessible format, please contact us on [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com) or 0800 915 2493 (option 3).

Morgan and Morecambe Offshore Wind Farms: Transmission Assets

## Proposed Onshore substation statutory consultation area



## Substation Area Rationale cont'd

- Minimise the cable route where possible to the connection point at Penwortham to reduce adverse effects on the local environment (this also aligns with the Horlock rules)
- Reduction of visual, environmental and noise effects where practical (this site was chosen with these in mind)

The process of site selection and refinement remains ongoing, and following this consultation, the final siting for the onshore substations will be presented in the Environmental Statement.

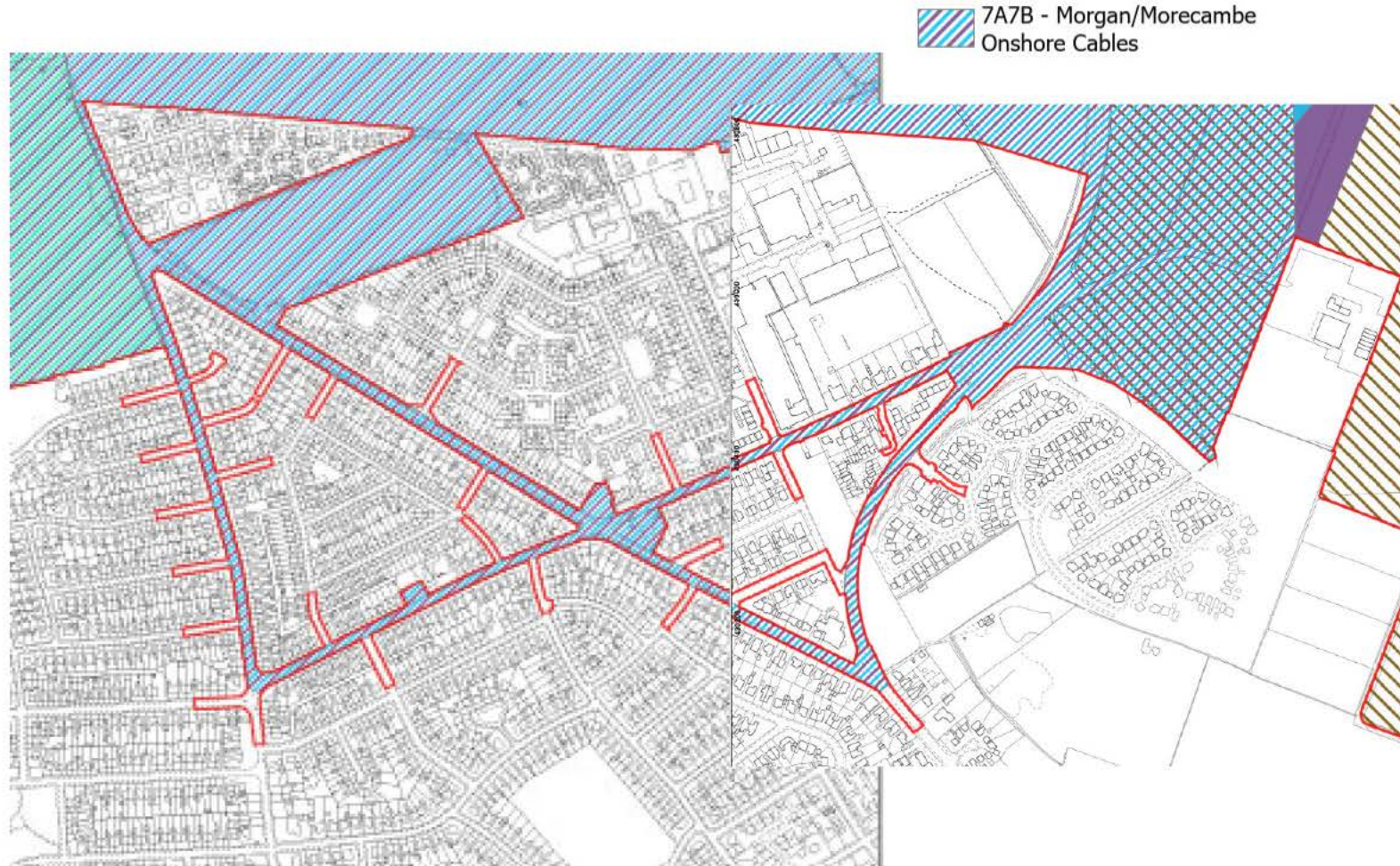


## Forward Look

- Statutory Consultation is expected to take place in Autumn 2023 and there will be an opportunity to provide formal feedback on our proposals including our site selection proposal.
- We will continue developing the Environmental Impact Assessments and design work to refine our proposals following submission of our Preliminary Environmental Information Report (PEIR).
- We will then submit our Development Consent Order (DCO) to the Planning Inspectorate, for consideration by the relevant Secretary of State in Summer 2024.
- Following acceptance of the application, The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State, who will make the final decision on our application. The examination will be held over a period of up to 6 months.
- If the project is granted development consent, we expect to begin construction in 2026/27 with the aim of being operational by 2028/29.



## Inclusion of alternate option (adjacent to landfall)



# Questions/Discussion



## E1.8.12.2 13 October 2023 invitation and event panels

Invitation to private preview event on Morgan and Morecambe Offshore Wind Farms: Transmission Assets project: Statutory Consultation – Friday 13 October 2023

From: info@morecambeandmorgan.com <info@morecambeandmorgan.com>

Sent: Fri, Sep 29, 2023 at 1:10 pm

To: [REDACTED]

Dear [REDACTED]

**Invitation to private preview event on Morgan and Morecambe Offshore Wind Farms: Transmission Assets project: Statutory Consultation – Friday 13 October 2023**

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are two new proposed offshore wind farms being developed in the east Irish Sea. The two projects are collaborating to connect the offshore wind farms to the national grid via the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project (referred to as “the Project”).

Our statutory consultation for the Project is set to launch on 12 October 2023. To mark the launch of the consultation, we would like to invite you or a member of your team to a private drop in session on **Friday 13 October 10am –12noon at Lytham Assembly Rooms, Dicconson Terrace, Lytham, Lancashire FY8 5JY**.

Our statutory consultation will follow the publication of the Preliminary Environmental Information Report (‘PEIR’) for the Project, which sets out the potential impacts likely to give rise to environmental effects from and to the Project, along with our proposals to mitigate them. The consultation will be open from Thursday 12 October to Thursday 23 November 2023.

We will be seeking feedback on various aspects of the Project, which will help inform its design. The Project will comprise both permanent and temporary infrastructure including, but not limited to:

- Offshore infrastructure including offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.
- Landfall works (where the offshore cables reach the shore in the vicinity of Blackpool Airport) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and / or mitigation, including permanent access for operation and maintenance of those areas.

The session on 13 October will offer you the chance to preview the information we will be presenting at our upcoming consultation events in advance of our first public event on 26 October 2023. You will also have the opportunity learn more, meet the Project team and ask any questions you may have. Our full programme of consultation events for the upcoming statutory consultation is available on our website [here](#).

Further information on the consultation – including copies of the Preliminary Environmental Information Report (PEIR) - will be published on 12 October 2023 on the project website at <https://morecambeandmorgan.com/transmission/>.

We hope you will be able to join us on 13 October and would be grateful if you could let us know if you will be attending by emailing . Please note, this is not a public event and is by invitation only.

Please do not hesitate to let us know if you have further questions about our upcoming consultation.

Kind regards,

[REDACTED]  
Morgan and Morecambe Offshore Wind Farms:  
Transmission Assets project, on behalf of  
Morgan Offshore Wind Limited  
0800 915 2493 (option 3)  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)  
<https://morecambeandmorgan.com/transmission/>

[REDACTED]  
Morgan and Morecambe Offshore Wind Farms:  
Transmission Assets project, on behalf of  
Morecambe Offshore Windfarm Limited  
0800 915 2493 (option 3)  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)  
<https://morecambeandmorgan.com/transmission/>

# Why we need offshore wind

The Morgan and Morecambe offshore wind farms are expected to play a role in the energy transition by delivering a significant volume of offshore wind. This can support the UK Government's Net Zero by 2050 target and commitment to deliver up to 50GW of offshore wind by 2030.

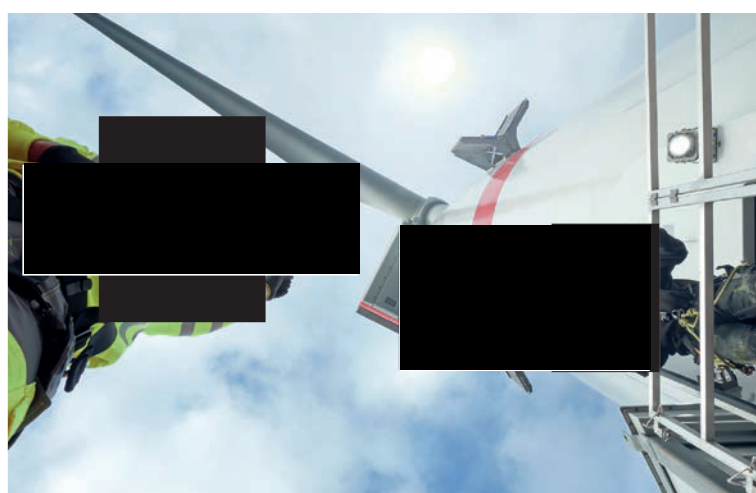
The UK is a world leader in offshore wind and the surrounding seas are ideal for harnessing wind power. We are aiming for our projects to be operational by 2028/29 at the earliest, helping to decarbonise the UK.

The projects will also play a key role in the energy transition by:

- Generating low carbon electricity from offshore wind farms in support of the decarbonisation of the UK electricity supply
- Optimising generation capacity within the constraints of available sites and grid infrastructure
- Contributing to achieving the aims of the UK's Energy Security Strategy.

The projects also aim to:

- Co-exist and collaborate with the other offshore activities, developers and operators to enable the balance of different users
- Contribute to the local, regional and national economy by providing substantial investment, as well as employment and new infrastructure during all phases of the projects
- Align with the key drivers in current and planned updates to national policy.



The UK currently generates around 13GW of its power from offshore wind, meaning it plays an increasingly important role in our energy mix. But we need to go a lot further. For the UK to achieve its climate goals, we need to quadruple our offshore wind generation, to reach the UK's target of deploying 50GW of offshore wind by 2030.



Visit:  
[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code



Email:  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Write to us at:  
**FREEPOST MORECAMBE AND MORGAN**



Call:  
**0800 915 2493 (option 3)**

# Our offshore proposals

Offshore infrastructure for the Project includes, but is not limited to, offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.

## Offshore substation platforms and booster station

The Project may require up to six offshore substation platforms (OSPs).

This includes up to four for the Morgan Offshore Wind Project and up to two for the Morecambe Offshore Windfarm.

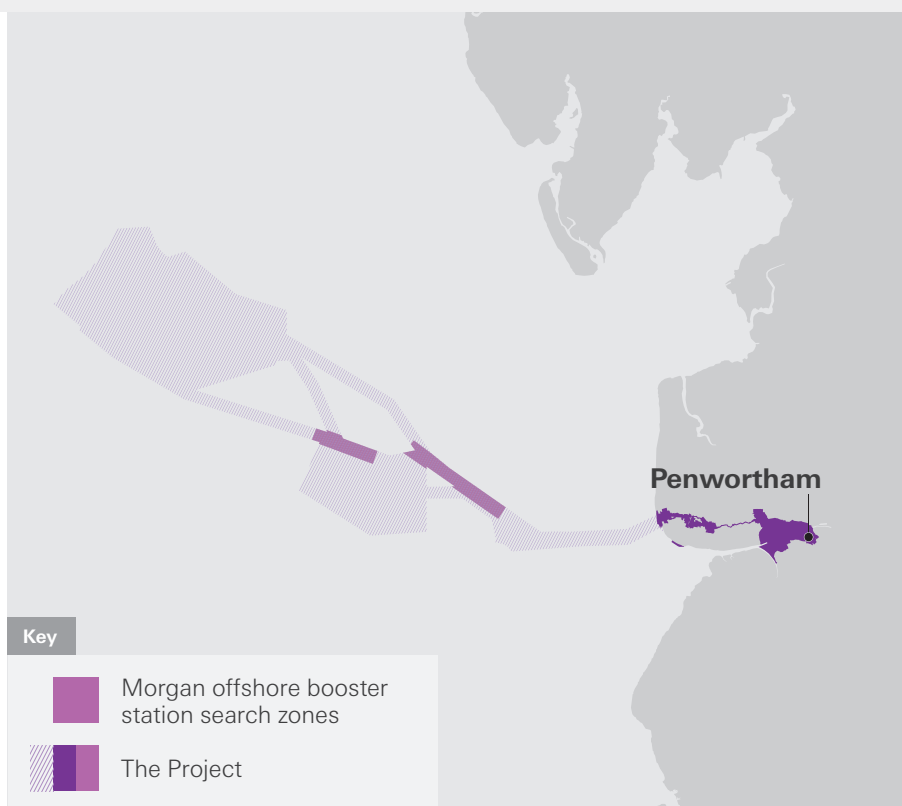
The OSPs will transform electricity generated by the Generation Assets to a higher voltage, allowing the power to be efficiently transmitted to shore. They are likely to have one or more decks, a helicopter platform, cranes and communication antenna.

One offshore booster station may also be required for the Morgan Offshore Wind Project.

The exact location of the Morgan offshore booster station is subject to further onshore design refinement.

This will take into account factors such as seabed conditions, but is anticipated to be located within the search areas shown on the map.

No booster stations are proposed as part of the Morecambe Offshore Windfarm.



Visit:  
[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code



Email:  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



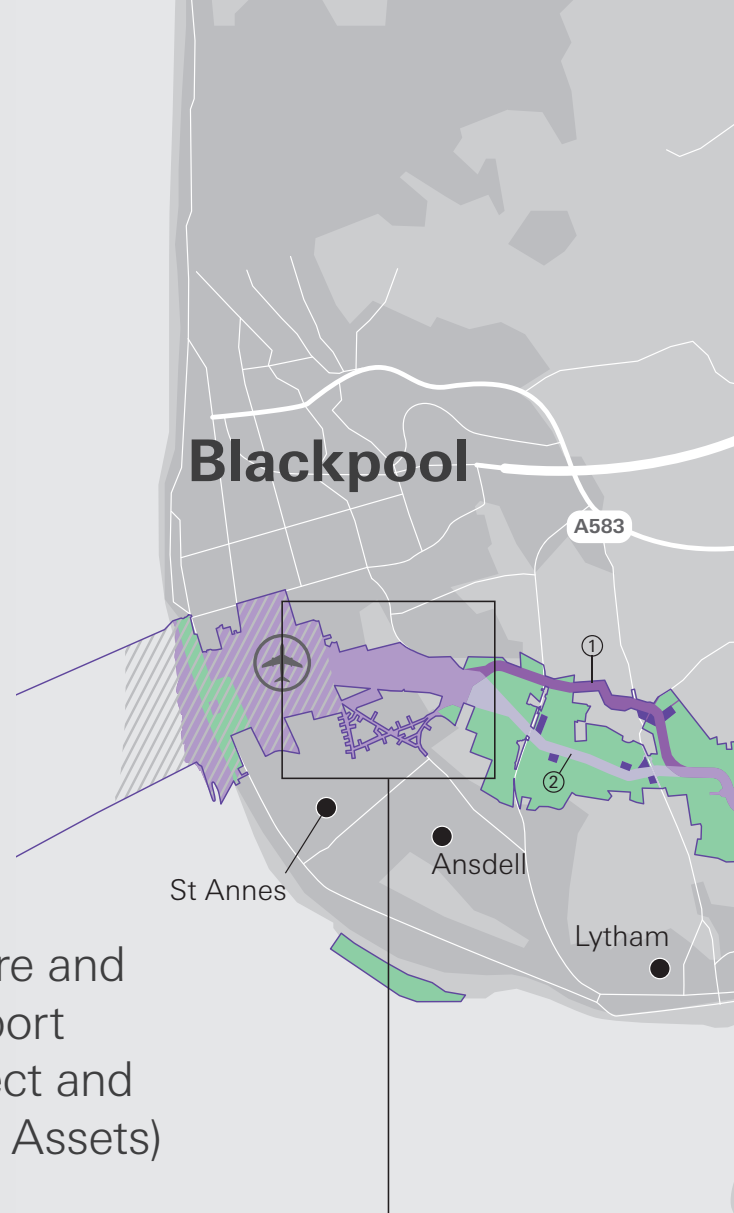
Write to us at:  
**FREEPOST MORECAMBE AND MORGAN**



Call:  
**0800 915 2493 (option 3)**

# Our onshore proposals

The Project includes a range of proposed offshore and onshore infrastructure that will be used to transport electricity from the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm (Generation Assets) to the National Grid substation at Penwortham.



## Key

Transmission Assets	Freckleton Hall Cross onshore export cable search area	400 kV grid connection cable corridor search area
Indicative onshore export cable corridor	Onshore substations statutory consultation area	Indicative onshore temporary construction compounds
Indicative onshore export cable corridor option 1 (north)	Morgan preferred onshore substation site	Potential biodiversity net gain, enhancement and / or mitigation areas
Indicative onshore export cable corridor option 2 (south)	Morecambe proposed onshore substation site option 1 (north)	Blackpool Airport
Landfall and intertidal area	Morecambe proposed onshore substation site option 2 (south)	

Onshore infrastructure includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation.

## Landfall area

The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling.

The transition joint bays would house the area where the offshore cables are jointed to the onshore cables.

The landfall area for the Project is proposed to be located between Blackpool and Lytham St Annes.

## Indicative onshore export cable corridor route

The onshore export cables will provide a cable connection between the landfall area and the proposed onshore substations.

In the Lytham Moss and Higher Ballam area, there are two route options at present:

- Option 1 (north), which passes to the north of Higher Ballam and avoids a farmland conservation area; or
- Option 2 (south), which passes to the south of Higher Ballam.

Option 2 (south) is the route we presented at our previous non-statutory consultation.

Option 1 (north) is an alternate onshore export cable corridor route option proposed to mitigate potential environmental impacts.



Visit:  
[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code



Email:  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Write to us at:  
**FREEPOST MORECAMBE AND MORGAN**



Call:  
**0800 915 2493 (option 3)**

## E1.8.12.3 8 November 2023 presentation



# Morgan and Morecambe Offshore Wind Farms: Transmission Assets project

Fylde Councillor Briefing – 8 November 2023


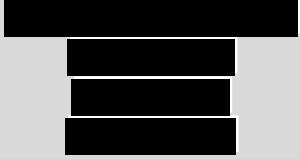





## Welcome

1. Introductions
2. About us
3. A coordinated approach
4. What are Transmission Assets?
5. Offshore elements of the Project
6. Landfall
7. Onshore elements of the Project
8. Indicative onshore export cable corridor route
9. Onshore substations statutory consultation area
10. 400 kV grid connection cable corridor search area
11. Inclusion of alternate roads option
12. Potential biodiversity net gain, enhancement and / or mitigation areas
13. Site selection and route refinement
14. Onshore substations statutory consultation rationale
15. Construction
16. How we have developed our proposals
17. The Development Consent Order (DCO) process
18. Forward Look
19. Feedback
20. Questions
21. Come and see us

## Introductions

Morgan (bp)	Morecambe (Flotation)
	
<b>Morgan and Morecambe Offshore Wind Farms: Transmission Assets project</b>	
	

## About us

**Morgan Offshore Wind Project** is a joint venture between bp and EnBW Energie Baden-Württemberg AG.

**Morecambe Offshore Windfarm** is a joint venture between Cobra and Flotation Energy.

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are working together on proposals for the **Morgan and Morecambe Offshore Wind Farms: Transmission Assets project** ('the Project'), to connect both offshore wind farms to the electricity transmission network.

Together, the two wind farms have the potential to generate almost 2GW of electricity– enough to power the equivalent of around two million homes.

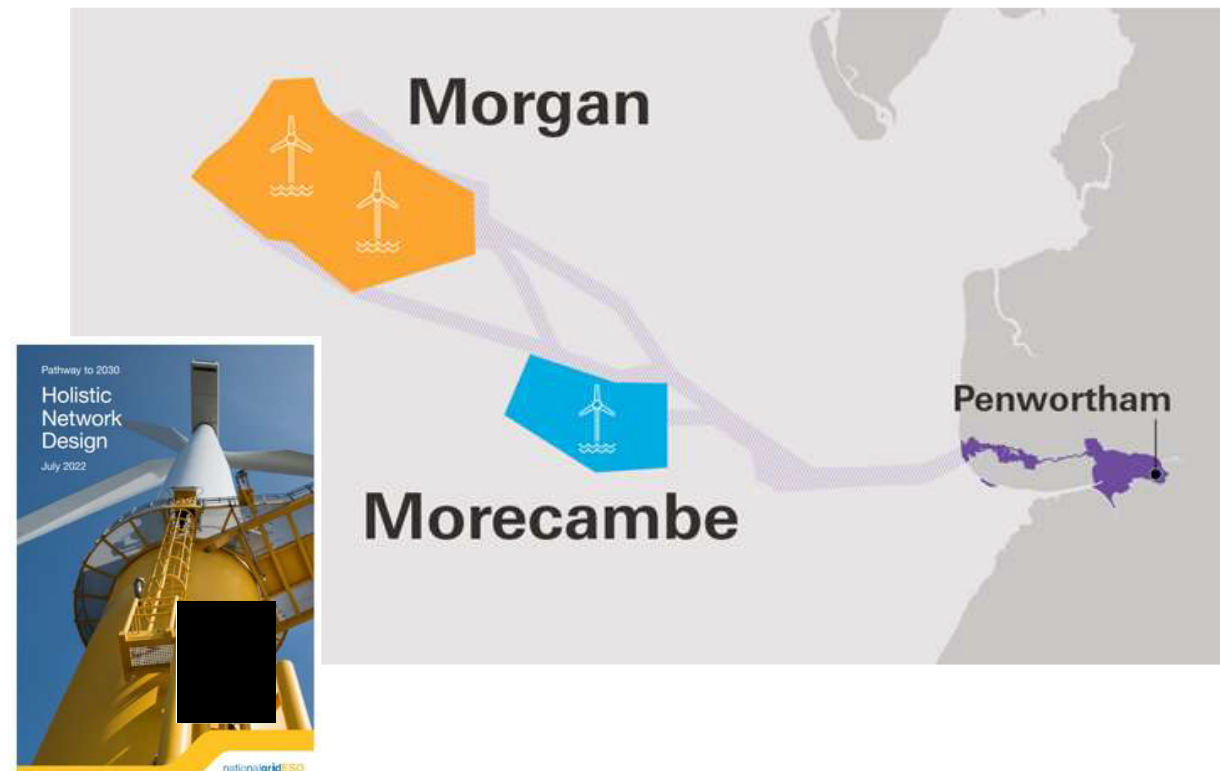


## A coordinated approach

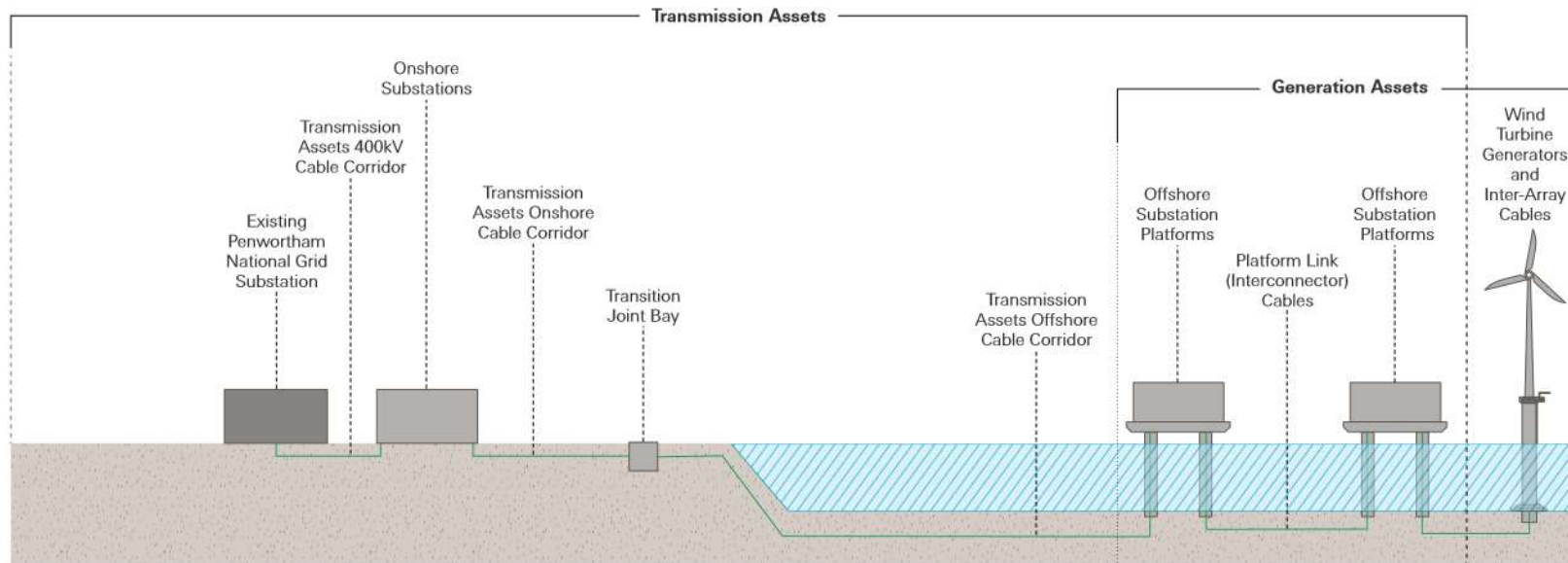
The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm were scoped into the Pathway to 2030 workstream of the UK Government’s Offshore Transmission Network Review (“OTNR”).

As part of the OTNR, National Grid assessed options to improve the coordination of offshore wind farm connections and associated transmission networks. In July 2022, the UK Government published the Pathway to 2030 Holistic Network Design Report which set out the results of the OTNR and its proposed approach to connecting 50GW of offshore wind to the UK national grid.

This concluded that the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm should work collaboratively to connect the wind farms to the national grid at Penwortham in Lancashire. The developers were involved in this process and agree with this conclusion, and as a result are developing the transmission assets associated with each offshore wind farm together.



## What are 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).

## Offshore elements of the Project

The Project will comprise offshore infrastructure including:

- Offshore substation platform(s)
- Interconnector cables
- Offshore export cables
- A Morgan offshore booster station.

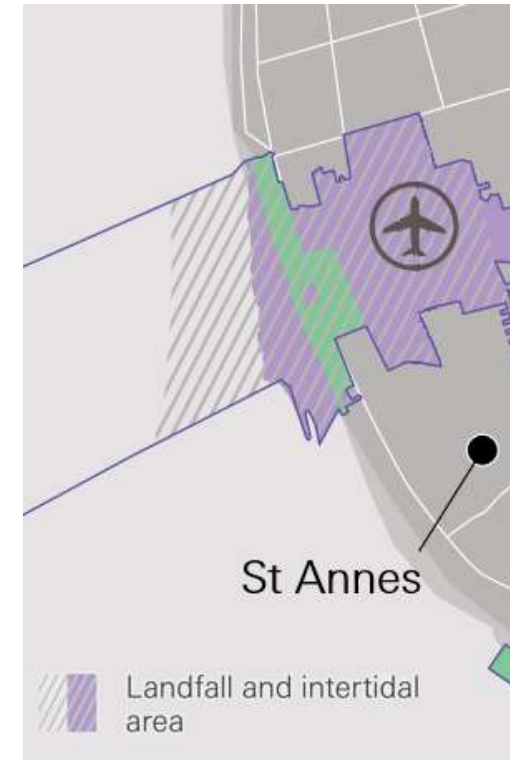


## Landfall

The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling.

The transition joint bays would house the area where the offshore cables are connected to the onshore cables.

The landfall area for the Project is proposed to be located between Blackpool and Lytham St Annes.

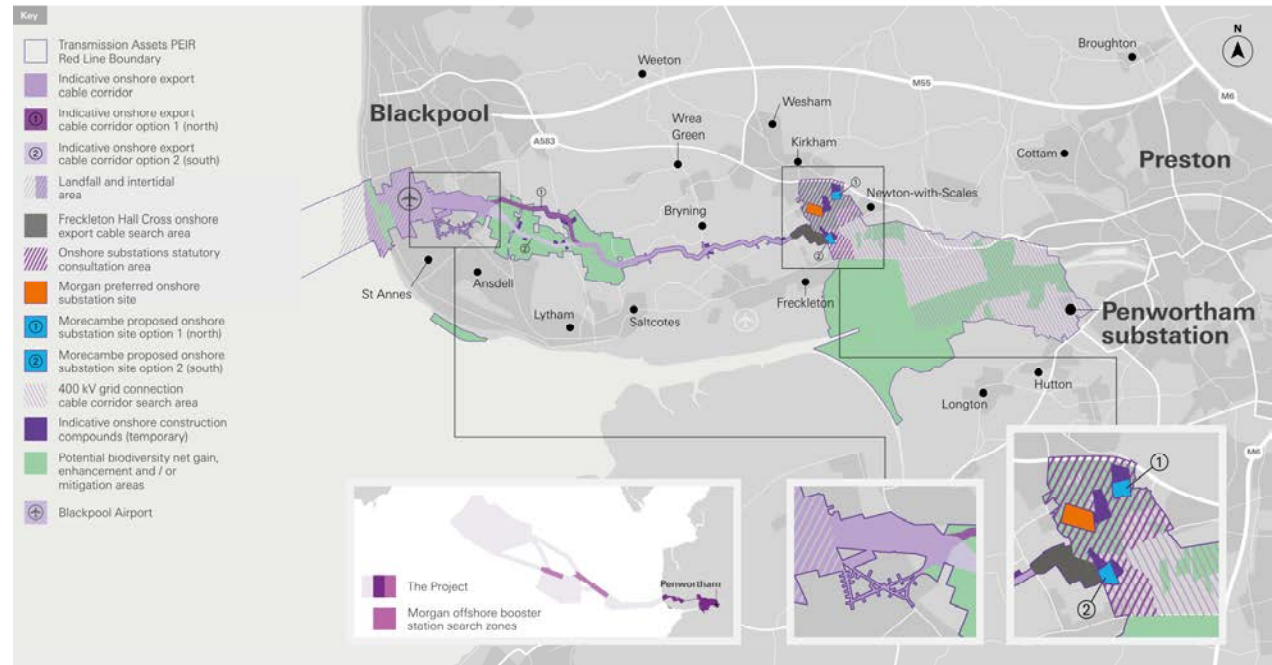




## Onshore elements of the Project

The Project will comprise both permanent and temporary infrastructure including, but not limited to:

- Landfall works (where the offshore cables reach the shore) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and / or mitigation including permanent access for operation and maintenance of those areas.



## Indicative onshore export cable corridor route

**The onshore export cables will provide a cable connection between the landfall area and the proposed onshore substations.**

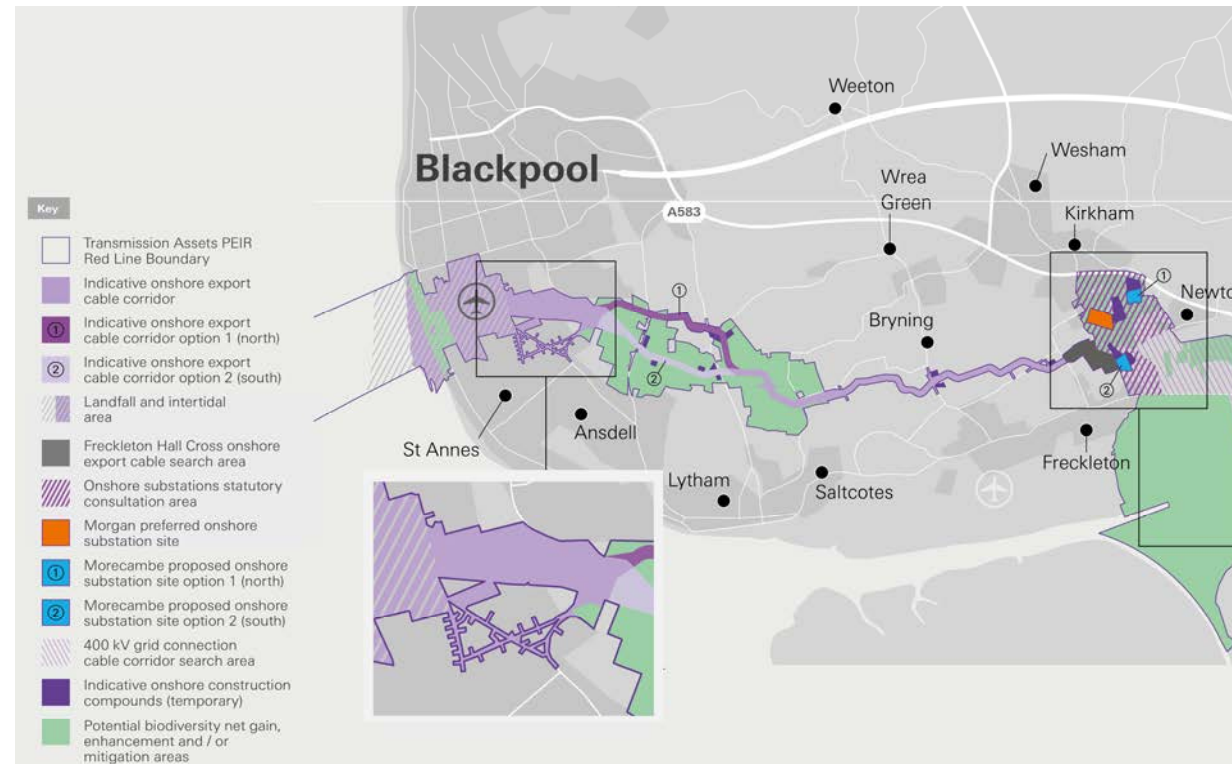
From the landfall, the onshore export cable corridor routes head east away from the coast. Beyond Blackpool Airport and Queensway (B5261), the route corridor narrows and heads south east towards North Houses Lane.

In the Lytham Moss and Higher Ballam area, there are two route options at present:

- **Option 1 (north)**, which passes to the north of Higher Ballam and avoids a farmland conservation area; or
- **Option 2 (south)**, which passes to the south of Higher Ballam.

The two options come together east of Ballam Road before turning south to cross Pegs Lane and passes to the north of Lytham Green Drive Golf Club.

The onshore export cable corridor then continues north east towards Hall Cross, north of Freckleton, and crosses the Freckleton / Hall Cross onshore export cable search area.



## Onshore substations statutory consultation area

To connect to the national grid, we will need to construct two new onshore substations, for the Morgan Offshore Wind Project and for the Morecambe Offshore Windfarm.

The onshore substations statutory consultation area is the area identified during the site selection process within which the proposed onshore substations (and associated temporary and permanent infrastructure) for the Project may be located.

We are seeking feedback both on this area as a whole and on the following areas within it:

- Morgan preferred onshore substation site
- Morecambe onshore substation site option 1 (north)
- Morecambe onshore substation site option 2 (south)

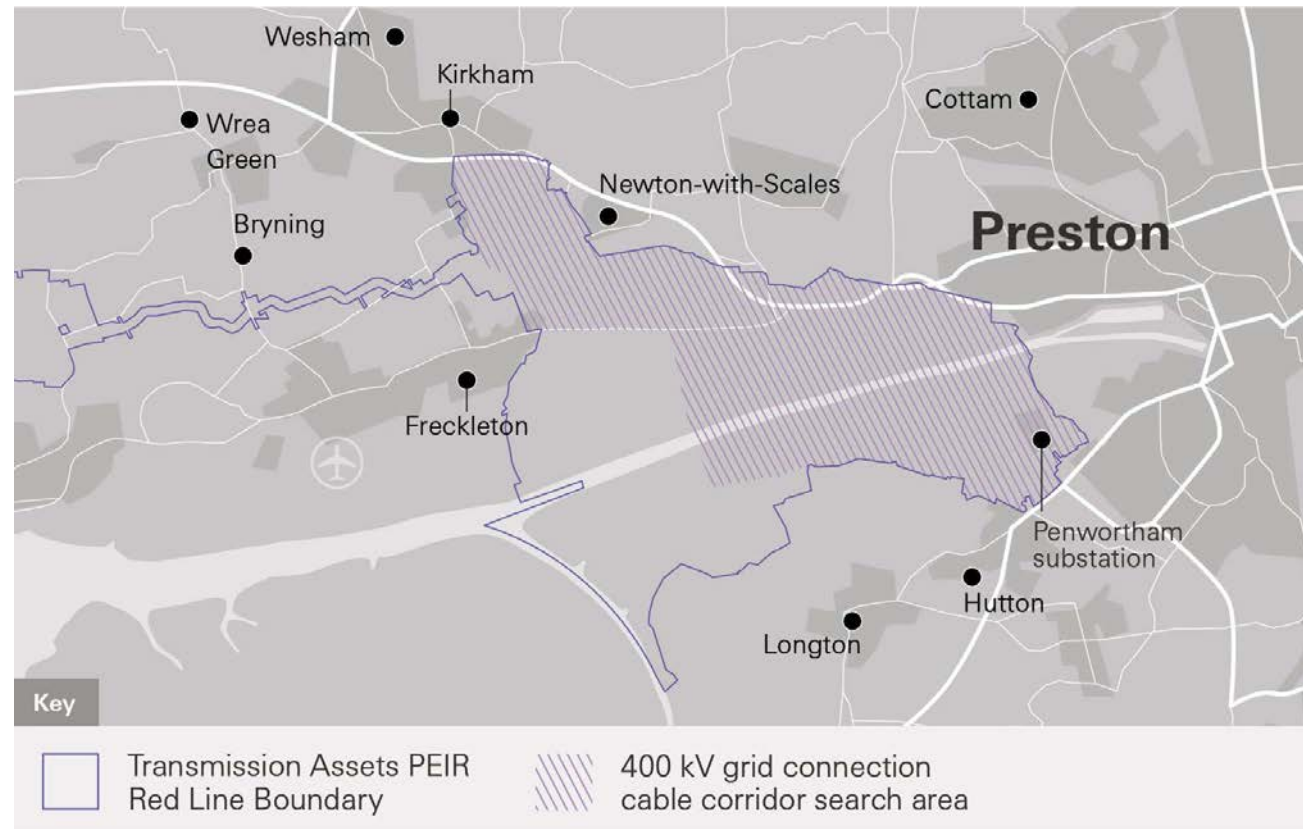


## 400 kV grid connection cable corridor search area

The connection between the proposed onshore substations and the existing National Grid Penwortham substation will be achieved by the 400 kV grid connection cables.

The route of the grid connection cables will cross existing infrastructure such as roads, railways and rivers. Where possible, all major crossings, such as major roads, rail crossings and the River Ribble will be undertaken using HDD or other trenchless technologies.

The 400 kV grid connection cables will be located within the 400 kV grid connection cable corridor search area. Where practical, the grid connection cable corridors / areas will be shared. However, this is dependent on the final location of the two onshore substations and the final point of connection to the grid at the existing Penwortham substation, as well as ongoing route refinement related to the crossing of the River Ribble.



## Inclusion of alternate roads option (adjacent to landfall)

From the landfall, the onshore cable corridor routes head east, away from the coast. Following the 2023 non-statutory consultation an option to install the onshore export cables within some of the roads between Blackpool airport and the Queensway (B5261) has been included within the project, should it be required.

In the event that the cables are installed within highways between the transition joint bays and the B5261, the onshore export cables would be installed in trenches along and underneath Blackpool Road North, Leach Lane, Kilnhouse Lane and the Queensway (B5261).

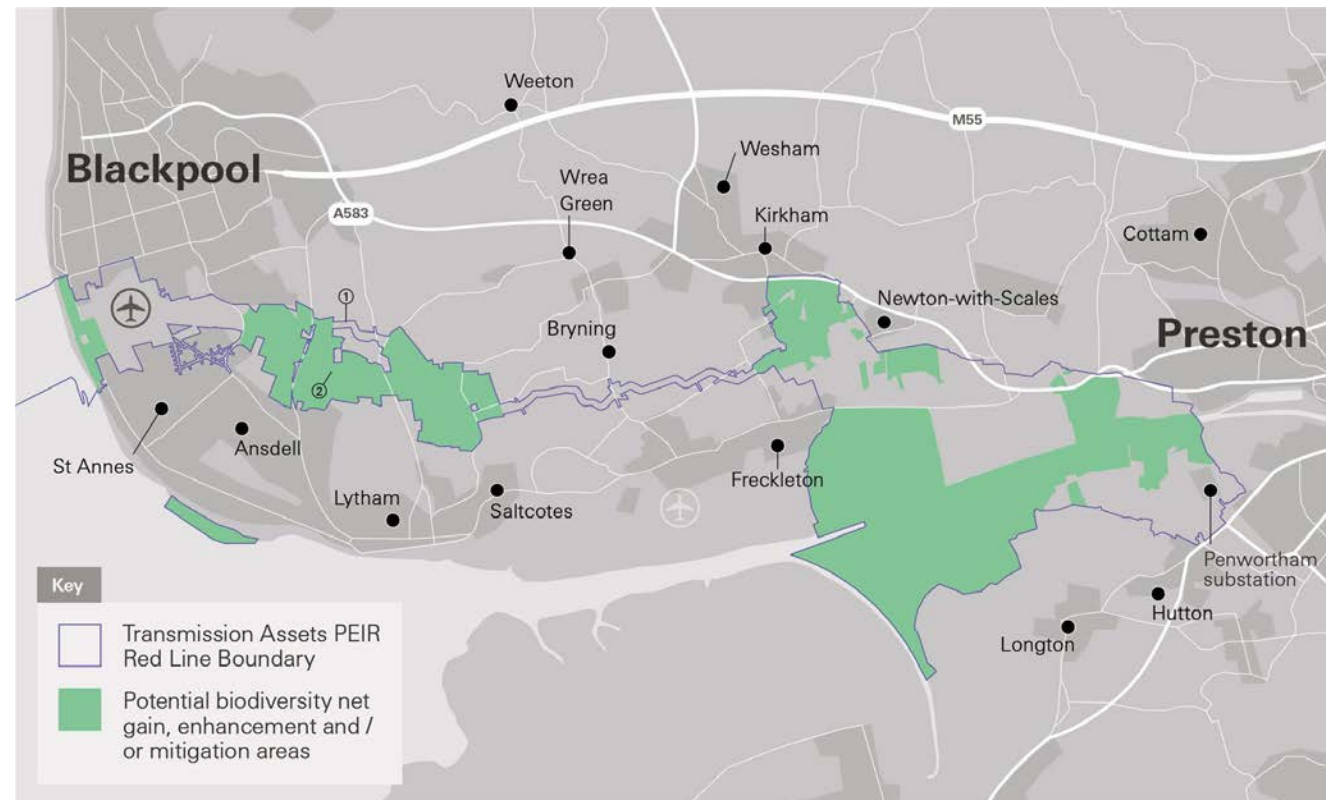
It is anticipated that up to two export cable circuits would be installed per trench, with up to two trenches per carriageway (i.e., one trench per traffic lane). The cables will be installed in ducts, expected to be installed approximately 1m below the road surface.



## Potential biodiversity net gain, enhancement and / or mitigation areas

The Project aims to mitigate potential environmental effects on habitats by improving biodiversity, and where possible, delivering a net gain. We have identified potentially suitable areas for mitigation, enhancement and / or net gain, and these are illustrated on the map.

We want to work with landowners and statutory bodies to deliver these potential opportunities which are being explored. We are keen to hear more from, and to collaborate with existing biodiversity schemes in the area to identify where the Project can potentially make a positive contribution towards ongoing conservation.

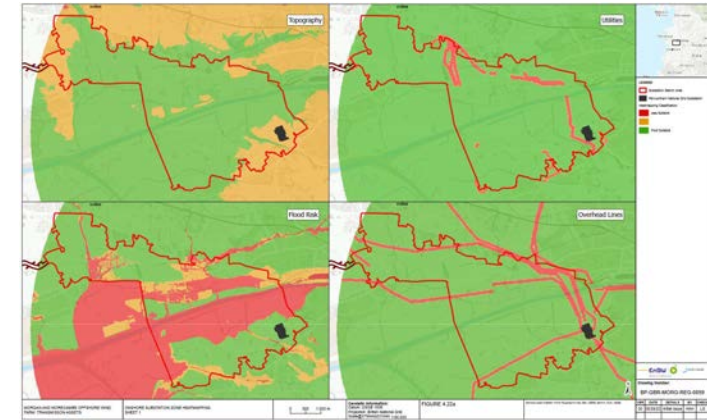
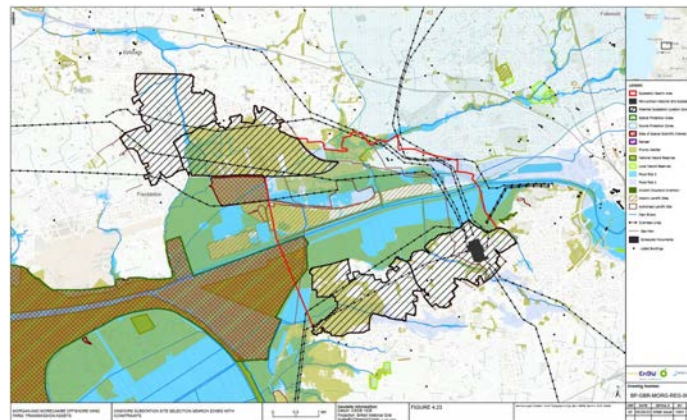
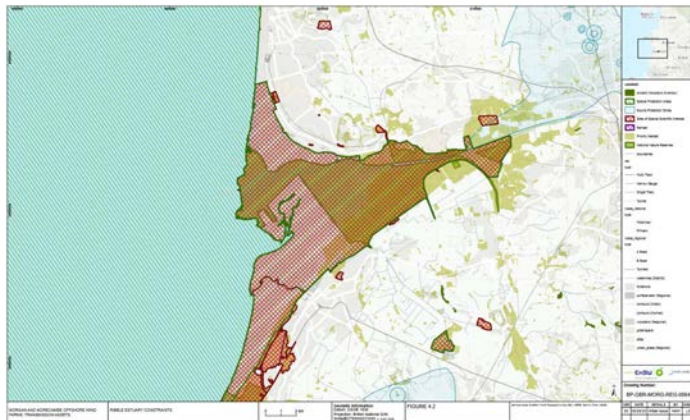


## Site selection and route refinement

Our site selection and refinement processes have incorporated environmental, landowner and engineering constraints such as proximity to residential areas, baseline data, environmentally designated sites, flood risk and ground conditions.

Local and community feedback received through our two non-statutory consultations has also played an important part of our considerations.

The process of site selection and refinement remains ongoing, and following this consultation, the final proposed siting for the onshore infrastructure will be presented with the final application



## River Ribble/ Ribble Estuary

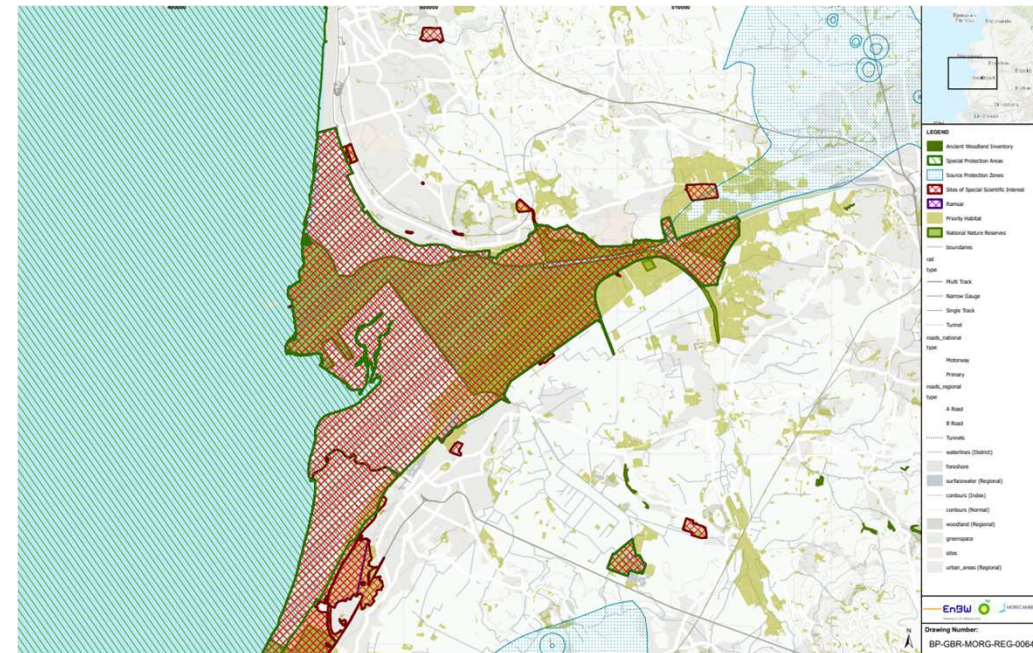
The Ribble estuary has numerous ecological designations protected by UK legislation. These include:

- the Liverpool Bay Special Protection Area,
- Ribble and Alt Estuary Special Protection Area,
- the Ribble and Alt Estuary Ramsar site (a wetland of international importance under the Ramsar Convention),
- Ribble Estuary Site of Special Scientific Interest (SSSI),
- Ribble Estuary Marine Conservation Zone and Ribble Estuary National Nature Reserve.

Therefore, it is not an area we would prioritise for infrastructure due to its protected status. These designations protect sensitive estuarine habitat associated with European smelt (*Osmerus eperlanus* – a rare and protected species of fish) and breeding, passing and over-wintering bird species listed as of conservation concern.

The habitats found within the estuary consist of mudflats, sandflats and saltmarsh habitats that are very sensitive to disturbance with construction, risking potential contamination and destruction to these habitats.

The tidal nature and shallow water depths of the estuary also create heightened risk to construction as the unstable riverbed conditions are unsuitable for trenching/ cable laying vessels to access. As such, cabling through the estuary would result in extremely long construction timeframes and risk extensive, and potentially long-term damage to sensitive and protected habitats that support smelt and protected bird species, whilst also presenting unsafe working conditions during construction.





## Onshore substations statutory consultation rationale

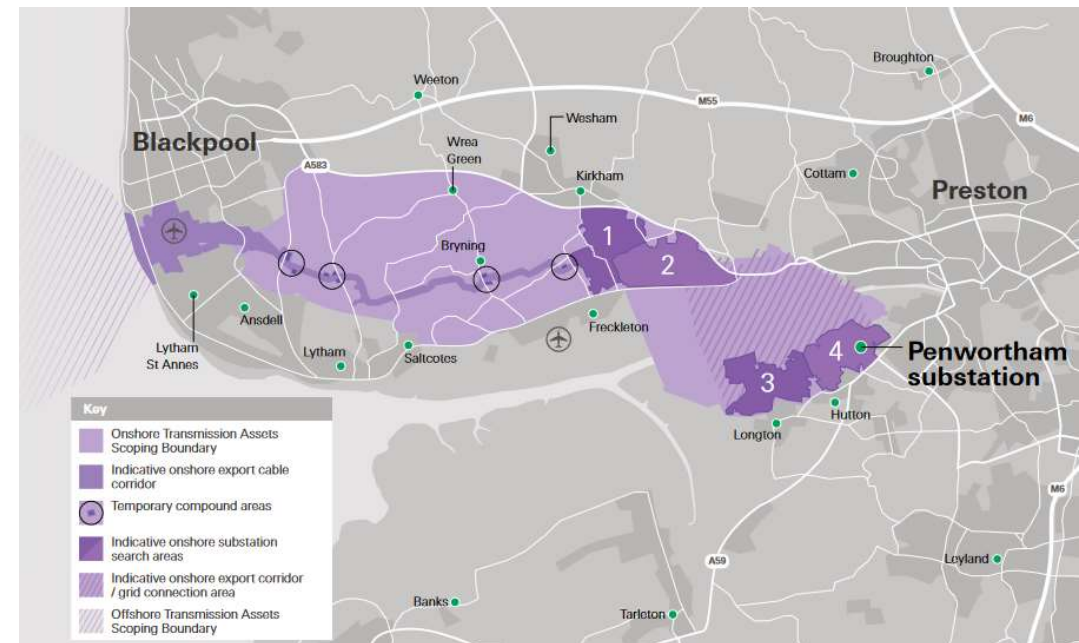
Following confirmation from National Grid that the wind farms would connect to the National Grid substation at Penwortham, work began to identify areas in the vicinity of Penwortham as a part of the route planning and site selection process.

Land within 8km of the substation at Penwortham was assessed for its suitability based on a number of factors, including but not limited to:

- Environmental sensitivities e.g. statutory and non-statutory designated sites, such as priority habitats, flood risk and modelling information, and contaminated land
- Ground conditions, such as topography
- Analysis of baseline environmental survey data, including ornithology (breeding bird and wintering bird) surveys
- Proximity to residential properties and receptors
- Accessibility to the existing road network
- Utility infrastructure (mains and high-pressure gas and water pipelines, and overhead pylons and lines).

As a result, four substation zones - two north and two south of the River Ribble - were presented at our non-statutory consultation, April - June 2023 (see image, right).

**2023 non-statutory consultation (19 April - 4 June 2023) - Substation search areas**



## Onshore substations statutory consultation rationale cont'd

Alongside consideration of feedback from our non-statutory consultation, further analysis was undertaken of the substation zones to refine and establish the most suitable zones for siting the onshore substations.

Zones 3 and 4, south of the River Ribble, are rich in sensitive habitats that support numerous protected species of birds and are constrained by space, topography and access. Zone 2, north of the River Ribble, contains sensitive habitat similar to that found at Newton Marsh and along the Ribble estuary supporting numerous protected bird species.

Zone 2 also contains two gas main pipelines, and is generally at higher risk of flooding. Zone 1 is further from designated sites and contains fewer sensitive habitats, as well as having better access to the main highway network.

As such the area of Zone 1 was selected as the basis for the "onshore substations statutory consultation area".

Within the onshore substations consultation area a number of constraints have been identified. As such the siting of the preferred substations are based on the space required and constraints such as proximity to residential receptors, utilities, watercourses, topography and access.

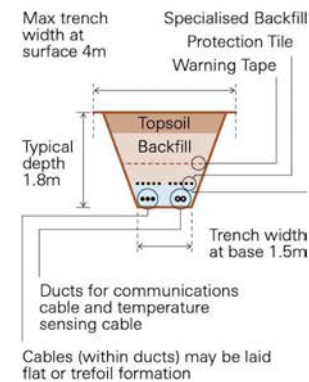
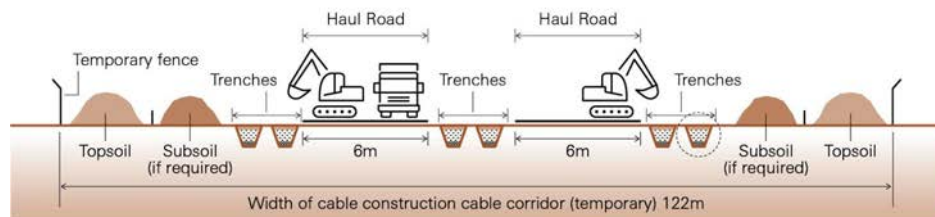
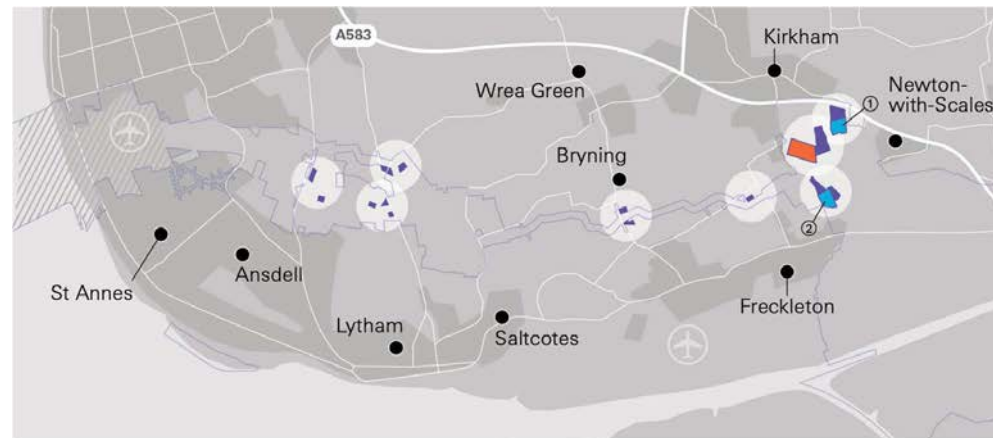
The process of site selection and refinement remains ongoing, and following this statutory consultation, the final siting for the onshore substations (and associated temporary and permanent infrastructure) will be presented in the final application alongside the Environmental Statement.



## Construction

Construction of the Project will involve a range of specialist engineering techniques

- Onshore export cables
- Onshore substations
- Landfall area
- Temporary construction compounds



Indicative temporary cable corridor cross section

## How we have developed our proposals

### Environmental considerations

- October 2022 - Scoping Report - Set out what we understood, at the time, to be the Project's likely effects on the environment and how we would assess them.
- December 2022 - Secretary of State's Scoping Opinion

Since then, we have been carrying out a range of environmental assessments to better understand the potential impacts of the Project.

We have also engaged with statutory bodies to understand in greater detail the area that we're proposing to work in.

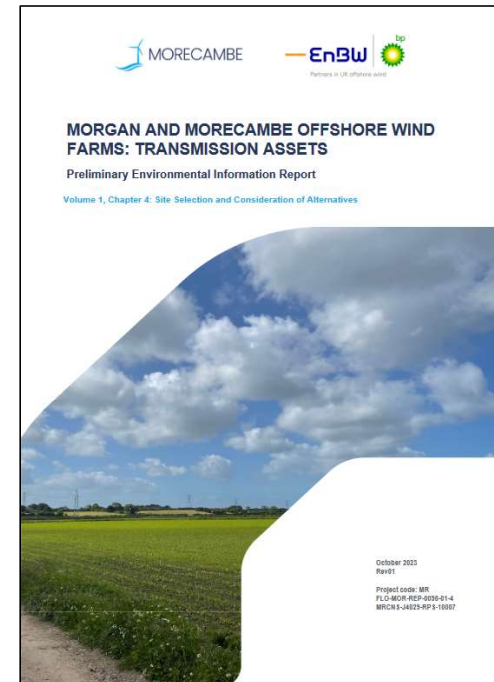
Our environmental assessments are undertaken using a wide range of data sources, including Project specific surveys.

Using the wide range of data gathered, we have produced our PEIR.

### Preliminary Environmental Information Report (PEIR)

- Available to view in full on our website, published ahead of this statutory consultation
- A statutory requirement of the DCO process
- Provides the preliminary findings of our environmental assessments, including the likely environmental effects of the Project and how they could be mitigated.

Feedback from this consultation, and further technical work, will help us to refine our plans and develop our Environmental Statement, which will form an important part of our DCO application.



## The Development Consent Order (DCO) process

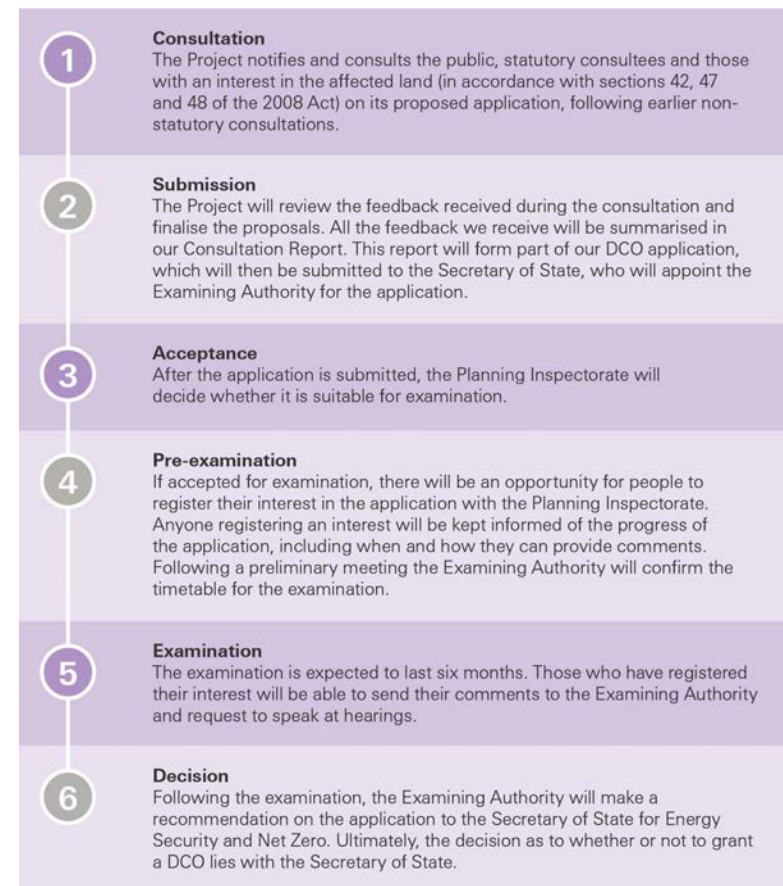
In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under section 35 of the Planning Act 2008 that the Project should be treated as a development for which development consent is required.

Consent to construct, operate, maintain, and decommission the Project will therefore be sought under the Planning Act 2008.

We expect to submit our application for development consent in 2024.

The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State for the Department of Energy Security and Net Zero.

The Secretary of State will then make the final decision on our application, which we expect to receive before the end of 2025.



## Forward Look

- We are continuing to develop the Environmental Impact Assessments and design work to refine our proposals following submission of our Preliminary Environmental Information Report (PEIR).
- We will then submit our Development Consent Order (DCO) to the Planning Inspectorate, for consideration by the relevant Secretary of State in Summer 2024.
- Following acceptance of the application, The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State, who will make the final decision on our application. The examination will be held over a period of up to 6 months.
- If the project is granted development consent, we expect to begin construction in 2026/27 with the aim of being operational by 2028/29.



## Feedback

**Our consultation is open from Thursday 12 October to 23:59pm on Thursday 23 November 2023.**

We welcome your views and knowledge as we work to develop our proposals further.

You can take part and provide feedback in a number of ways:

- **Complete a feedback form** – at <https://morecambeandmorgan.com/transmission/>, at consultation events, deposit locations or by request from the team.
- **Email us:** send your feedback to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- **Write to us:** send us a letter to **Freepost MORECAMBE AND MORGAN**
- **Use our feedback map:** drop a pin and leave comments online and / or attach files (such as document or images) to your feedback at <https://feedback.morecambeandmorgan.com/transmission/map>.



## **Come and see us**

You can find out more about the project at one of our in person consultation events.

These events are a great way to learn more, meet the project team and ask any questions you may have.

- **Fri 10 Nov, 3pm - 7pm**

Fylde Rugby Club, Woodlands Memorial Ground, Blackpool Road, Ansdell, Lytham St Annes, Lancashire, FY8 4EL

- **Sat 11 Nov, 10am – 1pm**

William Segar Hodgson Pavilion, Coronation Rd, Kirkham, Preston PR4 2HE

- **Thu 16 Nov, 3pm – 7pm**

Douglas Borough Council, Town Hall, Ridgeway Street, Douglas, Isle of Man IM99 1AD



# Questions



## E1.8.12.4 24 January 2024 presentation

# Morgan and Morecambe Offshore Wind Farms: Transmission Assets project







Meeting with South Ribble Council  
24 January 2024



## Welcome

1. Introductions
2. About us
3. A coordinated approach
4. What are Transmission Assets?
5. Offshore elements of the Project
6. Onshore elements of the Project
7. Landfall
8. Inclusion of alternate roads option
9. Indicative onshore export cable corridor route
10. Onshore substations statutory consultation area
11. 400 kV grid connection cable corridor search area
12. Onshore elements of the project, South Ribble Area
13. Potential biodiversity net gain, enhancement and / or mitigation areas
14. River Ribble / Ribble Estuary
15. Consultation to date
16. How we have developed our proposals
17. The Development Consent Order (DCO) process
18. Forward Look
19. Questions

## Introductions

Panel	
Morgan (bp / EnBW)	Morecambe (Flotation Energy)
 	   

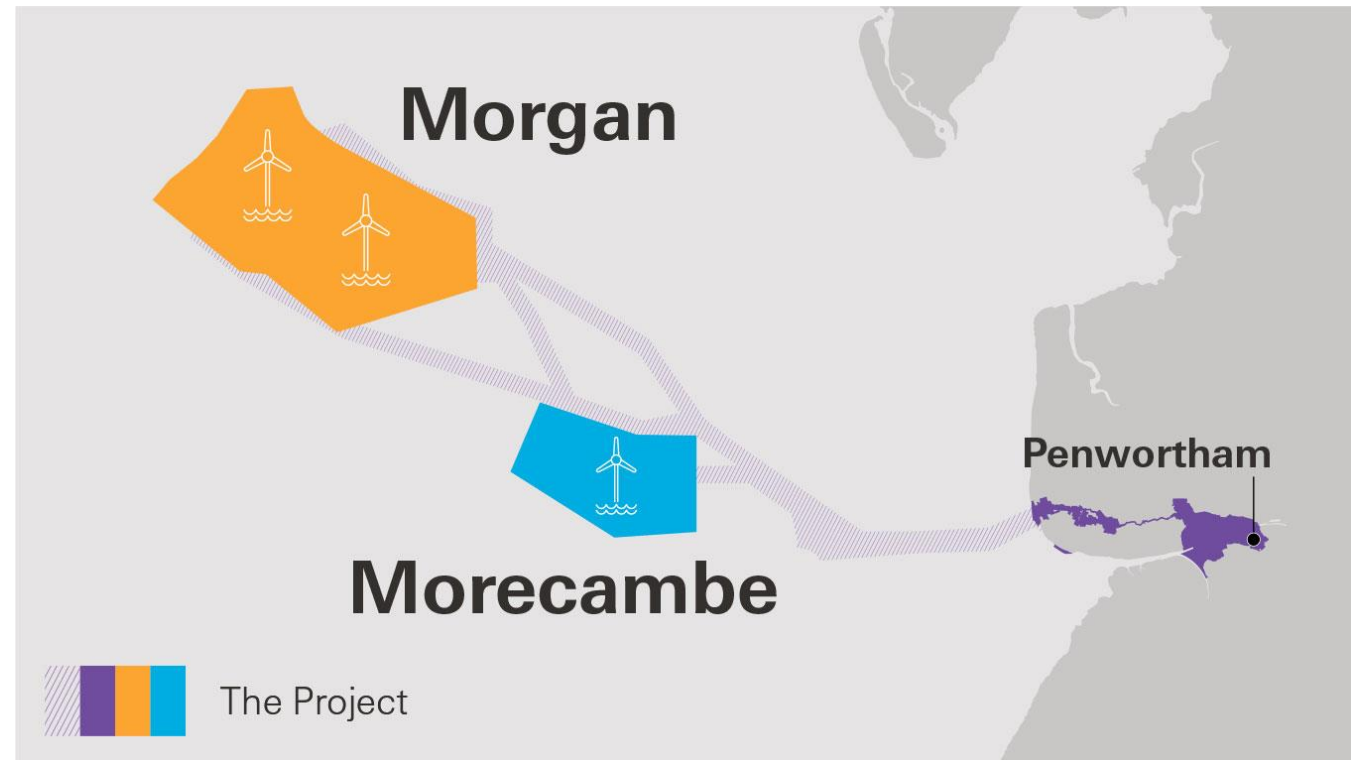
## About us

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are working together to connect both offshore wind farms to the electricity transmission network.

**Morgan Offshore Wind Limited**, a joint venture between bp and EnBW Energie Baden-Württemberg AG, is developing the Morgan Offshore Wind Project.

**Morecambe Offshore Windfarm Limited**, a joint venture between Cobra and Flotation Energy Limited, is developing the Morecambe Offshore Windfarm.

Together, the two wind farms have the potential to generate almost 2GW of electricity— enough to power the equivalent of around two million homes.

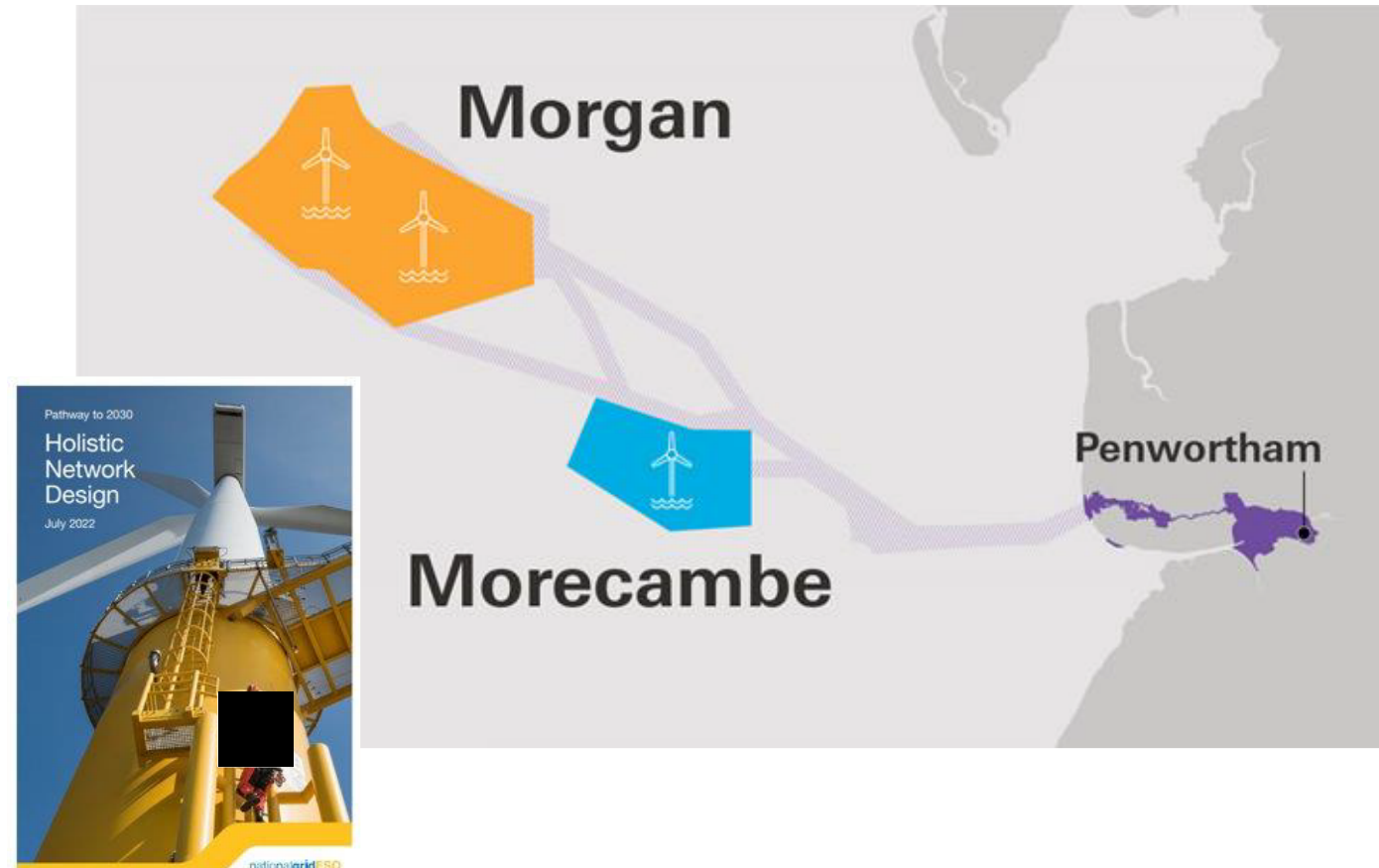


## A coordinated approach

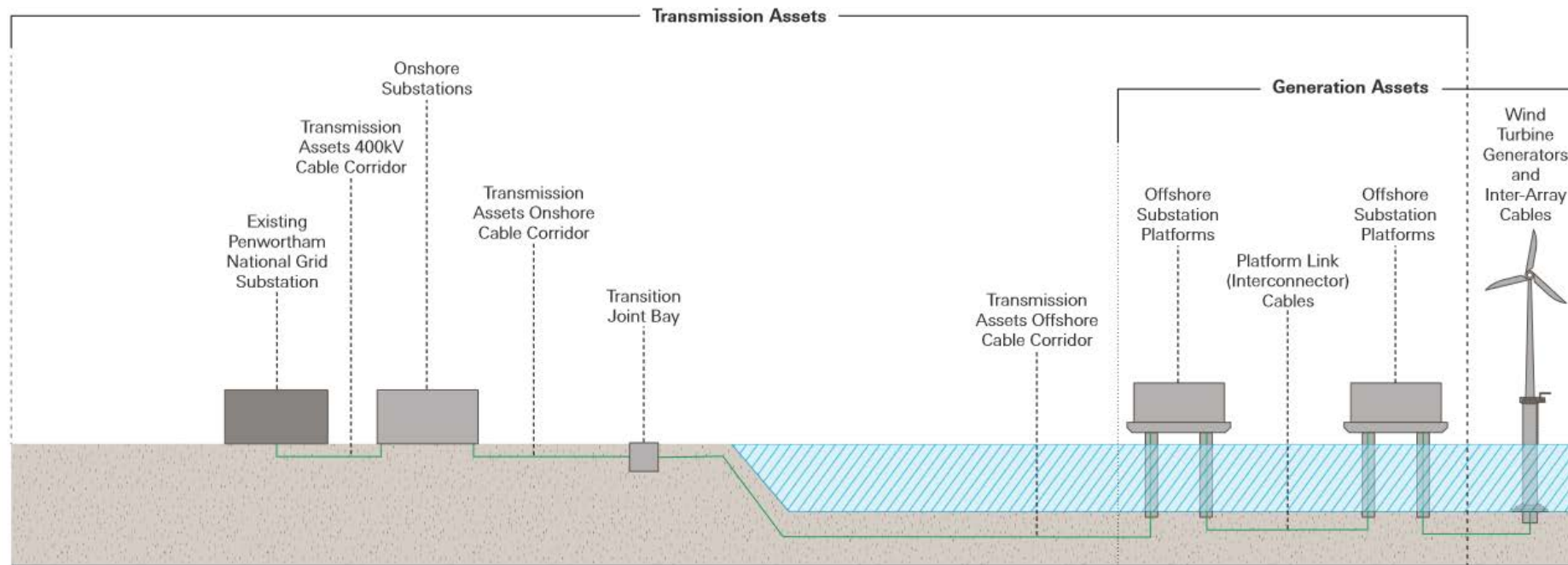
The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm were scoped into the Pathway to 2030 workstream of the UK Government’s Offshore Transmission Network Review (“OTNR”).

As part of the OTNR, National Grid assessed options to improve the coordination of offshore wind farm connections and associated transmission networks. In July 2022, the UK Government published the Pathway to 2030 Holistic Network Design Report which set out the results of the OTNR and its proposed approach to connecting 50GW of offshore wind to the UK national grid.

This concluded that the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm should work collaboratively to connect the wind farms to the national grid at Penwortham in Lancashire. The developers were involved in this process and agree with this conclusion, and as a result are developing the transmission assets associated with each offshore wind farm together.



## What are Transmission Assets?



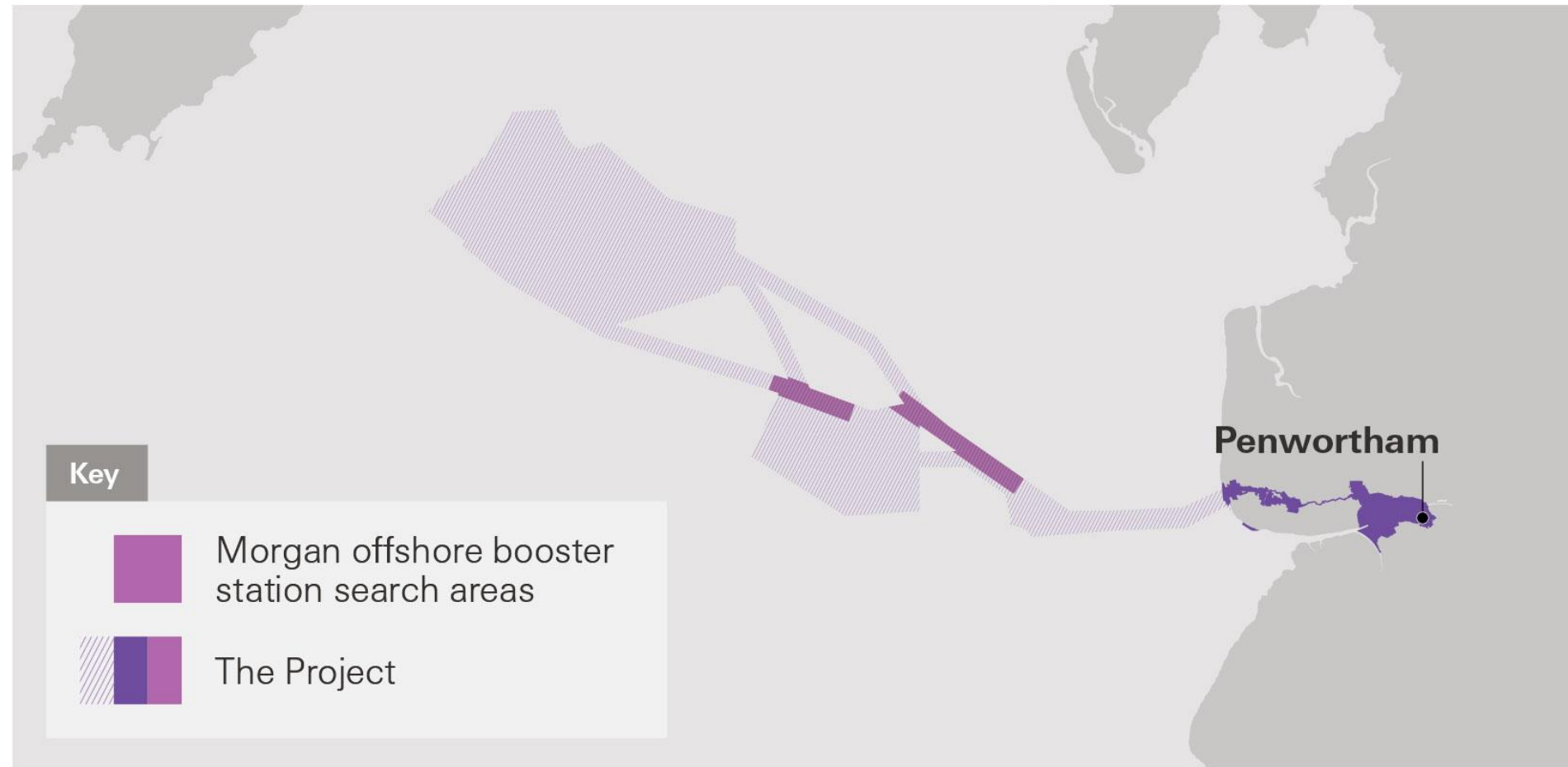
This indicative diagram illustrates which part of the projects are classified as Generation Assets (Morecambe Offshore Windfarm and Morgan Offshore Wind Project) and which parts are classified as Transmission Assets (Morgan and Morecambe Offshore Wind Farms: Transmission Assets).



## Offshore elements of the Project

The Project will comprise offshore infrastructure including:

- Offshore substation platform(s)
- Interconnector cables
- Offshore export cables
- A Morgan offshore booster station.



## Onshore elements of the Project

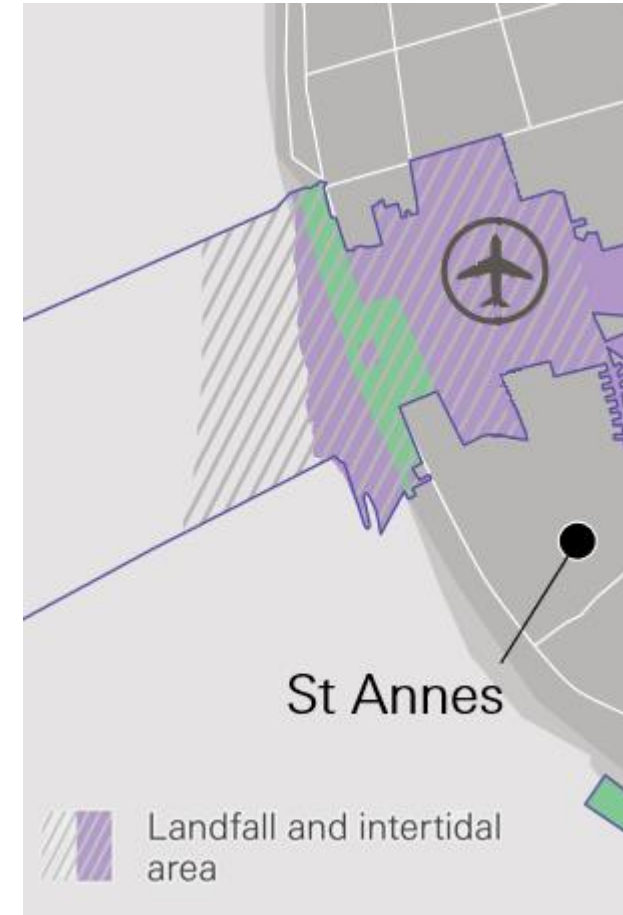
The Project will comprise both permanent and temporary infrastructure including, but not limited to:

- Landfall works (where the offshore cables reach the shore) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and / or mitigation including permanent access for operation and maintenance of those areas.



## Landfall

- The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling.
- The transition joint bays would house the area where the offshore cables are connected to the onshore cables.
- The landfall area for the Project is proposed to be located between Blackpool and Lytham St Annes.



## Inclusion of alternate roads option (adjacent to landfall)

From the landfall, the onshore cable corridor routes head east, away from the coast. Following the 2023 non-statutory consultation an option to install the onshore export cables within some of the roads between Blackpool airport and the Queensway (B5261) has been included within the project, should it be required.

In the event that the cables are installed within highways between the transition joint bays and the B56261, the onshore export cables would be installed in trenches along and underneath Blackpool Road North, Leach Lane, Kilnhouse Lane and the Queensway (B5261).

It is anticipated that up to two export cable circuits would be installed per trench, with up to two trenches per carriageway (i.e., one trench per traffic lane). The cables will be installed in ducts, expected to be installed approximately 1m below the road surface.



## Indicative onshore export cable corridor route

The onshore export cables will provide a cable connection between the landfall area and the proposed onshore substations.

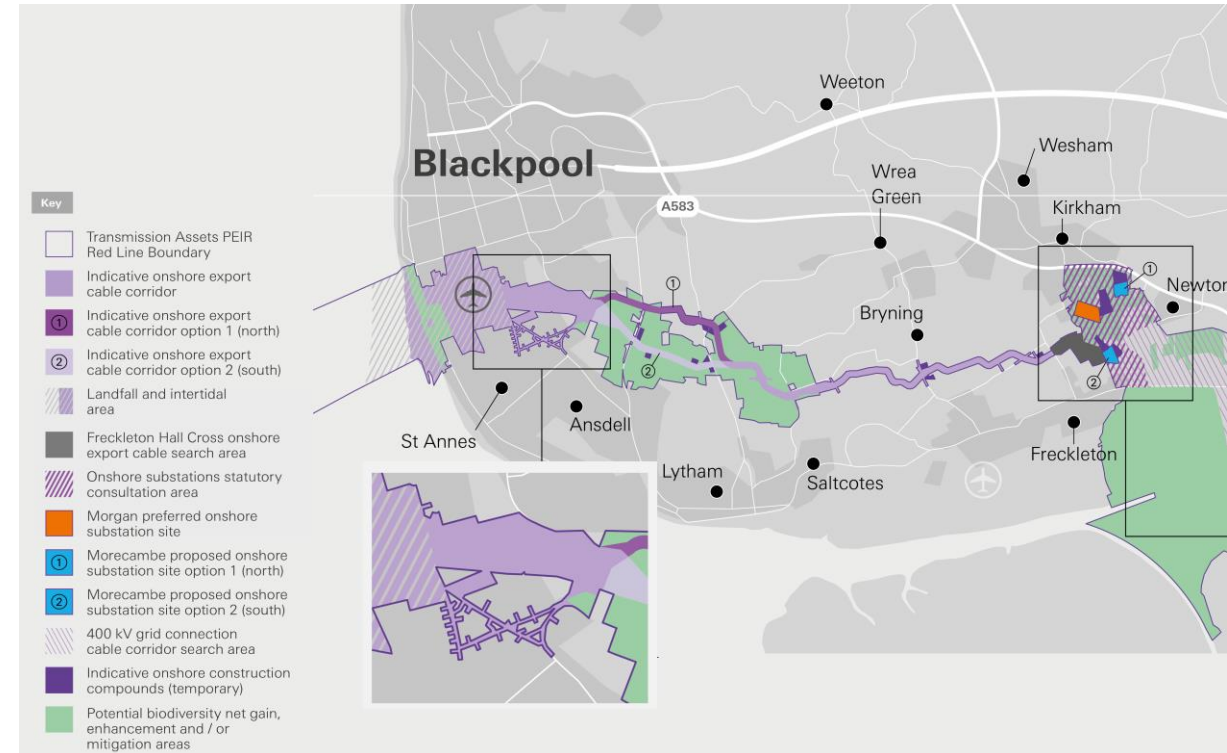
From the landfall, the onshore export cable corridor routes head east away from the coast. Beyond Blackpool Airport and Queensway (B5261), the route corridor narrows and heads south east towards North Houses Lane.

In the Lytham Moss and Higher Ballam area, there are two route options at present:

- **Option 1 (north)**, which passes to the north of Higher Ballam and avoids a farmland conservation area; or
- **Option 2 (south)**, which passes to the south of Higher Ballam.

The two options come together east of Ballam Road before turning south to cross Pegs Lane and passes to the north of Lytham Green Drive Golf Club.

The onshore export cable corridor then continues north east towards Hall Cross, north of Freckleton, and crosses the Freckleton / Hall Cross onshore export cable search area.



## Onshore substations statutory consultation area

To connect to the national grid, we will need to construct two new onshore substations, one for the Morgan Offshore Wind Project and one for the Morecambe Offshore Windfarm.

The onshore substations statutory consultation area is the area identified during the site selection process within which the preferred onshore substations (and associated temporary and permanent infrastructure) for the Project may be located.

We are seeking feedback both on this area as a whole and on the following areas within it:

- Morgan preferred onshore substation site
- Morecambe onshore substation site option 1 (north)
- Morecambe onshore substation site option 2 (south)

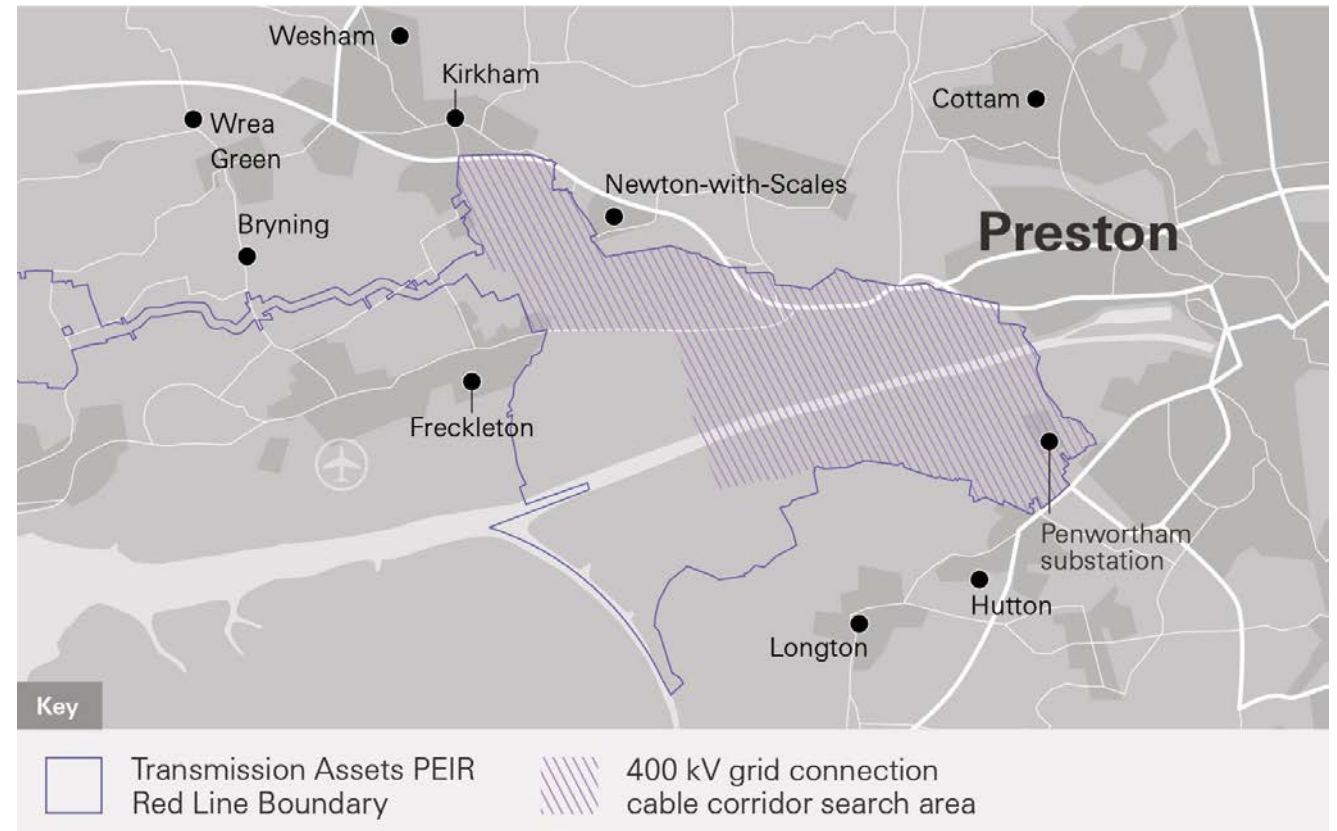


## 400 kV grid connection cable corridor search area

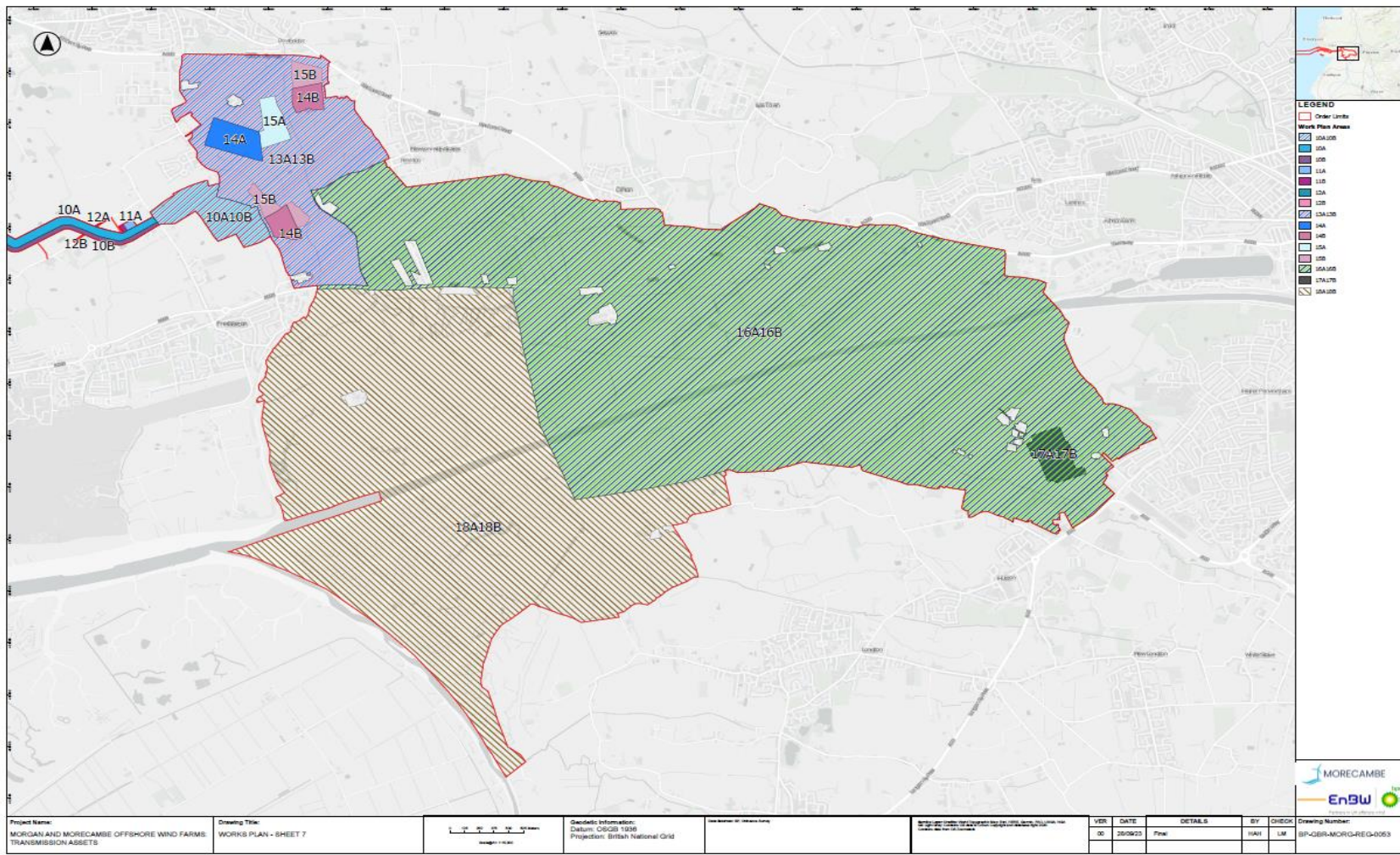
The connection between the proposed onshore substations and the existing National Grid Penwortham substation will be achieved by 400 kV grid connection cables.

The route of the grid connection cables will cross existing infrastructure such as roads, railways and rivers. Where possible, all major crossings, such as major roads, rail crossings and the River Ribble will be undertaken using HDD or other trenchless technologies.

The 400 kV grid connection cables will be located within the 400 kV grid connection cable corridor search area. Where practical, the grid connection cable corridors / areas will be shared. However, this is dependent on the final location of the two onshore substations and the final point of connection to the grid at the existing Penwortham substation, as well as ongoing route refinement related to the crossing of the River Ribble.



## Onshore elements of the Project (South Ribble area)

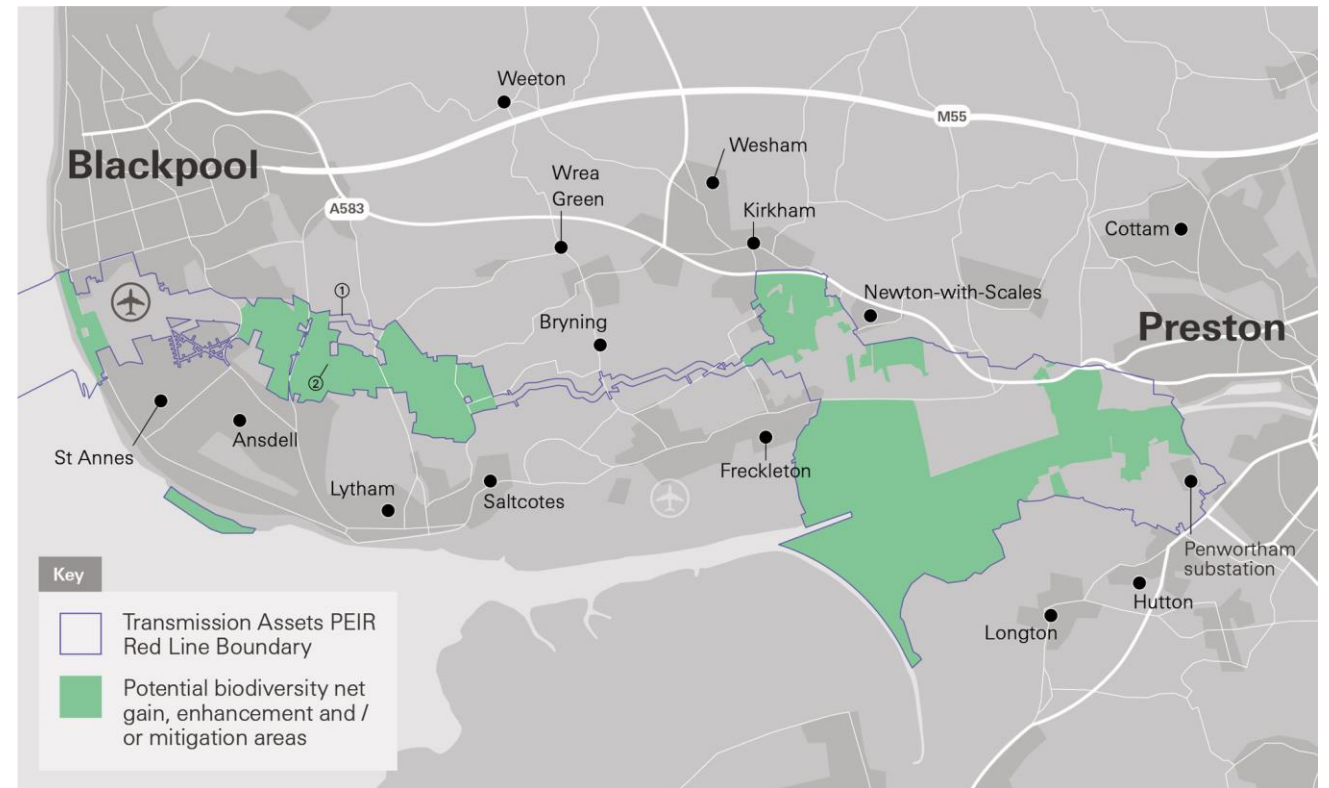




## Potential biodiversity net gain, enhancement and / or mitigation areas

The Project aims to mitigate potential environmental effects on habitats by improving biodiversity and, where possible, delivering a net gain. We have identified potentially suitable areas for mitigation, enhancement and / or net gain, and these are illustrated on this map.

We want to work with landowners and statutory bodies to deliver these potential opportunities which are being explored. We are keen to hear more from, and to collaborate with, existing biodiversity schemes in the area to identify where the Project can potentially make a positive contribution towards ongoing conservation.

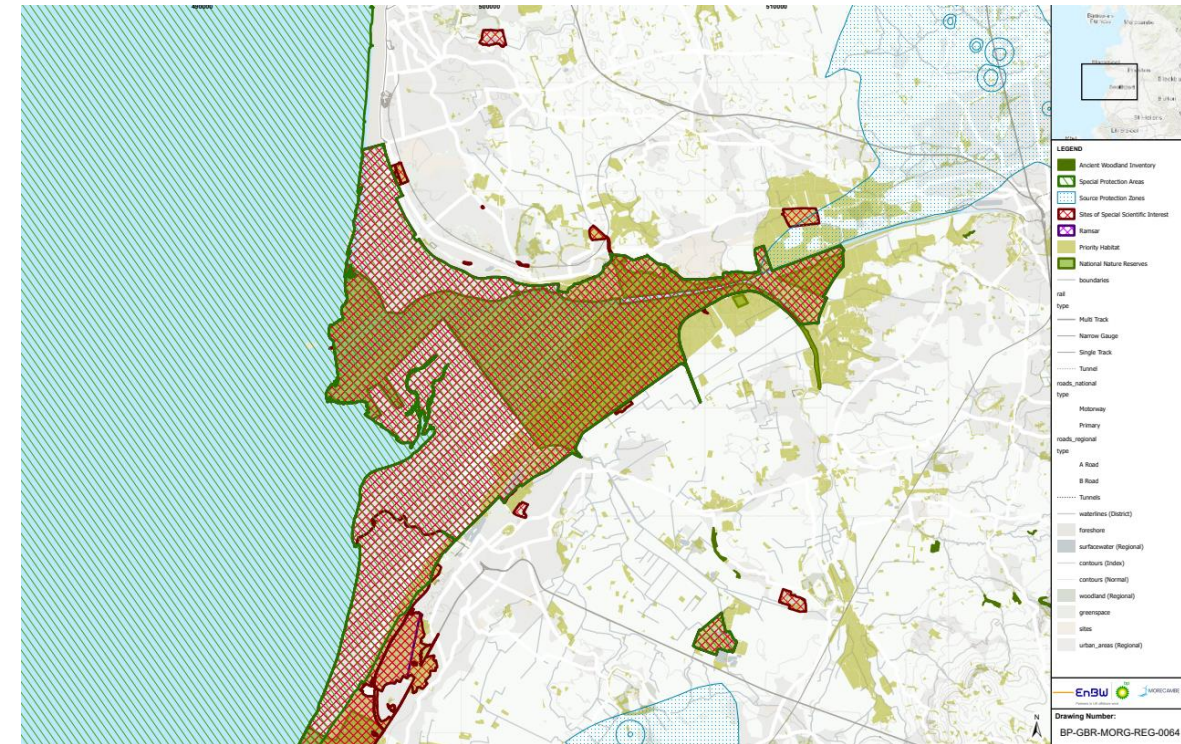


## River Ribble / Ribble Estuary

The Ribble estuary has numerous ecological designations protected by UK legislation. These include:

- the Liverpool Bay Special Protection Area,
- Ribble and Alt Estuary Special Protection Area,
- the Ribble and Alt Estuary Ramsar site (a wetland of international importance under the Ramsar Convention),
- Ribble Estuary Site of Special Scientific Interest (SSSI),
- Ribble Estuary Marine Conservation Zone and Ribble Estuary National Nature Reserve.

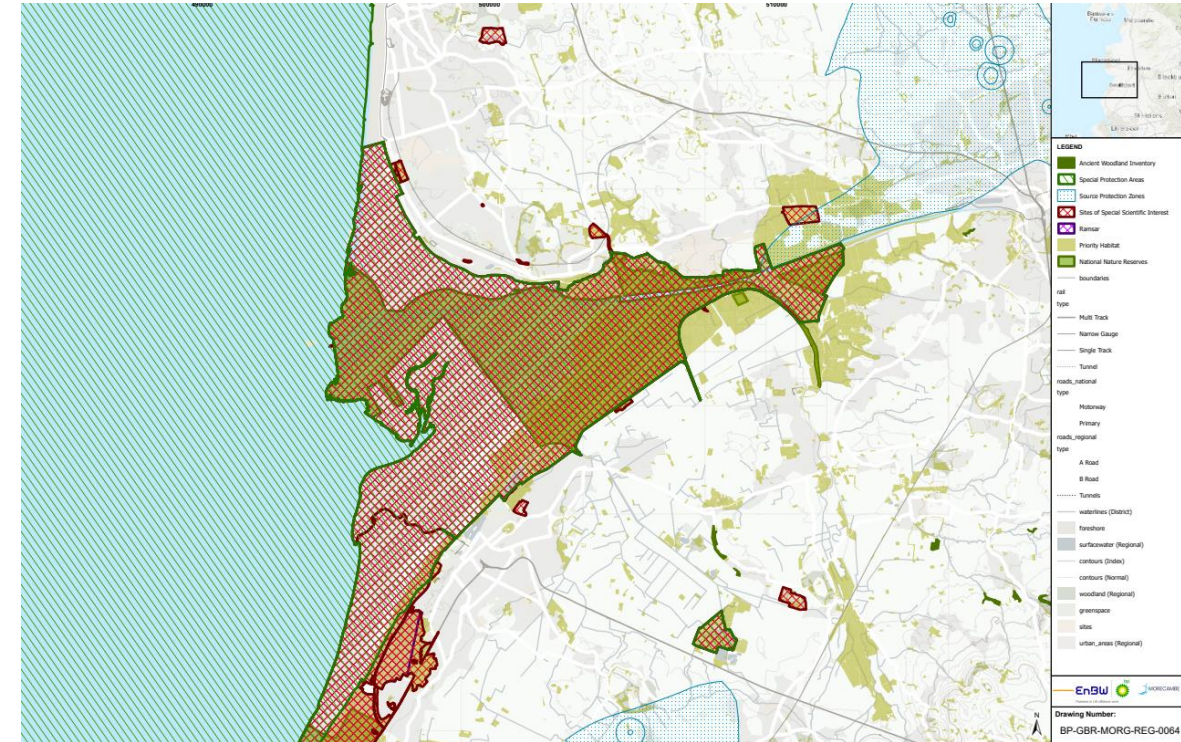
Therefore, it is not an area we would prioritise for infrastructure due to its protected status. These designations protect sensitive estuarine habitat associated with European smelt (*Osmerus eperlanus* – a rare and protected species of fish) and breeding, passaging and over-wintering bird species listed as of conservation concern.



## River Ribble / Ribble Estuary

The habitats found within the estuary consist of mudflats, sandflats and saltmarsh habitats that are very sensitive to disturbance with construction, risking potential contamination and destruction to these habitats.

The tidal nature and shallow water depths of the estuary also create heightened risk to construction as the unstable riverbed conditions are unsuitable for trenching/cable laying vessels to access. As such, cabling through the estuary would result in extremely long construction timeframes and risk extensive, and potentially long-term damage to sensitive and protected habitats that support smelt and protected bird species, whilst also presenting unsafe working conditions during construction.



## Consultation to date

### **2022 non-statutory consultation**

Our first non-statutory consultation took place between 2 November and 13 December 2022 and provided local people and stakeholders with the opportunity to give their feedback on the proposed development.

At this consultation, the Project presented the Transmission Assets Scoping Boundary (onshore and offshore), which was represented in consultation materials alongside the anticipated array areas for the Morecambe Offshore Windfarm and Morgan Offshore Wind Project Generation Assets

### **2023 non-statutory consultation Statutory consultation**

Our second non-statutory consultation on the Project took place between 19 April and 4 June 2023 and provided local people and stakeholders with the opportunity to give their feedback on our latest proposals

### **2023 statutory consultation**

Our third consultation too place between 12 October to 23 November 2023. Here we presented our latest and more refined proposals, where we sought feedback from the community and stakeholders.

All information can be found on our website at [www.morecambeandmorgan.com](http://www.morecambeandmorgan.com)



## How we have developed our proposals

### Environmental considerations

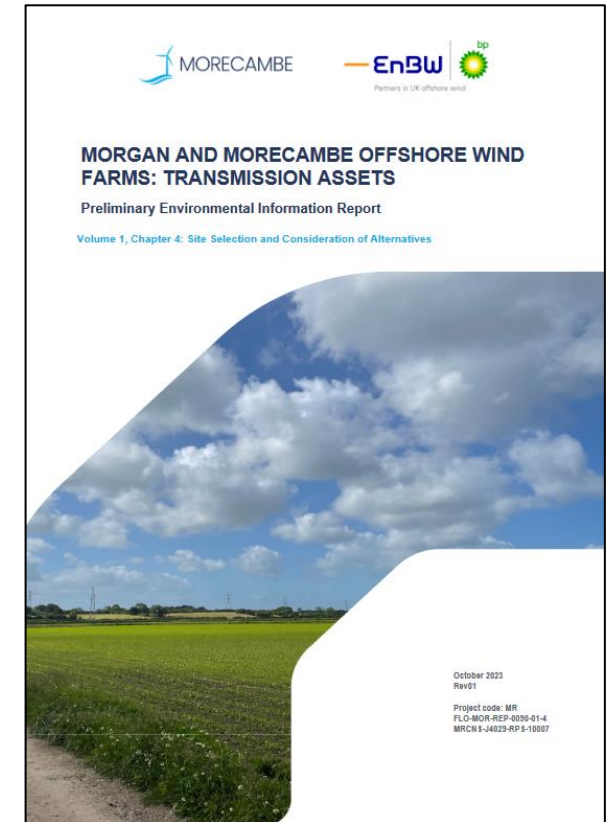
- October 2022 - Scoping Report - Set out what we understood, at the time, to be the Project's likely effects on the environment and how we would assess them
- December 2022 - Secretary of State's Scoping Opinion

Since then, we have been carrying out **a range of environmental assessments** to better understand the potential impacts of the Project.

We have also **engaged with statutory bodies** to understand in greater detail the area that we're proposing to work in.

Our environmental assessments are undertaken using a wide range of data sources, including Project specific surveys.

Using the wide range of data gathered, **we published PEIR.**

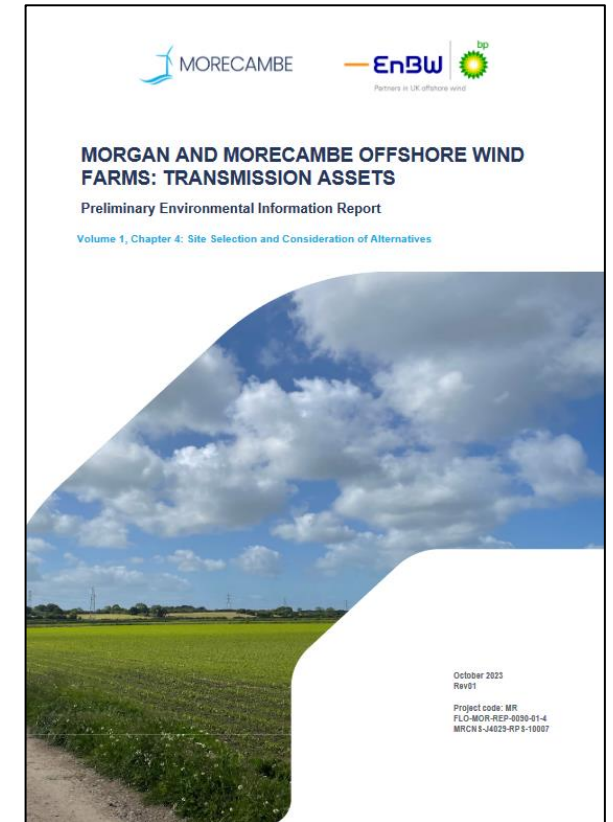


## How we have developed our proposals

### Preliminary Environmental Information Report (PEIR)

- Available to view in full on our [website](#), published as part of our statutory consultation
- A statutory requirement of the DCO process
- Provides the preliminary findings of our environmental assessments, including the likely environmental effects of the Project and how they could be mitigated.

Feedback from our consultations, and technical work, will help us to refine our plans and develop our Environmental Statement, which will form an important part of our DCO application.



## The Development Consent Order (DCO) process

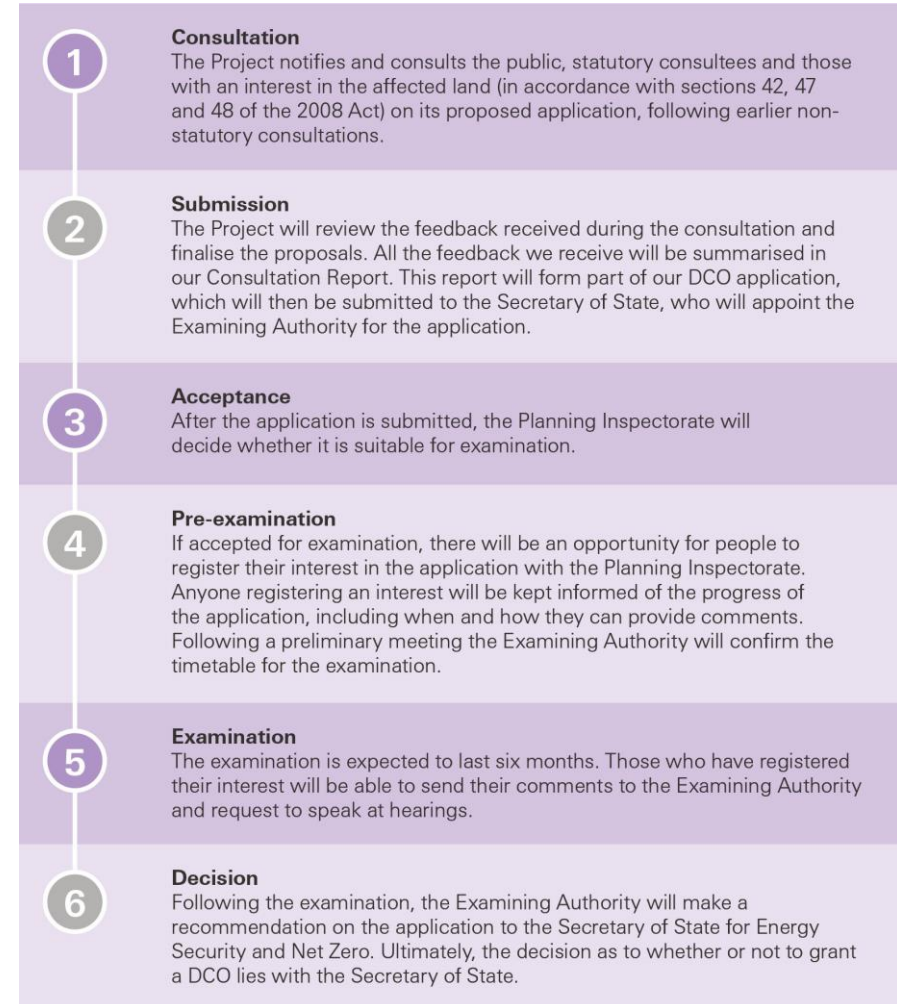
In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under section 35 of the Planning Act 2008 that the Project should be treated as a development for which development consent is required.

Consent to construct, operate, maintain, and decommission the Project will therefore be sought under the Planning Act 2008.

We expect to submit our application for development consent in 2024.

The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State for the Department of Energy Security and Net Zero.

The Secretary of State will then make the final decision on our application, which we expect to receive before the end of 2025.



## Forward look

- We are continuing to develop the Environmental Impact Assessments and design work to refine our proposals following submission of our Preliminary Environmental Information Report (PEIR).
- We will then submit our Development Consent Order (DCO) to the Planning Inspectorate, for consideration by the relevant Secretary of State, in Summer 2024.
- Following acceptance of the application, The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State, who will make the final decision on our application. The examination will be held over a period of up to 6 months.
- If the project is granted development consent, we expect to begin construction in 2026/27 with the aim of being operational by 2028/29.

### Indicative timeline (as of publication 2023)

- **2023**
  - October - November 2023
  - Third stage of consultation (statutory)
- **2024**
  - Q2/Q3 2024
  - Applications submitted for DCO and other licences
- **2025**
  - Expected decision on the DCO by the Secretary of State
- **2026**
  - Expected Final Investment Decision
- **2026/27**
  - Start of construction
- **2028/29**
  - Expected start – Commercial Operation Date

Please note that this is an indicative timeline and could be subject to change.



# Questions / discussion

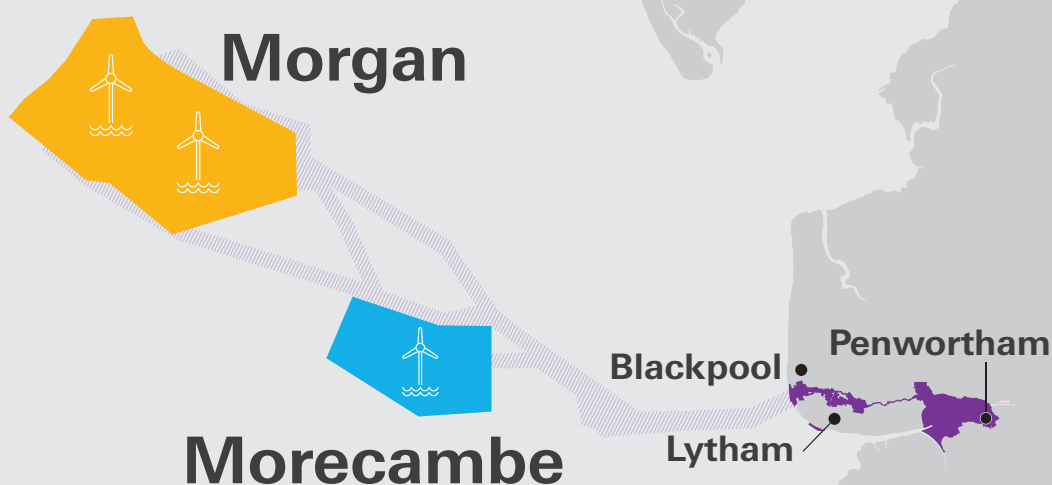


## E1.8.13 In-person consultation events

## E1.8.13.1 Event panels

# Welcome

These displays set out information relating to our statutory consultation on the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project (referred to as “the Project”).



The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are two proposed offshore wind farms being developed in the Irish Sea.

Morgan Offshore Wind Limited, a joint venture between bp and EnBW Energie Baden-Württemberg AG, is developing the Morgan Offshore Wind Project.

Morecambe Offshore Windfarm Limited, a joint venture between Cobra and Flotation Energy Limited, is developing the Morecambe Offshore Windfarm.

The two offshore wind farms are collaborating to connect to the national grid via the Project.

The offshore wind farms are expected to make a key contribution to the UK’s target of generating 50GW of power from offshore wind by 2030.

Combined they have the potential to generate almost 2GW of electricity – enough to power the equivalent of around two million homes.

**We want to hear your views. Please provide feedback and have your say by 23:59pm on 23 November 2023.**

Contributing to the UK’s offshore wind power generation target

## 50GW

by 2030

Morgan & Morecambe have the potential to generate almost

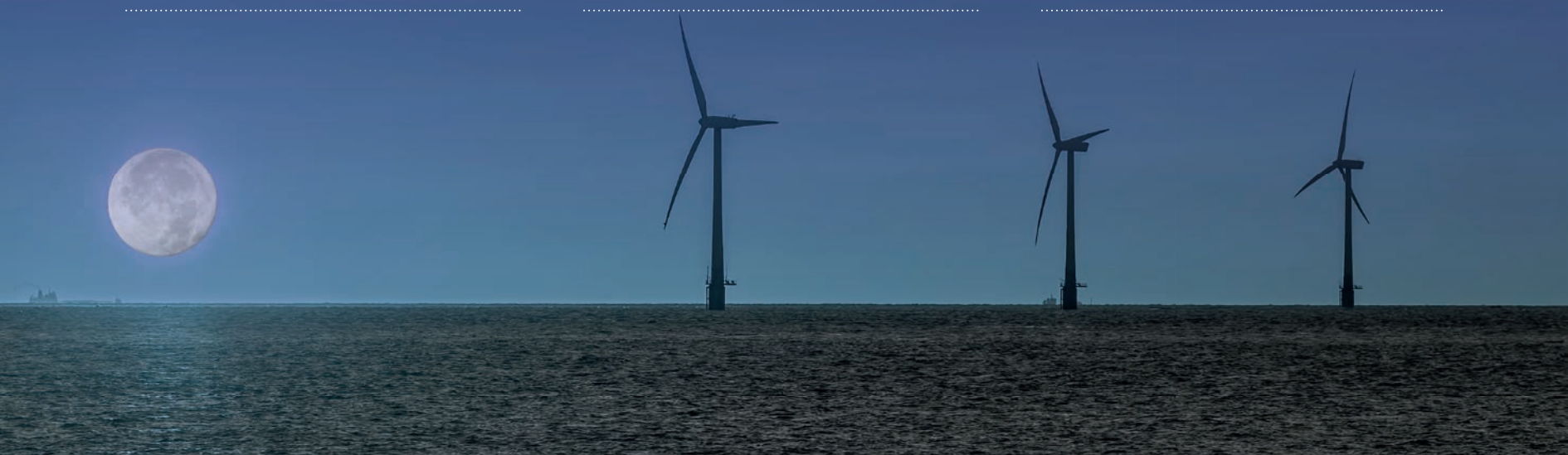
## 2GW

of energy

Enough to power the equivalent of around

## 2 million

homes



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# Our consultation

Our statutory consultation will be open from **Thursday 12 October to Thursday 23 November 2023**. We want to hear your views on the Project.

We are asking for feedback on our Preliminary Environmental Information Report (or 'PEIR'), which includes detailed information about the Project.

The PEIR sets out potential environmental, social and economic impacts, including the benefits of the Project, as well as any initial measures proposed to mitigate the identified impacts.

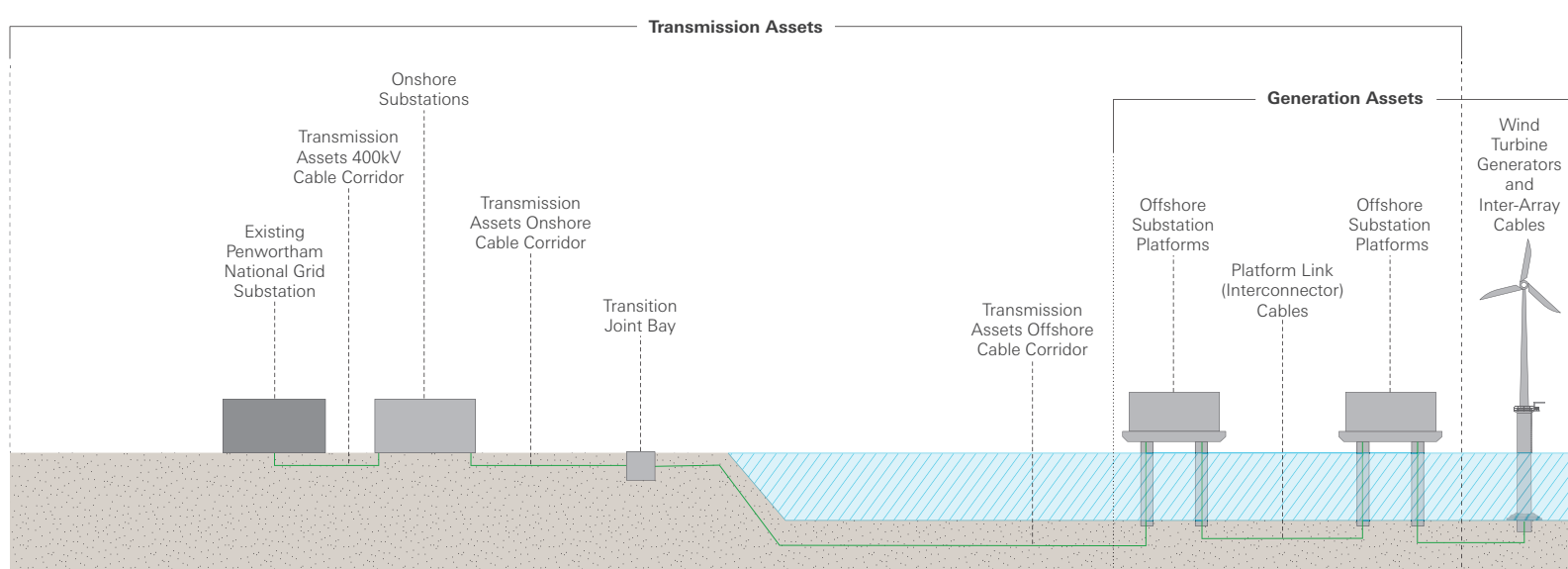
Your feedback does not need to be limited to the areas covered on these displays. We would like to hear any feedback you may have related to the Project.

More information is available on our website: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission).

## Generation and Transmission Assets explained

**'Generation Assets'** refers to the parts of the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm that generate the electricity. This includes the proposed offshore wind turbines and associated infrastructure, such as the cabling that connects the turbines to the offshore export cables.

**'Transmission Assets'** refers to the elements that are responsible for connecting the 'Generation Assets' to the national grid, such as the offshore and onshore export cables, Offshore Substation Platforms ("OSPs"), onshore substations, and associated infrastructure. These elements are the subject of this statutory consultation.



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).



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# The DCO process

In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under section 35 of the Planning Act 2008 that the Project should be treated as a development for which development consent is required.

Consent to construct, operate, maintain, and decommission the Project will therefore be sought under the Planning Act 2008.

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm (Generation Assets) are each considered to be Nationally Significant Infrastructure Projects (“NSIPs”) and will be the subject of separate applications for development consent.

The application for development consent will be submitted to the Planning Inspectorate and Secretary of State for Energy Security and Net Zero.

If the application is accepted, a pre-examination stage will begin, with opportunities for local community members to register as interested parties on the Planning Inspectorate’s website and request to take part in the examination process.

The Planning Inspectorate will then examine the DCO application, with input from interested parties and statutory consultees.

Following the examination, the Planning Inspectorate will present its recommendation to the Secretary of State for Energy Security and Net Zero, who will then make the final decision on whether the DCO should be granted.

## How the DCO application process works:

- 1 Consultation**  
The Project notifies and consults the public, statutory consultees and those with an interest in the affected land (in accordance with sections 42, 47 and 48 of the 2008 Act) on its proposed application, following earlier non-statutory consultation.
- 2 Submission**  
The Project will review the feedback received during the consultation and finalise the proposals. All the feedback we receive will be summarised in our Consultation Report. This report will form part of our DCO application, which will then be submitted to the Secretary of State, who will appoint the Examining Authority for the application.
- 3 Acceptance**  
After the application is submitted, the Planning Inspectorate will decide whether it is suitable for examination.
- 4 Pre-examination**  
If accepted for examination, there will be an opportunity for people to register their interest in the application with the Planning Inspectorate. Anyone registering an interest will be kept informed of the progress of the application, including when and how they can provide comments. Following a preliminary meeting the Examining Authority will confirm the timetable for the examination.
- 5 Examination**  
The examination is expected to last six months. Those who have registered their interest will be able to send their comments to the Examining Authority and request to speak at hearings.
- 6 Decision**  
Following the examination, the Examining Authority will make a recommendation on the application to the Secretary of State for Energy Security and Net Zero. Ultimately, the decision as to whether or not to grant a DCO lies with the Secretary of State.



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# Why we need offshore wind

The Morgan and Morecambe offshore wind farms are expected to play a role in the energy transition by delivering a significant volume of offshore wind. This can support the UK Government's Net Zero by 2050 target and commitment to deliver up to 50GW of offshore wind by 2030.

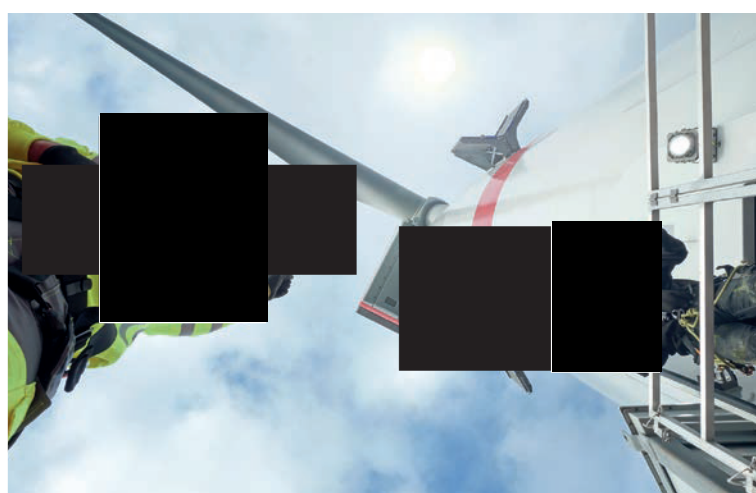
The UK is a world leader in offshore wind and the surrounding seas are ideal for harnessing wind power. We are aiming for our projects to be operational by 2028/29 at the earliest, helping to decarbonise the UK.

The projects will also play a key role in the energy transition by:

- Generating low carbon electricity from offshore wind farms in support of the decarbonisation of the UK electricity supply
- Optimising generation capacity within the constraints of available sites and grid infrastructure
- Contributing to achieving the aims of the UK's Energy Security Strategy.

The projects also aim to:

- Co-exist and collaborate with the other offshore activities, developers and operators to enable the balance of different users
- Contribute to the local, regional and national economy by providing substantial investment, as well as employment and new infrastructure during all phases of the projects
- Align with the key drivers in current and planned updates to national policy.



The UK currently generates around 13GW of its power from offshore wind, meaning it plays an increasingly important role in our energy mix. But we need to go a lot further. For the UK to achieve its climate goals, we need to quadruple our offshore wind generation, to reach the UK's target of deploying 50GW of offshore wind by 2030.



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# Our offshore proposals

Offshore infrastructure for the Project includes, but is not limited to, offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.

## Offshore substation platforms and booster station

The Project may require up to six offshore substation platforms (OSPs).

This includes up to four for the Morgan Offshore Wind Project and up to two for the Morecambe Offshore Windfarm.

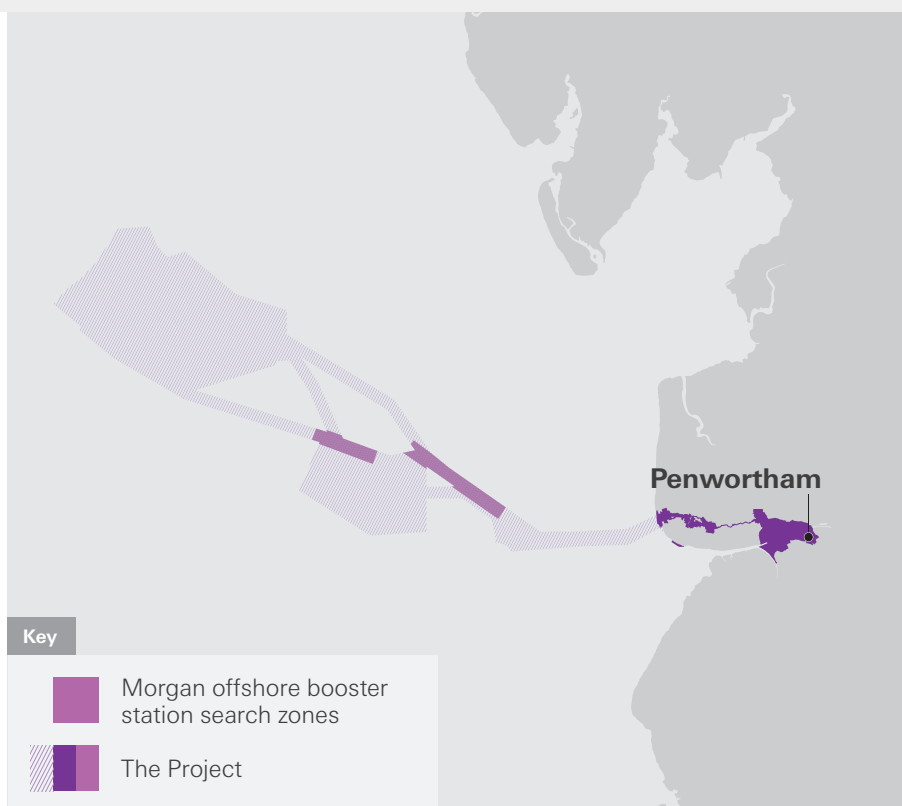
The OSPs will transform electricity generated by the Generation Assets to a higher voltage, allowing the power to be efficiently transmitted to shore. They are likely to have one or more decks, a helicopter platform, cranes and communication antenna.

One offshore booster station may also be required for the Morgan Offshore Wind Project.

The exact location of the Morgan offshore booster station is subject to further onshore design refinement.

This will take into account factors such as seabed conditions, but is anticipated to be located within the search areas shown on the map.

No booster stations are proposed as part of the Morecambe Offshore Windfarm.



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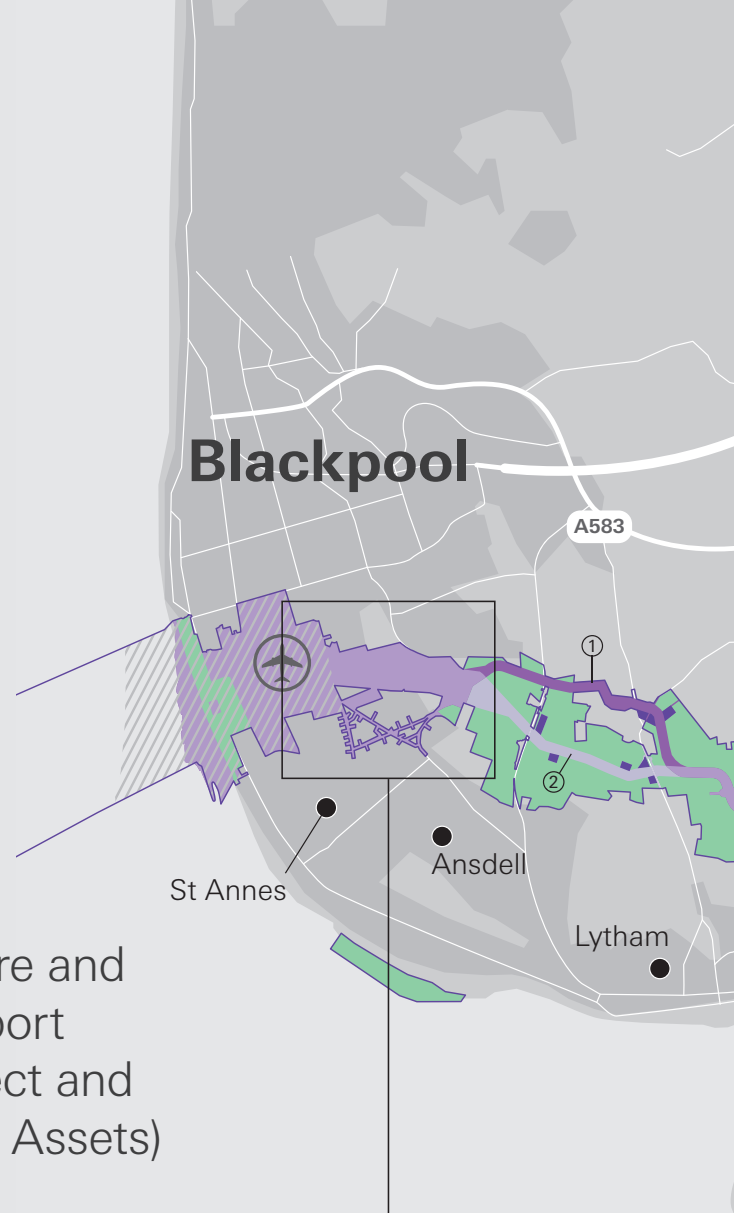


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# Our onshore proposals

The Project includes a range of proposed offshore and onshore infrastructure that will be used to transport electricity from the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm (Generation Assets) to the National Grid substation at Penwortham.



## Key

Transmission Assets	Freckleton Hall Cross onshore export cable search area	400 kV grid connection cable corridor search area
PEIR Red Line Boundary	Onshore substations statutory consultation area	Indicative onshore temporary construction compounds
Indicative onshore export cable corridor	Morgan preferred onshore substation site	Potential biodiversity net gain, enhancement and / or mitigation areas
Indicative onshore export cable corridor option 1 (north)	Morecambe proposed onshore substation site option 1 (north)	Blackpool Airport
Indicative onshore export cable corridor option 2 (south)	Morecambe proposed onshore substation site option 2 (south)	
Landfall and intertidal area		

Onshore infrastructure includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation.

## Landfall area

The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling.

The transition joint bays would house the area where the offshore cables are jointed to the onshore cables.

The landfall area for the Project is proposed to be located between Blackpool and Lytham St Annes.

## Indicative onshore export cable corridor route

The onshore export cables will provide a cable connection between the landfall area and the proposed onshore substations.

In the Lytham Moss and Higher Ballam area, there are two route options at present:

- Option 1 (north), which passes to the north of Higher Ballam and avoids a farmland conservation area; or
- Option 2 (south), which passes to the south of Higher Ballam.

Option 2 (south) is the route we presented at our previous non-statutory consultation.

Option 1 (north) is an alternate onshore export cable corridor route option proposed to mitigate potential environmental impacts.



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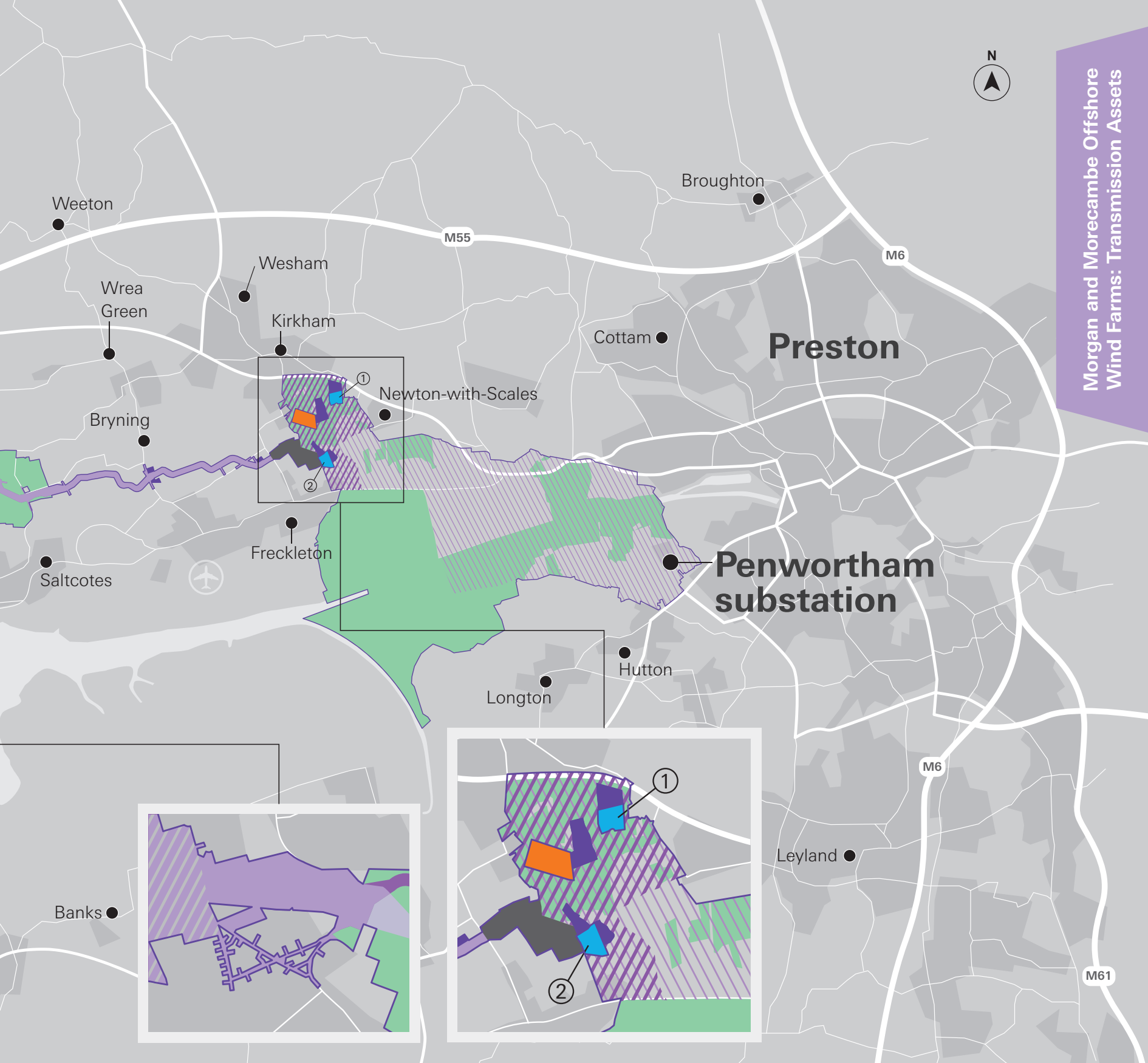
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### 400 kV grid connection cable corridor search area

The connection between the proposed onshore substations and the existing National Grid Penwortham substation will be achieved by the 400 kilovolt (kV) grid connection cables.

The route of the grid connection cables will cross existing infrastructure such as roads, railways and rivers. Where possible, all major crossings, such as major roads, rail crossings and the River Ribble will be undertaken using Horizontal Directional Drilling (“HDD”) or other trenchless technologies.

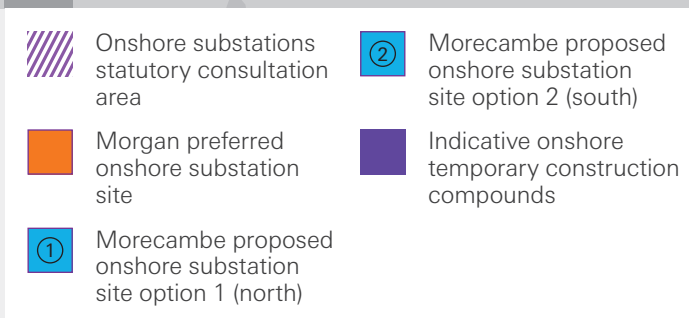
### Temporary construction compounds

Temporary construction compounds will be required to support construction works in a particular location.

These may include central offices, welfare facilities, secure storage for equipment and component deliveries, as well as storage of materials and plant.

# Onshore substations

To connect to the national grid, we will need to construct two new onshore substations, one for the Morgan Offshore Wind Project and one for the Morecambe Offshore Windfarm.



## Onshore substations statutory consultation area

The onshore substations statutory consultation area is the area identified during the site selection process within which the proposed onshore substations (and associated temporary and permanent infrastructure) for the Project may be located.

We are asking for your feedback on this area, alongside your feedback on the proposed onshore substation site for the Morgan Offshore Wind Project and the two onshore substation site options for the Morecambe Offshore Windfarm.

## Morgan preferred onshore substation site

The Morgan preferred onshore substation site is located between Kirkham and Freckleton, to the south of the A583 Kirkham Bypass and east of Hall Cross. Lower Lane lies to the north west of the site. Dow Brook lies to the east of the site. A temporary construction compound will be required, which is proposed to be located to the east.

## Morecambe onshore substation site option 1 (north)

Morecambe onshore substation site option 1 is located to the north east of the Morgan substation site, to the south of the A583 Kirkham Bypass and west of Parrox Lane and Newton with Scales. Dow Brook lies to the west of the site. A temporary construction compound will be required, which is proposed to be located to the north of the proposed substation site.

## Morecambe onshore substation site option 2 (south)

Morecambe onshore substation site option 2 is located to the south of the Morgan substation site, east of Lower Lane and to the north of Freckleton. Temporary construction compounds will be required, which are proposed to be located to the north and east of the substation site. A footpath also runs to the east of the site and temporary construction compound, with Dow Brook beyond.

### Why do we need substations?

The onshore substations will contain the electrical components for transforming the power supplied from the offshore wind farms to 400 kilovolt (kV) as required to meet the UK Grid Code for supply to the National Grid. The onshore substations will also house equipment and infrastructure for operating, maintaining and monitoring the onshore substations.

### Site selection and refinement

Our site selection and refinement processes have incorporated environmental, landowner and engineering constraints such as proximity to residential areas, baseline data, environmentally designated sites, flood risk and ground conditions.

The process of site selection and refinement remains ongoing, and following this consultation, the final proposed siting for the onshore infrastructure will be presented with the final application.

Further information about the site selection and process can be found in the PEIR (Volume 1, Chapter 4: Site Selection and Consideration of Alternatives).



Visit: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code



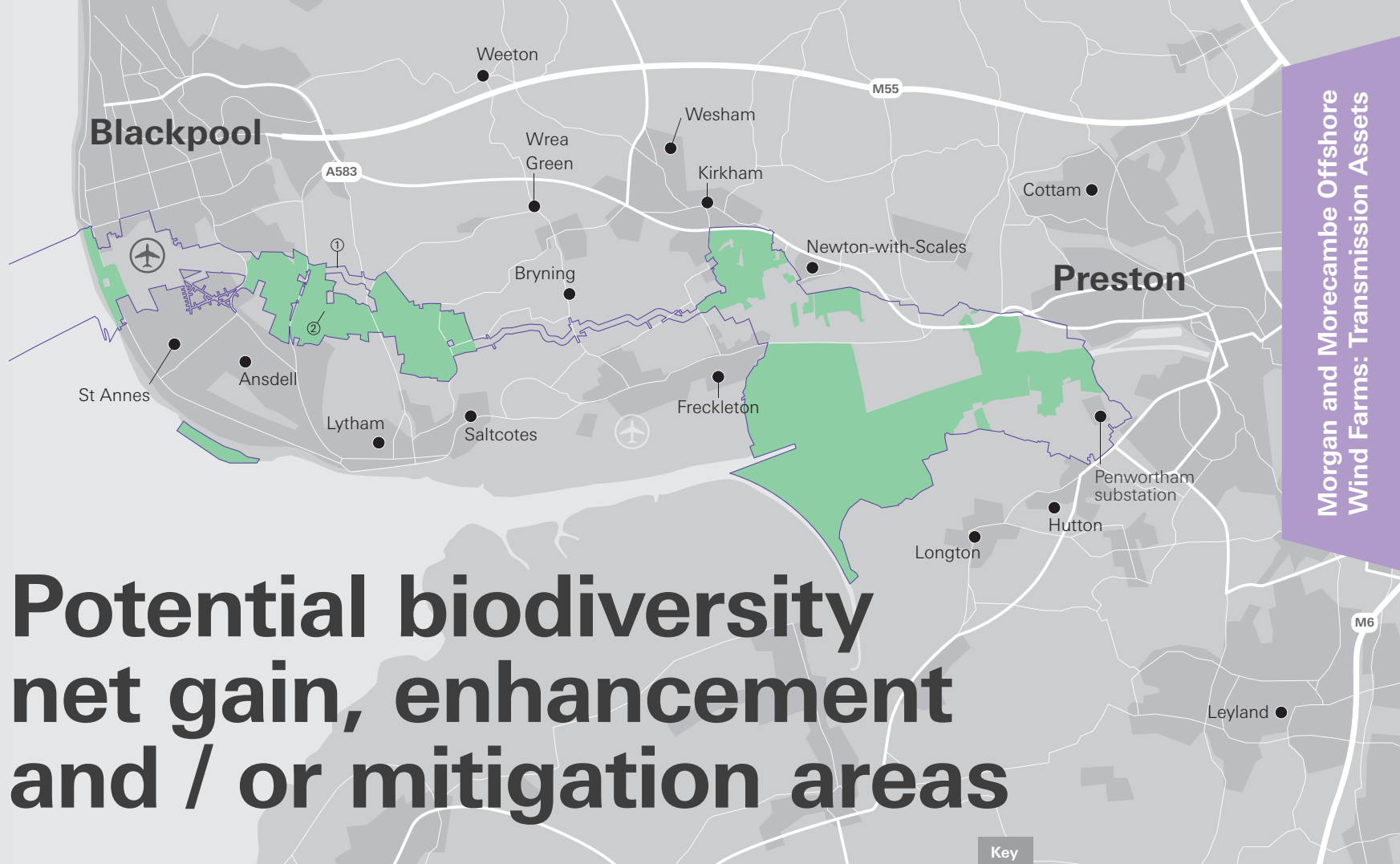
Email: [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Write to us at: **FREEPOST MORECAMBE AND MORGAN**



Call: **0800 915 2493 (option 3)**



# Potential biodiversity net gain, enhancement and / or mitigation areas

The Project aims to mitigate potential environmental effects on habitats by improving biodiversity, and delivering a net gain. We have identified potentially suitable areas for mitigation, enhancement and / or net gain, and these are illustrated on the map above.

**Key**

- Transmission Assets PEIR Red Line Boundary
- Potential biodiversity net gain, enhancement and / or mitigation areas

We want to work with landowners and statutory bodies to deliver these potential opportunities which are being explored. We are keen to hear more from, and to collaborate with existing biodiversity schemes in the area to identify where the Project can potentially make a positive contribution towards ongoing conservation.

The identification of suitable mitigation and net gain opportunities will be refined as the design evolves and as surveys are completed. These surveys will continue to build a more detailed understanding of the current condition, linkages and opportunities presented within the Transmission Assets PEIR Red Line Boundary.



Visit: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code

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# Feedback & next steps

**Thank you for attending our consultation event.**

Local people, including residents, local elected representatives and other stakeholders, have a really important role to play throughout this consultation.

We need your views and knowledge as we work to develop our proposals further in preparation for submitting our DCO application. This statutory round of consultation is open from **Thursday 12 October to 23:59pm on Thursday 23 November 2023.**

## Take part and provide feedback



**Feedback map** – available on our website. This interactive map of the proposals allows people to drop a pin and leave comments online and / or attach files (such as document or images) to their feedback.



**Feedback form** – available on our website, at consultation events, at deposit locations or by request from the team.



**By email** – to **info@morecambeandmorgan.com**



**In writing – FREEPOST MORECAMBE AND MORGAN** (please be advised it is not possible to send registered post to a freepost address)

Once this consultation closes we will consider all feedback we have received alongside carrying out further technical, engineering and environmental work.

We will then prepare our DCO application for submission to the Planning Inspectorate and Secretary of State for the Department of Energy Security and Net Zero. We expect to submit our application for development consent in 2024.

The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State for the Department of Energy Security and Net Zero. The Secretary of State will then make the final decision on our application, which we expect to receive before the end of 2025.

The Morgan Offshore Wind Project Generation Assets and the Morecambe Offshore Windfarm Generation Assets are each considered to be NSIPs in their own right and will be the subject of separate applications for development consent.

If our applications are successful, we expect to begin construction in 2026/2027. We anticipate both the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to be operational by 2028/29 at the earliest.

There will be further opportunities for people to have their say on our proposals post-application via a process led by the Planning Inspectorate. You can find out more about this process and register to receive direct updates by visiting **infrastructure.planninginspectorate.gov.uk/application-process/**

## Indicative timeline

(as of publication 2023)

- **2023**
  - **Spring 2023**  
Second stage of consultation (non-statutory)
  - **October - November 2023**  
Third stage of consultation (statutory)
- **2024**
  - **Q2/Q3 2024**  
Applications submitted for Development Consent Order (DCO) and other licences.
- **2025**
  - Expected decision on the DCO by the Secretary of State
- **2026**
  - Expected Final Investment Decision
- **2026/27**
  - Start of construction
- **2028/29**
  - Expected start – Commercial Operation Date



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



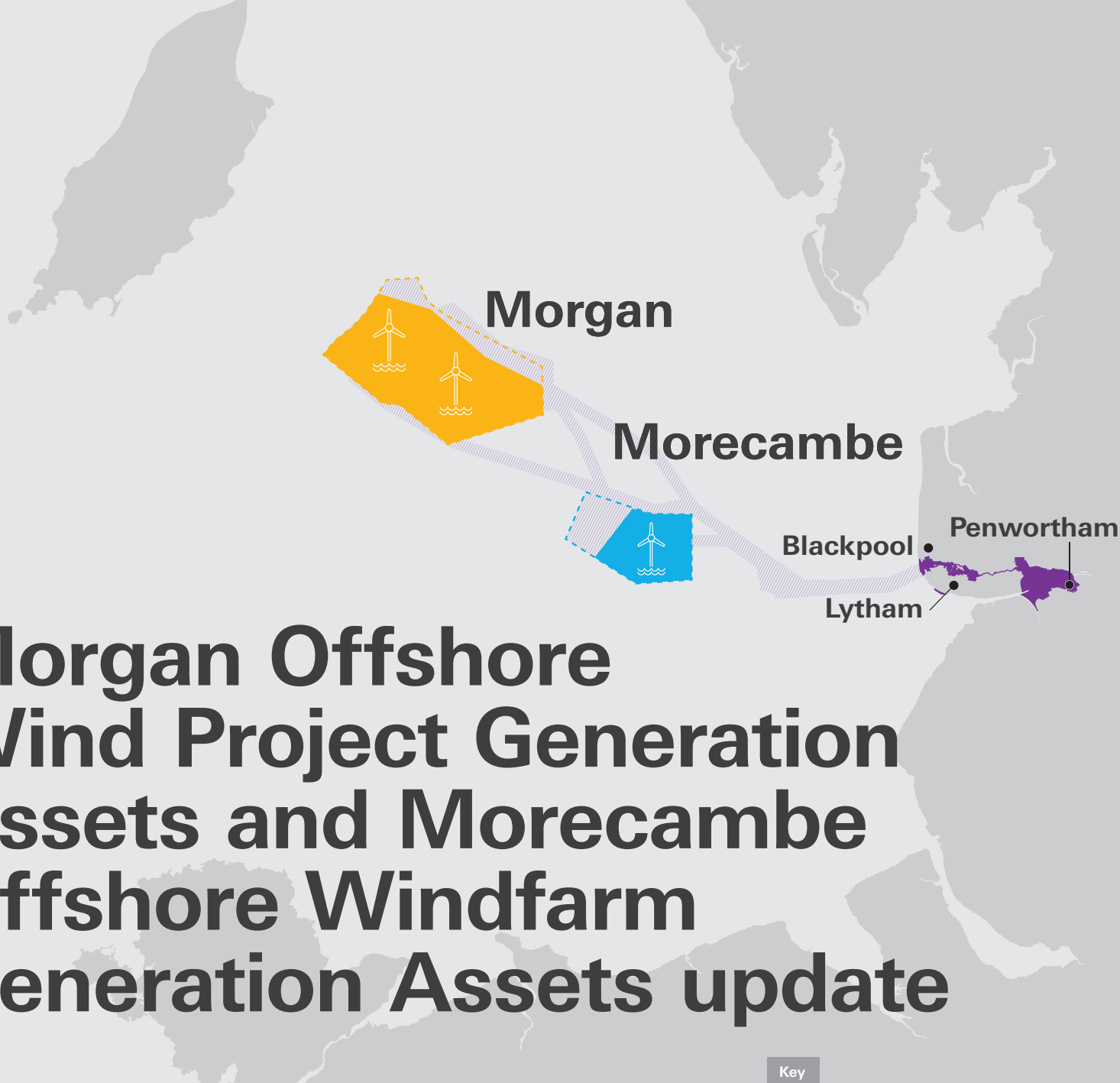
Email: **info@morecambeandmorgan.com**



Write to us at: **FREEPOST MORECAMBE AND MORGAN**





Call: **0800 915 2493 (option 3)**



# Morgan Offshore Wind Project Generation Assets and Morecambe Offshore Windfarm Generation Assets update

As part of ongoing work to develop plans for the Morgan Offshore Wind Project Generation Assets and the Morecambe Offshore Windfarm Generation Assets, both projects announced reductions to the size of their array boundaries in September 2023.

## Key

-  Morgan Offshore Wind Project Generation Assets, Reduced Array Boundary
-  Morgan Offshore Wind Project Generation Assets, PEIR Boundary
-  Morecambe Offshore Windfarm Generation Assets, Reduced Array Boundary
-  Morecambe Offshore Windfarm Generation Assets, PEIR Boundary
-  Transmission Assets

Throughout the development of both projects, the project teams have carried out assessments to see how the wind farm sites could possibly impact other marine users and industries. The separate announcements followed analysis of the feedback that was submitted in response to the information published within each project's respective PEIR. To ensure a joined-up approach, both projects have worked collaboratively and believe the changes further mitigate potential effects on other marine users.

As the PEIR for the Project was produced prior to these changes being confirmed, the boundaries you see in the PEIR and our consultation materials show each project's Generation Assets PEIR array boundaries from earlier this year.

The statutory consultation for the Project is the focus of today's event and we are not seeking your feedback on the two Generation Assets projects. Each project's previous array boundaries being shown in the consultation materials will therefore not affect the feedback you provide.

For more information on the reductions to array boundaries visit [morecambeandmorgan.com](http://morecambeandmorgan.com), speak to a member of our team or pick up a copy of the newsletter for each project.



Visit: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or scan the QR code



Email: [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Write to us at: **FREEPOST MORECAMBE AND MORGAN**



Call: **0800 915 2493 (option 3)**

## E1.8.13.2 Images from in-person consultation events

## Exhibitions

### Newton, Salwick and Clifton Village Hall – 26 October 2023

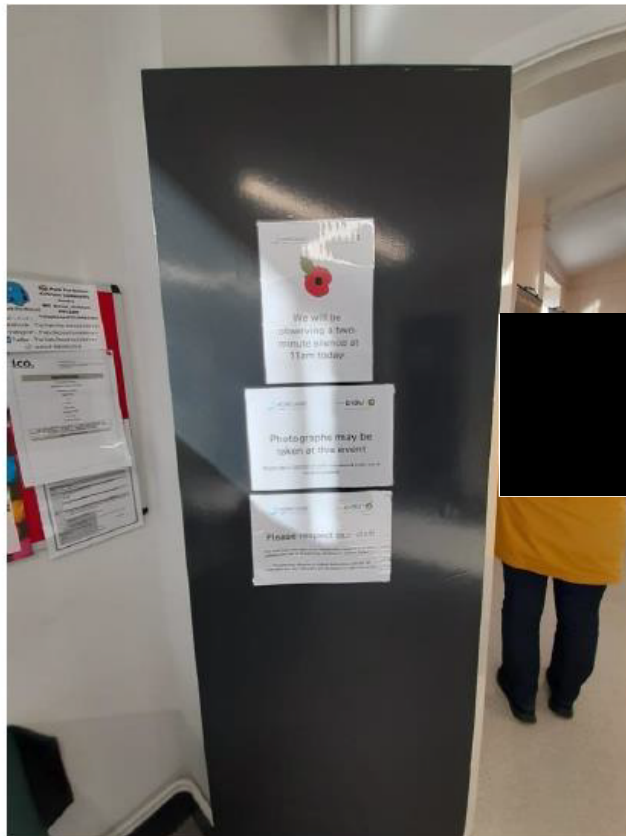


### St Anne's Cricket Club – 3 November 2023





## William Segar Hodgson Pavillion, Kirkham – 11 November 2023



### Fylde Rugby Club – 10 November 2023



### Douglas Town Hall – 16 November 2023

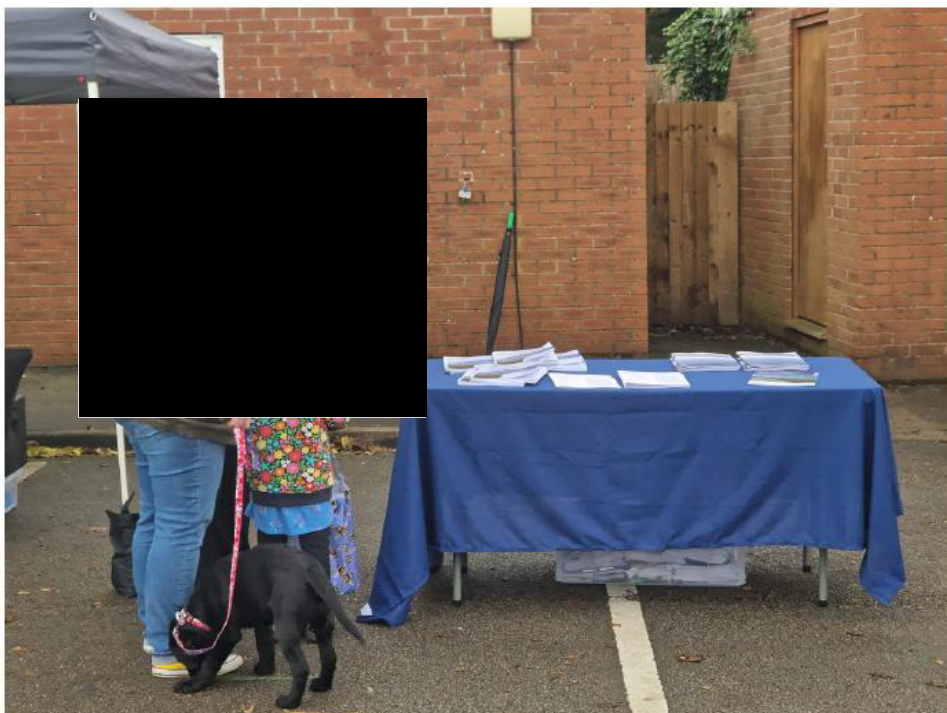


## Pop-up events

### St Anne's Farmers Market – 2 November 2023



### Penwortham Farmers Market – 4 November 2023



## E1.8.14 Webinar presentation 6 November 2023

# Morgan and Morecambe Offshore Wind Farms: Transmission Assets project




Statutory consultation webinar – 6pm – 7pm, 6 November 2023



## Welcome

1. Introductions
2. About us
3. A coordinated approach
4. What are Transmission Assets?
5. Offshore elements of the Project
6. Landfall
7. Onshore elements of the Project
8. Indicative onshore export cable corridor route
9. Onshore substations statutory consultation area
10. 400 kV grid connection cable corridor search area
11. Inclusion of alternate roads option
12. Potential biodiversity net gain, enhancement and / or mitigation areas
13. Site selection and route refinement
14. Onshore substations statutory consultation rationale
15. Construction
16. How we have developed our proposals
17. The Development Consent Order (DCO) process
18. Forward Look
19. Feedback
20. Questions
21. Come and see us

## Introductions

Morgan (bp)	Morecambe (Flotation)
	
<b>Morgan and Morecambe Offshore Wind Farms: Transmission Assets project</b>	
	

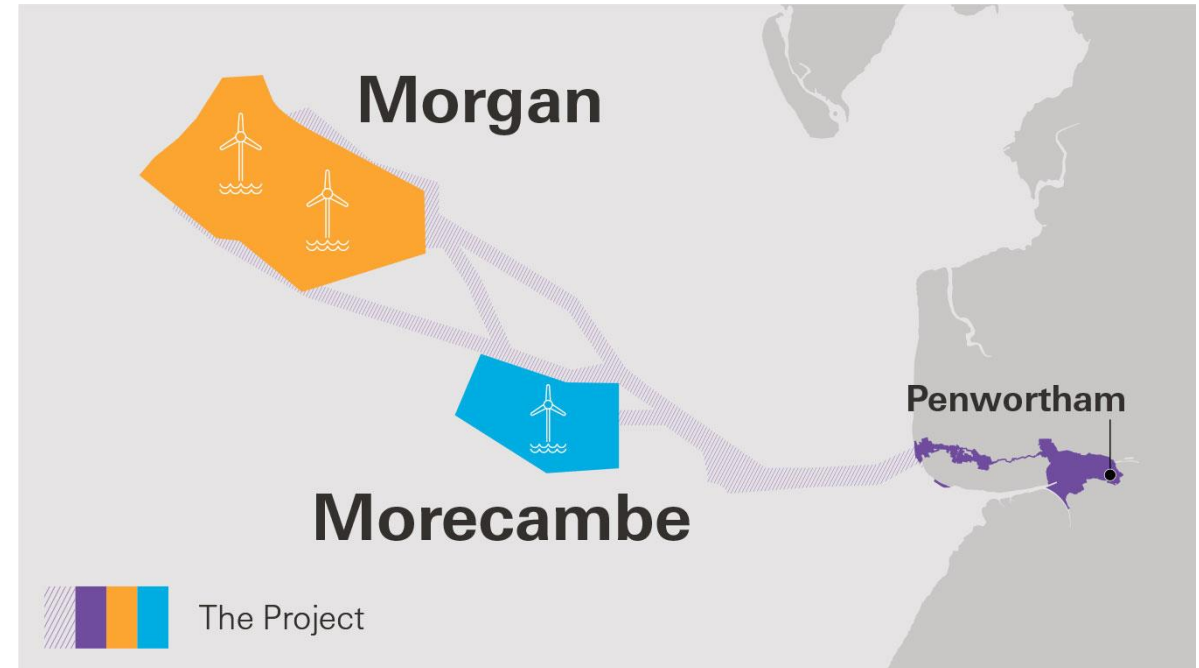
## About us

**Morgan Offshore Wind Project** is a joint venture between bp and EnBW Energie Baden-Württemberg AG.

**Morecambe Offshore Windfarm** is a joint venture between Cobra and Flotation Energy.

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are working together on proposals for the **Morgan and Morecambe Offshore Wind Farms: Transmission Assets project** ('the Project'), to connect both offshore wind farms to the electricity transmission network.

Together, the two wind farms have the potential to generate almost 2GW of electricity– enough to power the equivalent of around two million homes.



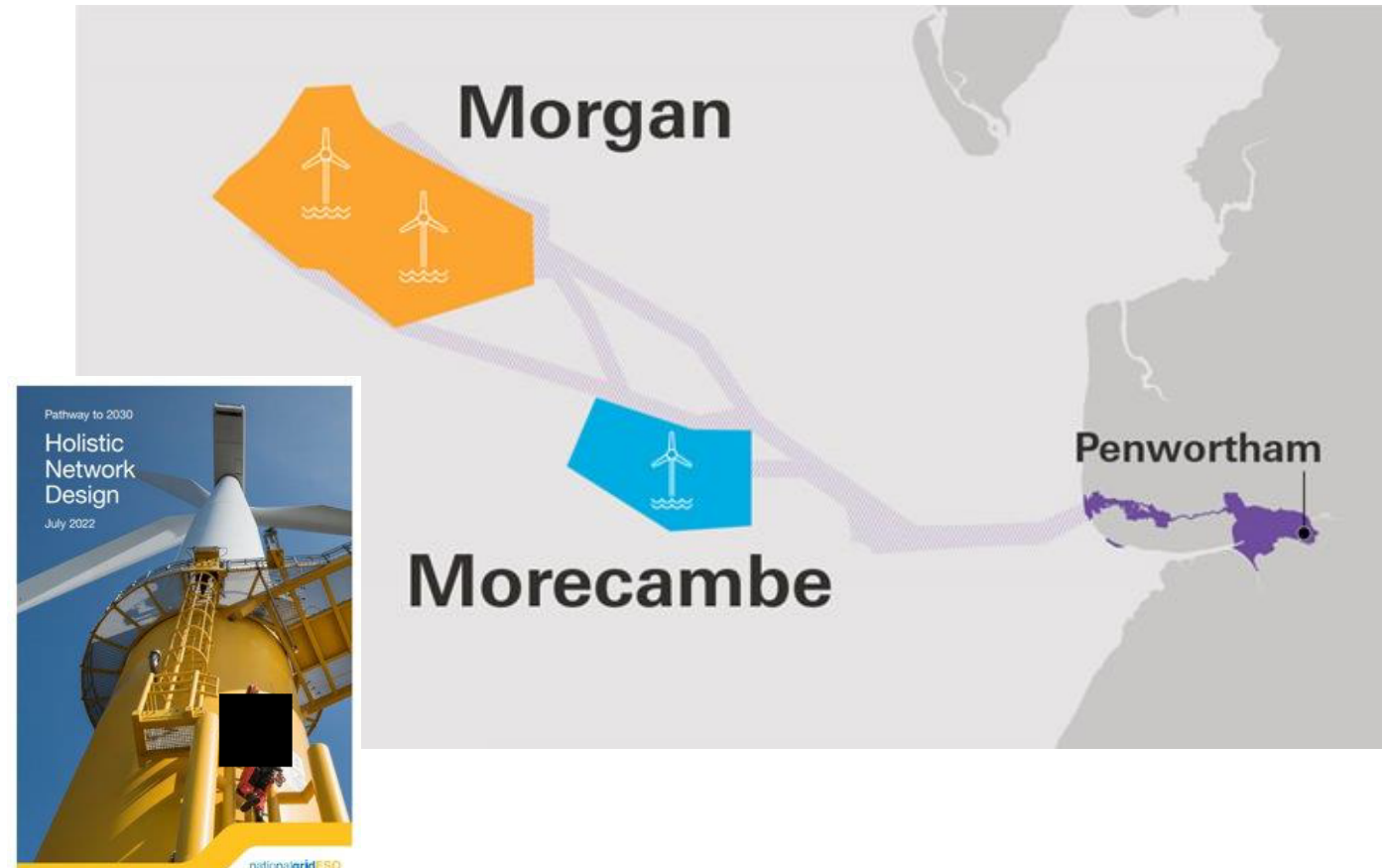


## A coordinated approach

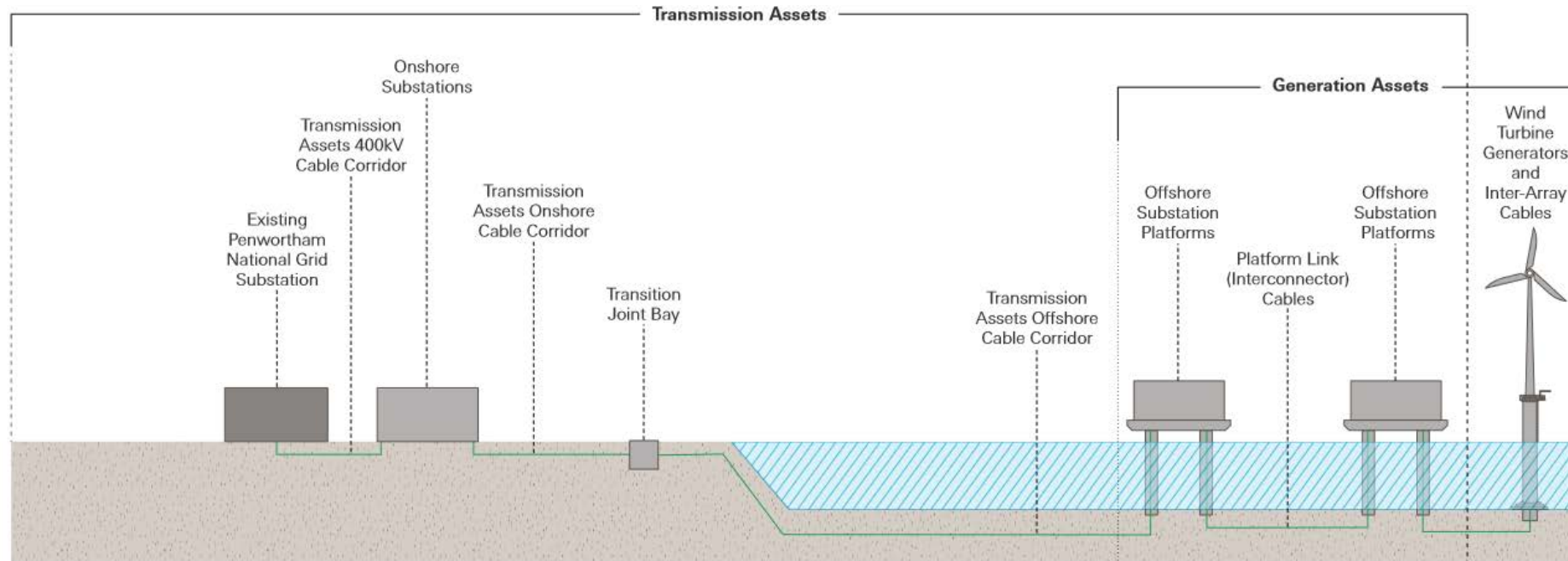
The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm were scoped into the Pathway to 2030 workstream of the UK Government’s Offshore Transmission Network Review (“OTNR”).

As part of the OTNR, National Grid assessed options to improve the coordination of offshore wind farm connections and associated transmission networks. In July 2022, the UK Government published the Pathway to 2030 Holistic Network Design Report which set out the results of the OTNR and its proposed approach to connecting 50GW of offshore wind to the UK national grid.

This concluded that the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm should work collaboratively to connect the wind farms to the national grid at Penwortham in Lancashire. The developers were involved in this process and agree with this conclusion, and as a result are developing the transmission assets associated with each offshore wind farm together.



## What are Transmission Assets?

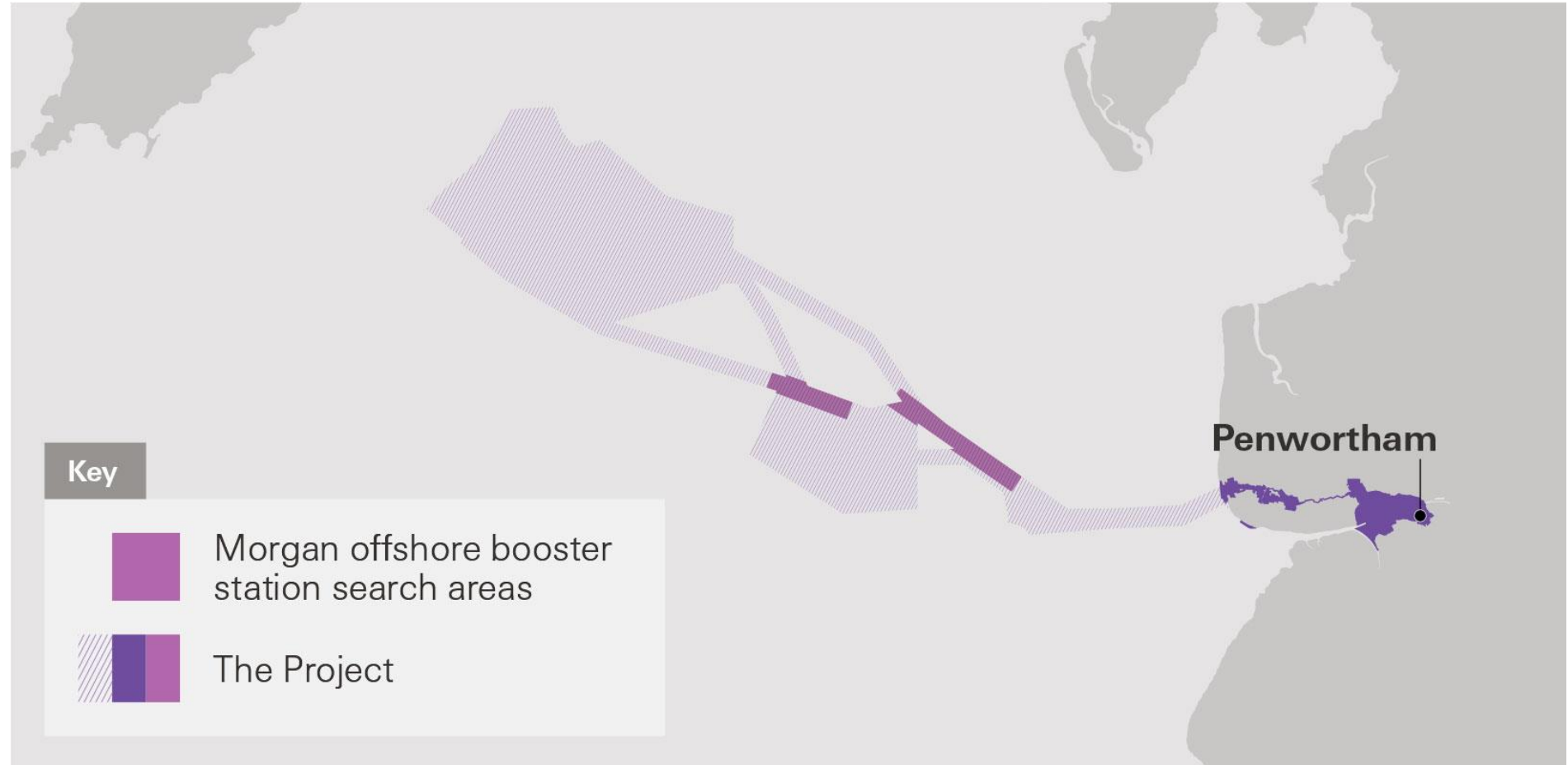


This indicative diagram illustrates which part of the projects are classified as Generation Assets (Morecambe Offshore Windfarm and Morgan Offshore Wind Project) and which parts are classified as Transmission Assets (Morgan and Morecambe Offshore Wind Farms: Transmission Assets).

## Offshore elements of the Project

The Project will comprise offshore infrastructure including:

- Offshore substation platform(s)
- Interconnector cables
- Offshore export cables
- A Morgan offshore booster station.



## Landfall

The landfall area is where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling.

The transition joint bays would house the area where the offshore cables are connected to the onshore cables.

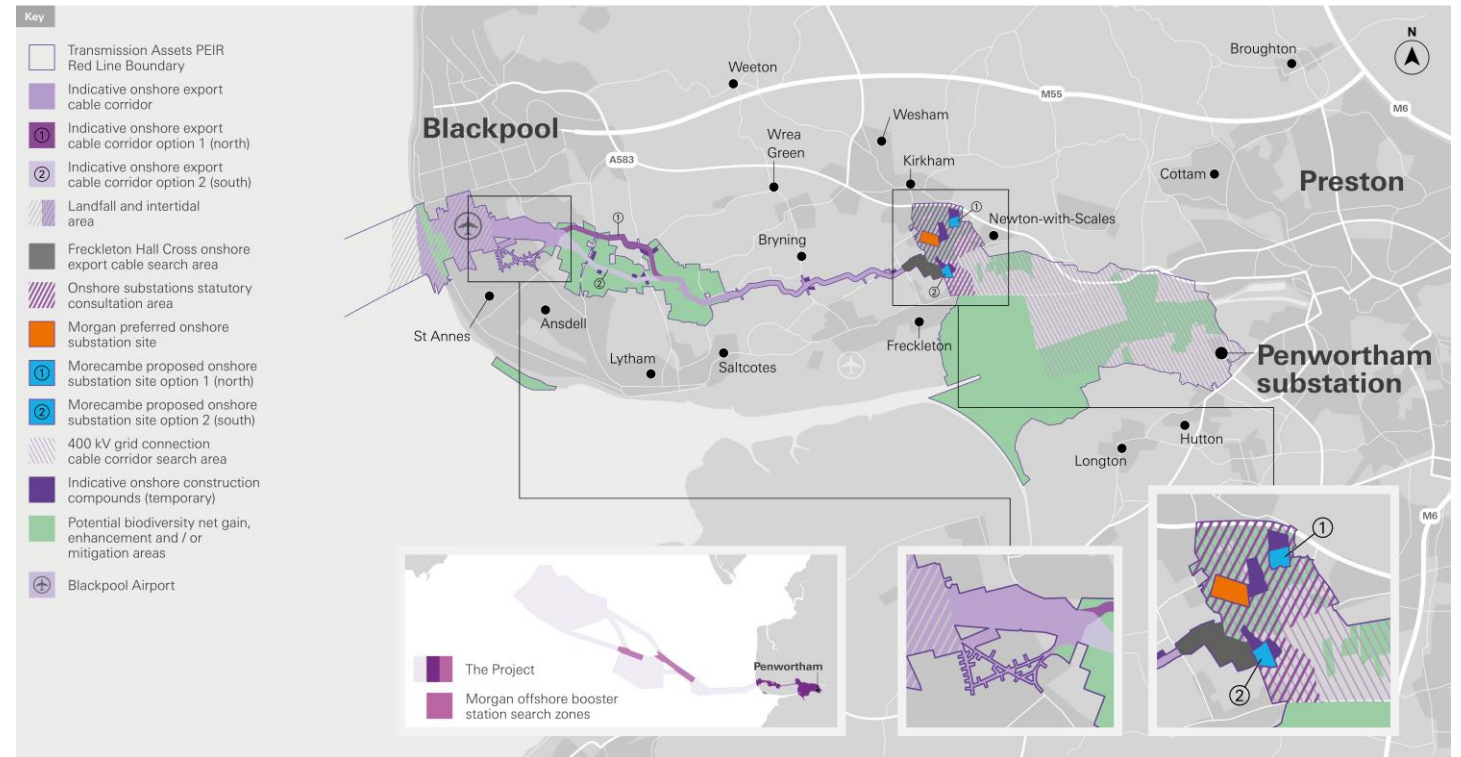
The landfall area for the Project is proposed to be located between Blackpool and Lytham St Annes.



## Onshore elements of the Project

The Project will comprise both permanent and temporary infrastructure including, but not limited to:

- Landfall works (where the offshore cables reach the shore) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and / or mitigation including permanent access for operation and maintenance of those areas.



## Indicative onshore export cable corridor route

The onshore export cables will provide a cable connection between the landfall area and the proposed onshore substations.

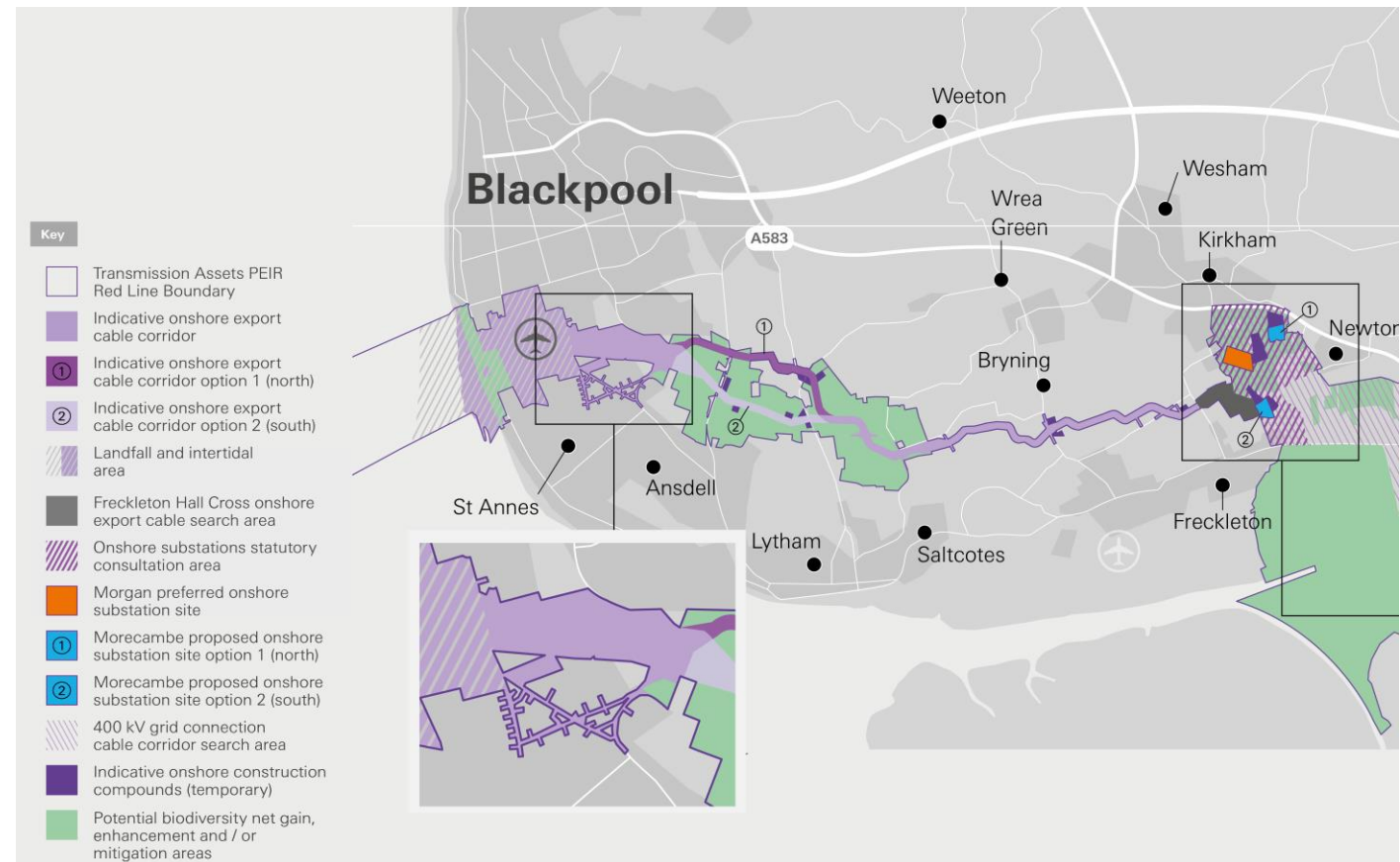
From the landfall, the onshore export cable corridor routes head east away from the coast. Beyond Blackpool Airport and Queensway (B5261), the route corridor narrows and heads south east towards North Houses Lane.

In the Lytham Moss and Higher Ballam area, there are two route options at present:

- **Option 1 (north)**, which passes to the north of Higher Ballam and avoids a farmland conservation area; or
- **Option 2 (south)**, which passes to the south of Higher Ballam.

The two options come together east of Ballam Road before turning south to cross Pegs Lane and passes to the north of Lytham Green Drive Golf Club.

The onshore export cable corridor then continues north east towards Hall Cross, north of Freckleton, and crosses the Freckleton / Hall Cross onshore export cable search area.



## Onshore substations statutory consultation area

To connect to the national grid, we will need to construct two new onshore substations, for the Morgan Offshore Wind Project and for the Morecambe Offshore Windfarm.

The onshore substations statutory consultation area is the area identified during the site selection process within which the proposed onshore substations (and associated temporary and permanent infrastructure) for the Project may be located.

We are seeking feedback both on this area as a whole and on the following areas within it:

- Morgan preferred onshore substation site
- Morecambe onshore substation site option 1 (north)
- Morecambe onshore substation site option 2 (south)

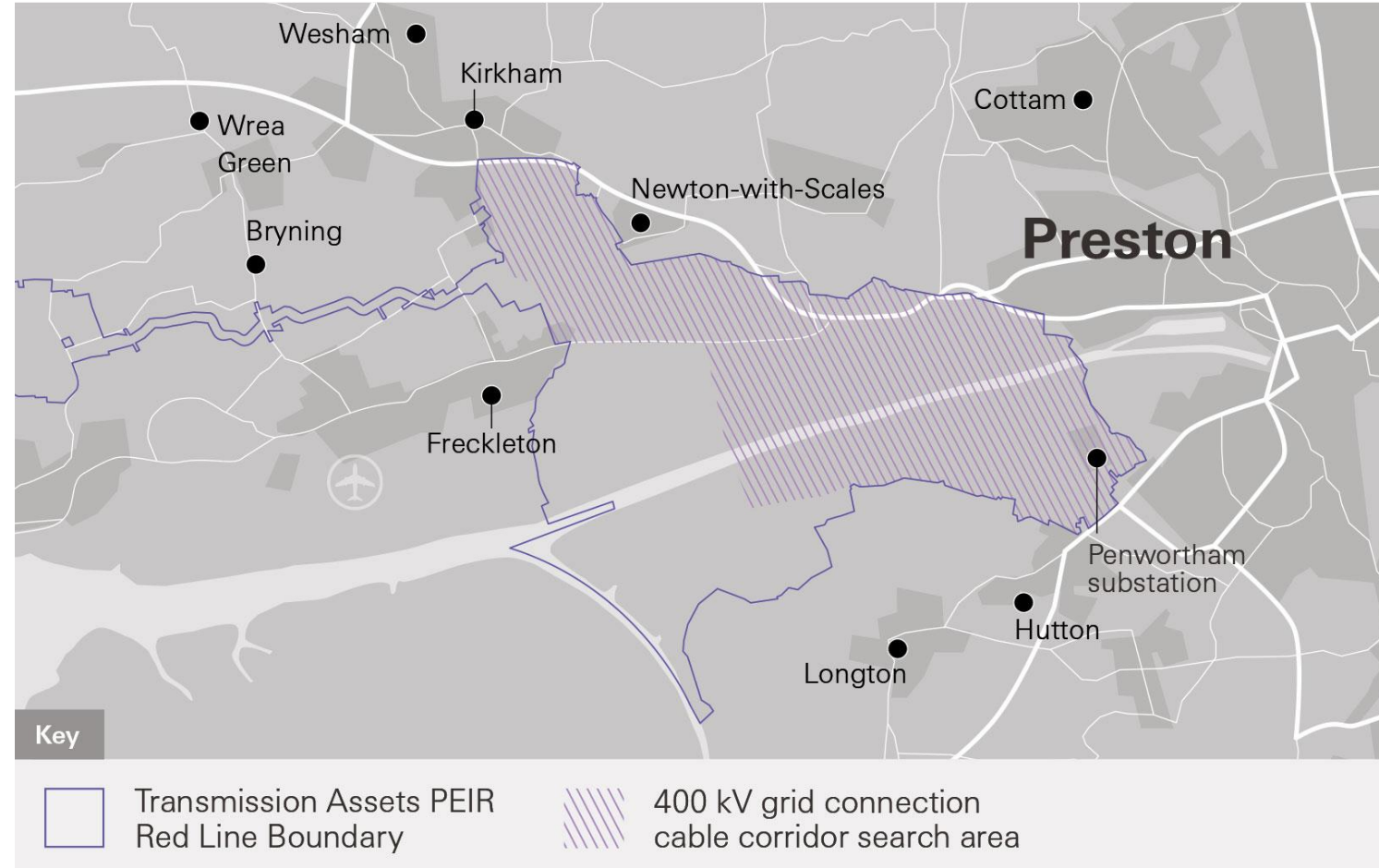


## 400 kV grid connection cable corridor search area

The connection between the proposed onshore substations and the existing National Grid Penwortham substation will be achieved by the 400 kV grid connection cables.

The route of the grid connection cables will cross existing infrastructure such as roads, railways and rivers. Where possible, all major crossings, such as major roads, rail crossings and the River Ribble will be undertaken using HDD or other trenchless technologies.

The 400 kV grid connection cables will be located within the 400 kV grid connection cable corridor search area. Where practical, the grid connection cable corridors / areas will be shared. However, this is dependent on the final location of the two onshore substations and the final point of connection to the grid at the existing Penwortham substation, as well as ongoing route refinement related to the crossing of the River Ribble.





## Inclusion of alternate roads option (adjacent to landfall)

From the landfall, the onshore cable corridor routes head east, away from the coast. Following the 2023 non-statutory consultation an option to install the onshore export cables within some of the roads between Blackpool airport and the Queensway (B5261) has been included within the project, should it be required.

In the event that the cables are installed within highways between the transition joint bays and the B5261, the onshore export cables would be installed in trenches along and underneath Blackpool Road North, Leach Lane, Kilnhouse Lane and the Queensway (B5261).

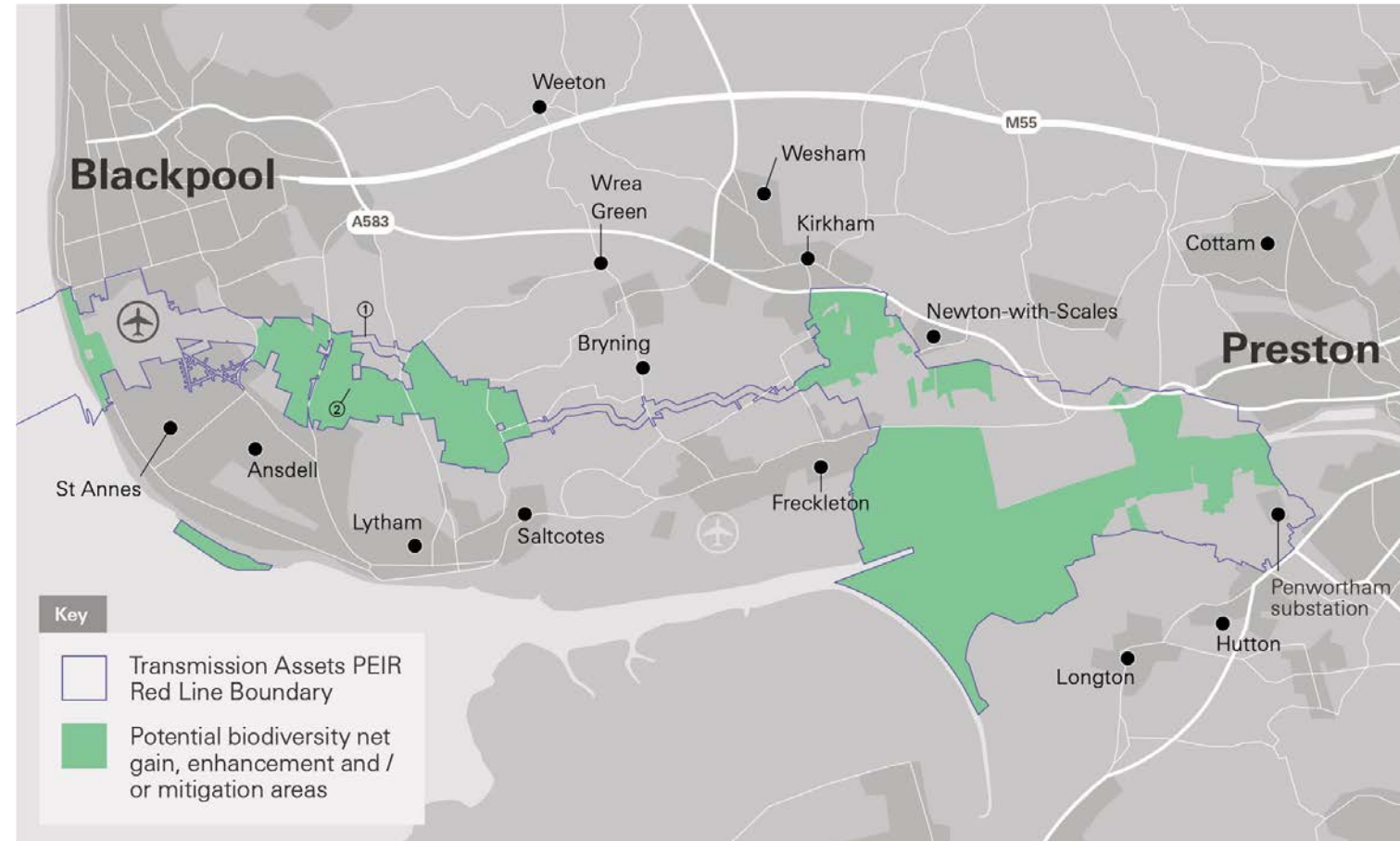
It is anticipated that up to two export cable circuits would be installed per trench, with up to two trenches per carriageway (i.e., one trench per traffic lane). The cables will be installed in ducts, expected to be installed approximately 1m below the road surface.



## Potential biodiversity net gain, enhancement and / or mitigation areas

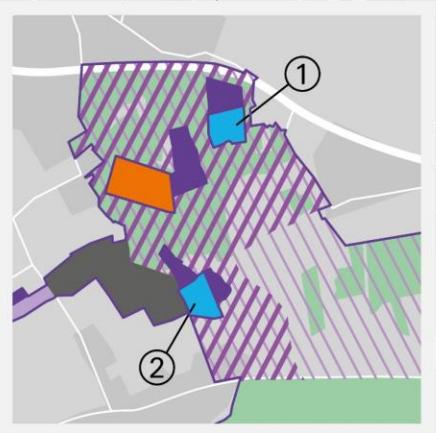
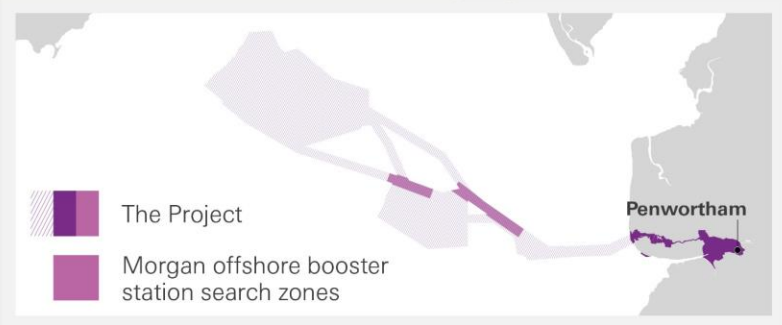
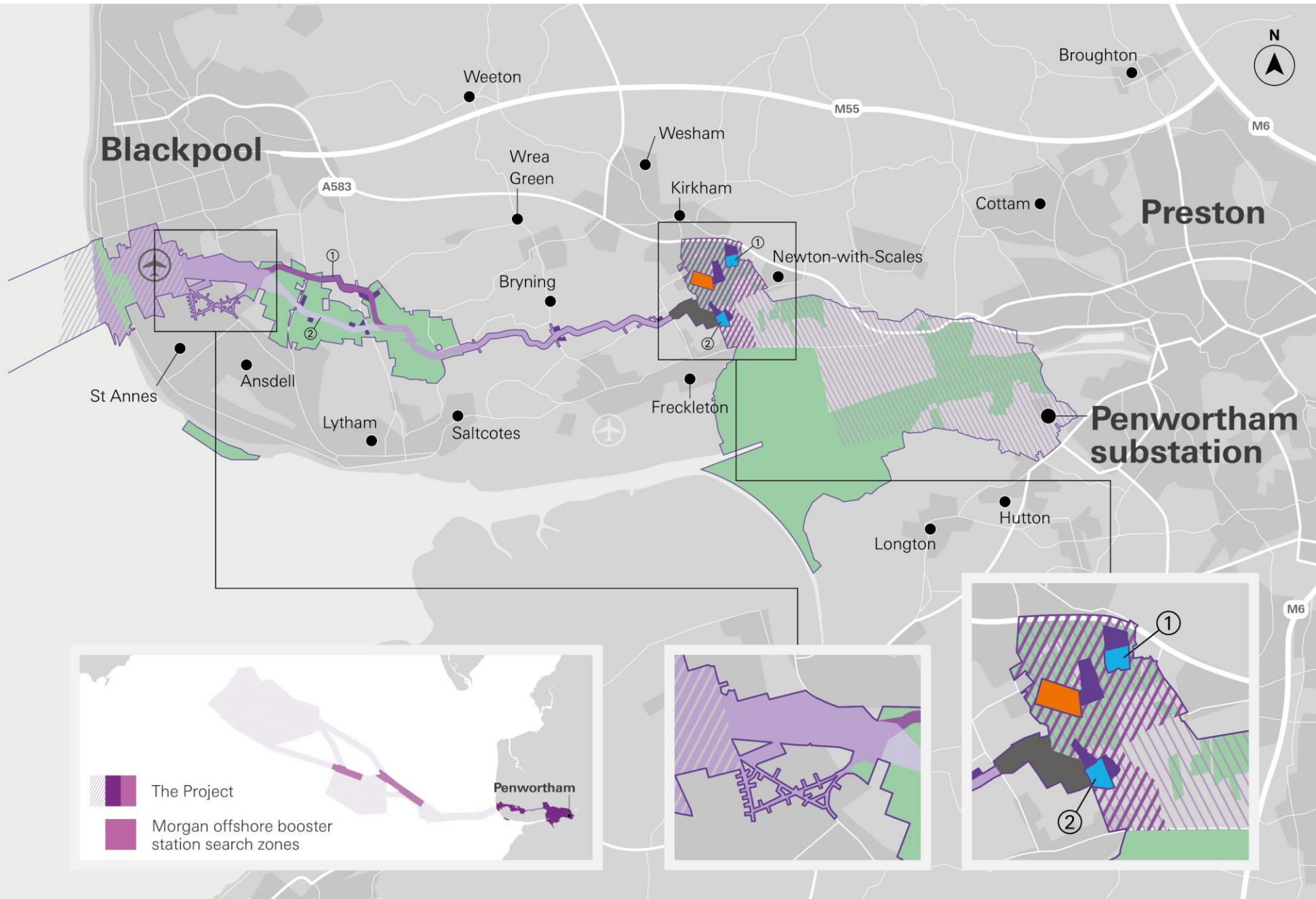
The Project aims to mitigate potential environmental effects on habitats by improving biodiversity, and where possible, delivering a net gain. We have identified potentially suitable areas for mitigation, enhancement and / or net gain, and these are illustrated on the map.

We want to work with landowners and statutory bodies to deliver these potential opportunities which are being explored. We are keen to hear more from, and to collaborate with existing biodiversity schemes in the area to identify where the Project can potentially make a positive contribution towards ongoing conservation.



Key

- Transmission Assets PEIR Red Line Boundary
- Indicative onshore export cable corridor
- Indicative onshore export cable corridor option 1 (north)
- Indicative onshore export cable corridor option 2 (south)
- Landfall and intertidal area
- Freckleton Hall Cross onshore export cable search area
- Onshore substations statutory consultation area
- Morgan preferred onshore substation site
- Morecambe proposed onshore substation site option 1 (north)
- Morecambe proposed onshore substation site option 2 (south)
- 400 kV grid connection cable corridor search area
- Indicative onshore construction compounds (temporary)
- Potential biodiversity net gain, enhancement and / or mitigation areas
- Blackpool Airport

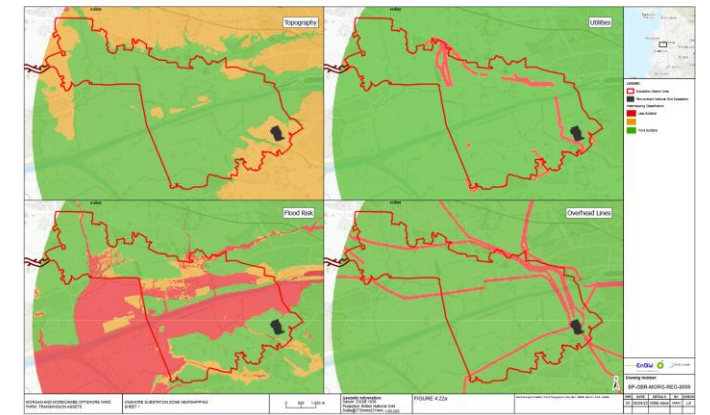
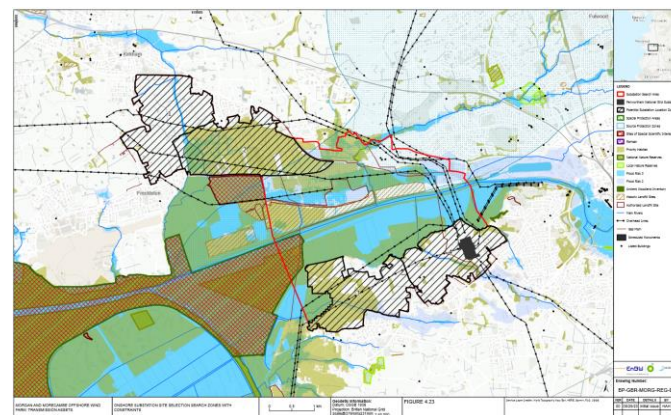
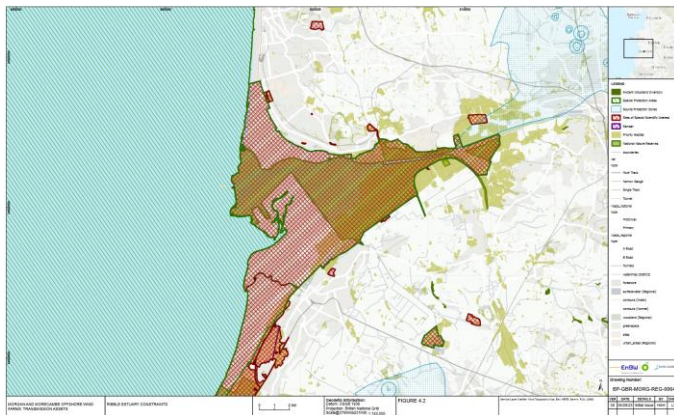


## Site selection and route refinement

Our site selection and refinement processes have incorporated environmental, landowner and engineering constraints such as proximity to residential areas, baseline data, environmentally designated sites, flood risk and ground conditions.

Local and community feedback received through our two non-statutory consultations has also played an important part of our considerations.

The process of site selection and refinement remains ongoing, and following this consultation, the final proposed siting for the onshore infrastructure will be presented with the final application



## Onshore substations statutory consultation rationale

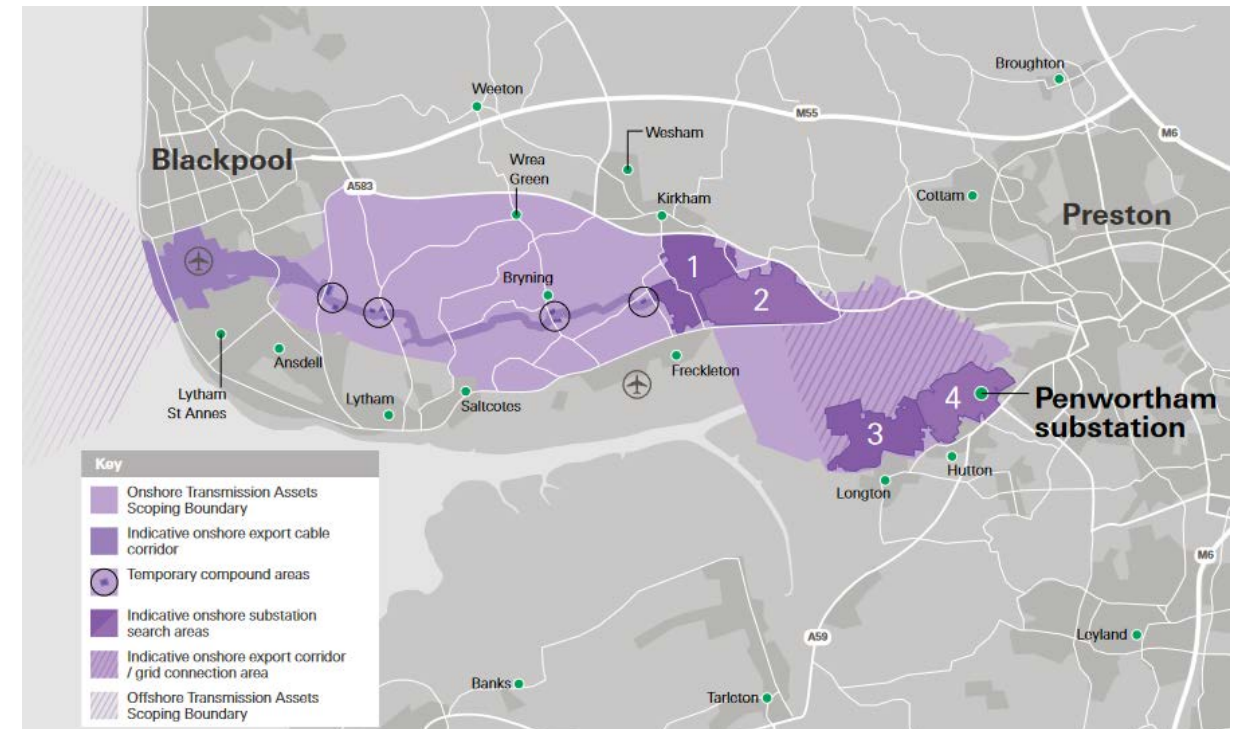
Following confirmation from National Grid that the wind farms would connect to the National Grid substation at Penwortham, work began to identify areas in the vicinity of Penwortham as a part of the route planning and site selection process.

Land within 8km of the substation at Penwortham was assessed for its suitability based on a number of factors, including but not limited to:

- Environmental sensitivities e.g. statutory and non-statutory designated sites, such as priority habitats, flood risk and modelling information, and contaminated land
- Ground conditions, such as topography
- Analysis of baseline environmental survey data, including ornithology (breeding bird and wintering bird) surveys
- Proximity to residential properties and receptors
- Accessibility to the existing road network
- Utility infrastructure (mains and high-pressure gas and water pipelines, and overhead pylons and lines).

As a result, four substation zones - two north and two south of the River Ribble - were presented at our non-statutory consultation, April - June 2023 (see image, right).

**2023 non-statutory consultation (19 April - 4 June 2023) - Substation search areas**



## Onshore substations statutory consultation rationale cont'd

Alongside consideration of feedback from our non-statutory consultation, further analysis was undertaken of the substation zones to refine and establish the most suitable zones for siting the onshore substations.

Zones 3 and 4, south of the River Ribble, are rich in sensitive habitats that support numerous protected species of birds and are constrained by space, topography and access. Zone 2, north of the River Ribble, contains sensitive habitat similar to that found at Newton Marsh and along the Ribble estuary supporting numerous protected bird species.

Zone 2 also contains two gas main pipelines, and is generally at higher risk of flooding. Zone 1 is further from designated sites and contains fewer sensitive habitats, as well as having better access to the main highway network.

As such the area of Zone 1 was selected as the basis for the "onshore substations statutory consultation area".

Within the onshore substations consultation area a number of constraints have been identified. As such the siting of the preferred substations are based on the space required and constraints such as proximity to residential receptors, utilities, watercourses, topography and access.

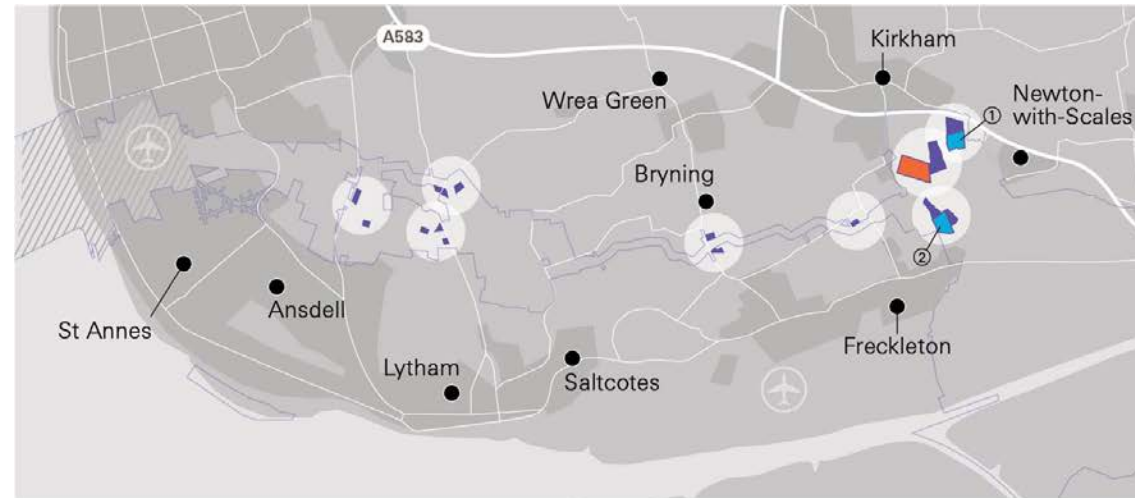
The process of site selection and refinement remains ongoing, and following this statutory consultation, the final siting for the onshore substations (and associated temporary and permanent infrastructure) will be presented in the final application alongside the Environmental Statement.



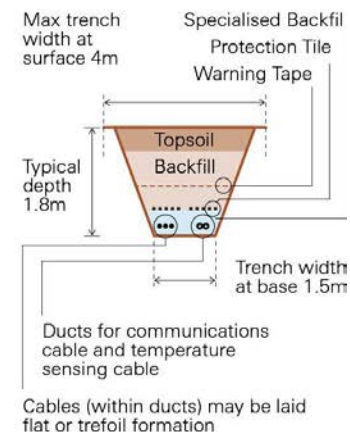
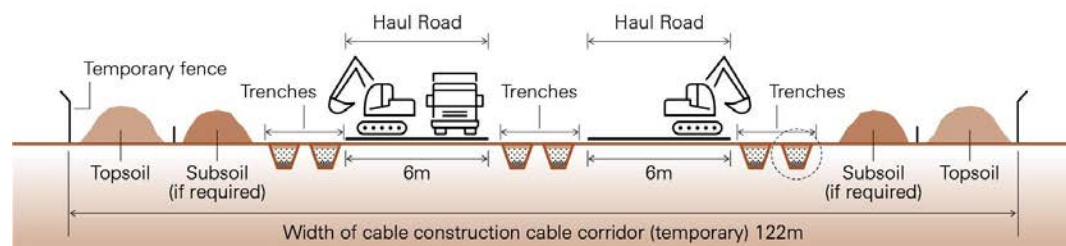
## Construction

Construction of the Project will involve a range of specialist engineering techniques

- Onshore export cables
- Onshore substations
- Landfall area
- Temporary construction compounds



Key	
	Transmission Assets PEIR Red Line Boundary
	Landfall and intertidal area
	Indicative onshore temporary construction compounds
	Morgan preferred onshore substation site
	Morecambe proposed onshore substation site option 1 (north) and option 2 (south)



Indicative temporary cable corridor cross section

## How we have developed our proposals

### Environmental considerations

- October 2022 - Scoping Report - Set out what we understood, at the time, to be the Project's likely effects on the environment and how we would assess them.
- December 2022 - Secretary of State's Scoping Opinion

Since then, we have been carrying out a range of environmental assessments to better understand the potential impacts of the Project.

We have also engaged with statutory bodies to understand in greater detail the area that we're proposing to work in.

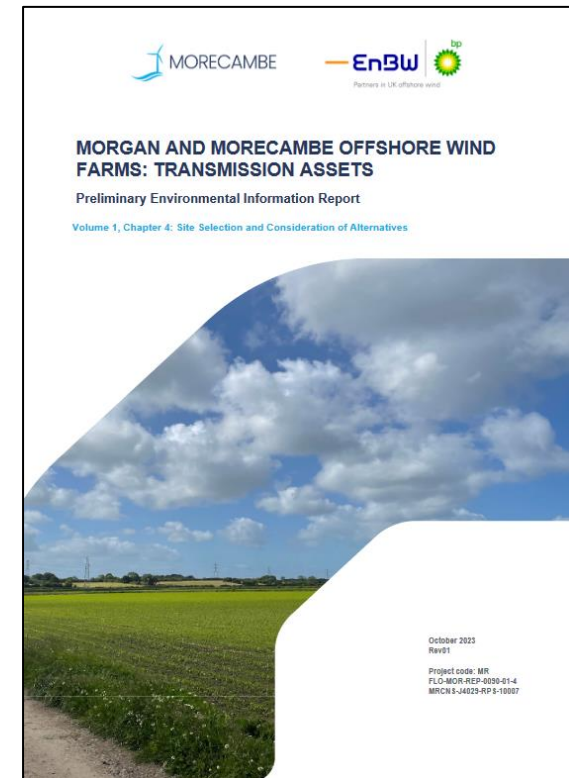
Our environmental assessments are undertaken using a wide range of data sources, including Project specific surveys.

Using the wide range of data gathered, we have produced our PEIR.

### Preliminary Environmental Information Report (PEIR)

- Available to view in full on our website, published ahead of this statutory consultation
- A statutory requirement of the DCO process
- Provides the preliminary findings of our environmental assessments, including the likely environmental effects of the Project and how they could be mitigated.

Feedback from this consultation, and further technical work, will help us to refine our plans and develop our Environmental Statement, which will form an important part of our DCO application.





## The Development Consent Order (DCO) process

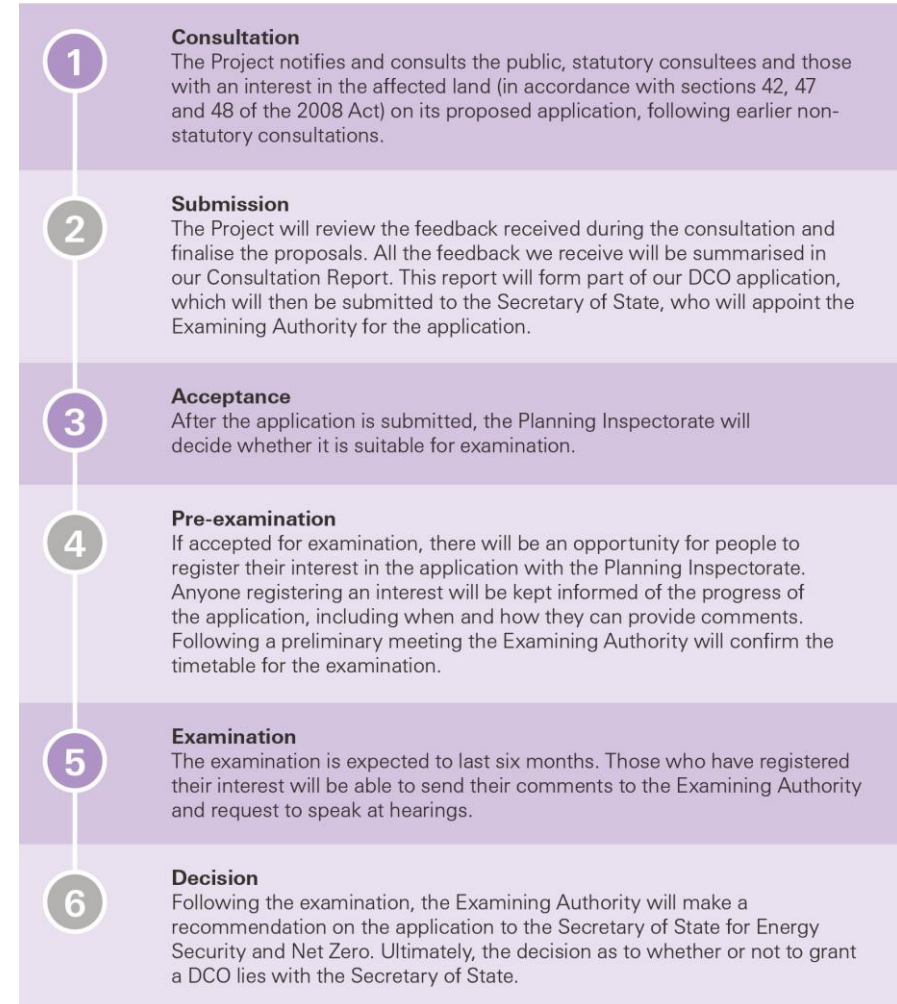
In October 2022, the Secretary of State for Business, Energy and Industrial Strategy issued a direction under section 35 of the Planning Act 2008 that the Project should be treated as a development for which development consent is required.

Consent to construct, operate, maintain, and decommission the Project will therefore be sought under the Planning Act 2008.

We expect to submit our application for development consent in 2024.

The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State for the Department of Energy Security and Net Zero.

The Secretary of State will then make the final decision on our application, which we expect to receive before the end of 2025.



## Forward Look

- We are continuing to develop the Environmental Impact Assessments and design work to refine our proposals following submission of our Preliminary Environmental Information Report (PEIR).
- We will then submit our Development Consent Order (DCO) to the Planning Inspectorate, for consideration by the relevant Secretary of State in Summer 2024.
- Following acceptance of the application, The Planning Inspectorate will examine our proposals and prepare a report for the Secretary of State, who will make the final decision on our application. The examination will be held over a period of up to 6 months.
- If the project is granted development consent, we expect to begin construction in 2026/27 with the aim of being operational by 2028/29.

### Indicative timeline (as of publication 2023)

- **2023**
  - October - November 2023
  - Third stage of consultation (statutory)
- **2024**
  - Q2/Q3 2024
  - Applications submitted for DCO and other licences
- **2025**
  - Expected decision on the DCO by the Secretary of State
- **2026**
  - Expected Final Investment Decision
- **2026/27**
  - Start of construction
- **2028/29**
  - Expected start – Commercial Operation Date

Please note that this is an indicative timeline and could be subject to change.

## Feedback

**Our consultation is open from Thursday 12 October to 23:59pm on Thursday 23 November 2023.**

We welcome your views and knowledge as we work to develop our proposals further.

You can take part and provide feedback in a number of ways:

- **Complete a feedback form** – at <https://morecambeandmorgan.com/transmission/>, at consultation events, deposit locations or by request from the team.
- **Email us:** send your feedback to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- **Write to us:** send us a letter to **Freepost MORECAMBE AND MORGAN**
- **Use our feedback map:** drop a pin and leave comments online and / or attach files (such as document or images) to your feedback at <https://feedback.morecambeandmorgan.com/transmission/map>.

# Questions



## **Come and see us**

You can find out more about the project at one of our in person consultation events.

These events are a great way to learn more, meet the project team and ask any questions you may have.

- **Fri 10 Nov, 3pm - 7pm**

Fylde Rugby Club, Woodlands Memorial Ground, Blackpool Road, Ansdell, Lytham St Annes, Lancashire, FY8 4EL

- **Sat 11 Nov, 10am – 1pm**

William Segar Hodgson Pavilion, Coronation Rd, Kirkham, Preston PR4 2HE

- **Thu 16 Nov, 3pm – 7pm**

Douglas Borough Council, Town Hall, Ridgeway Street, Douglas, Isle of Man IM99 1AD

## E1.8.15 Feedback form

# Morgan and Morecambe Offshore Wind Farms: Transmission Assets

Statutory consultation feedback form – Thursday 12 October to Thursday 23 November 2023

## Project overview

The Morgan Offshore Wind Project and the Morecambe Offshore Windfarm are two new proposed offshore wind farms being developed in the Irish Sea.

The two projects are collaborating to connect the offshore wind farms to the national grid via the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project (referred to as “the Project”).

The Project will comprise both permanent and temporary infrastructure including, but not limited to:

- Offshore infrastructure including offshore export cables, offshore substation platform(s), interconnector cables and a Morgan offshore booster station.
- Landfall works (where the offshore cables reach the shore) between Mean Low Water Springs and the transition joint bays including the offshore and onshore cables, intertidal working area and landfall construction compound(s), and temporary and permanent access.
- Onshore infrastructure from the transition joint bays to the electricity transmission network connection. This includes onshore export cables to the two new substations, temporary construction compounds, temporary and permanent access, and onward connections to the existing National Grid substation at Penwortham, Lancashire.
- Areas for biodiversity net gain, enhancement and / or mitigation, including permanent access for operation and maintenance of those areas.

The two offshore wind farms are expected to make a key contribution to the UK’s target of generating 50 gigawatts (GW) of power from offshore wind by 2030. Combined they have the potential to generate almost 2GW of energy – enough to power the equivalent of around two million homes.

This feedback form is for use in connection with the statutory consultation on proposals for the Project.

Visit [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) to find out more about our proposals. We encourage you to complete this feedback form while referring to several other resources designed to help you understand the Project in more detail. These are available via our website, at consultation events and at a number of reference locations across the Project area.

## The consultation

**Our statutory consultation will be open from 12 October to 23 November 2023.**

Your feedback will help us develop and refine our proposals. An application for a Development Consent Order (DCO) for the proposed Project will be submitted to the Planning Inspectorate and will be decided by the Secretary of State for Energy Security and Net Zero, in accordance with the Planning Act 2008.

Once the consultation has closed, we will carefully consider all the feedback we receive as we continue to refine our proposals further. We will publish this feedback, and any other Project responses, in our Consultation Report which will be submitted as part of our DCO application.

## How to respond

Please complete this feedback form and return it to us using our freepost address: **FREEPOST MORECAMBE AND MORGAN**. Simply fold and stick your response form with the freepost address on the front and put it in your local post box. There is no need to use a stamp.

As well as completing this feedback form, you can also submit feedback using the following methods:



### Online:

Complete this feedback form online by visiting [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or leave a comment on our online consultation feedback map. The mapping tool allows you to leave comments at specific geographical locations.



**Email:** Send your response to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Send a copy of this feedback form to **FREEPOST MORECAMBE AND MORGAN**, or write to us with your feedback at this address.

Should you have any questions or require more information, please visit our website

[www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission) or call the project team on **0800 915 2493 (option 3)**

## Accessibility

Should you require any of our materials in a more accessible format, please contact us on [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com) or **0800 915 2493 (option 3)**.

**Personal information**

Title:	First name:
Date:	Surname:
Company / organisation, if applicable (optional):	
Address:	
Postcode (optional):	Email address:

How would you describe your interest in the Project?

- Local interest group   
  Local resident   
  Statutory body  
 Local business   
  Local representative   
  Other (please specify)

Please tick this box if you would like to opt in to receive Project updates.

Please refer to the privacy notice (see page 11) for details of how we will handle your data.

**Q1 Do you have any comments / feedback on the offshore elements of the Project generally? You may choose to comment on the specific topics listed (see numbered topics 1.1 to 1.9 below).**

These topics are set out in detail in our Preliminary Environmental Information Report (PEIR) and more succinctly summarised in our PEIR Non-Technical Summary (both available to read in full at [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)).

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**1.1 Physical Processes (see volume 2, chapter 1 of our PEIR).**

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**1.2 Benthic subtidal and intertidal ecology (see volume 2, chapter 2 of our PEIR).**

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**1.3 Fish and shellfish ecology (see volume 2, chapter 3 of our PEIR).**

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**1.4 Marine mammals (see volume 2, chapter 4 of our PEIR).**

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**1.5 Offshore ornithology (see volume 2, chapter 5 of our PEIR).**

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**1.6 Commercial fisheries (see volume 2, chapter 6 of our PEIR).**

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**1.7 Shipping and navigation (see volume 2, chapter 7 of our PEIR).**

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**1.8 Marine archaeology (see volume 2, chapter 8 of our PEIR).**

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**1.9 Other sea users (see volume 2, chapter 9 of our PEIR).**

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**Q2**

**Do you have any comments / feedback about the location of the Morgan offshore booster station search areas for the Project?**

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q3**

**Do you have any comments or feedback on the onshore and / or intertidal elements of the Project generally? You may choose to comment on the specific topics listed (see numbered topics 3.1 to 3.9).**

These topics are set out in detail in our Preliminary Environmental Information Report (PEIR) and more succinctly summarised in our PEIR Non-Technical Summary (both available to read in full at [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)).

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**3.1** Geology, hydrogeology and ground conditions  
(see volume 3, chapter 1 of our PEIR).

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**3.2** Hydrology and flood risk  
(see volume 3, chapter 2 of our PEIR).

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**3.3** Onshore ecology and nature conservation  
(see volume 3, chapter 3 of our PEIR).

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**3.4** Onshore and intertidal ornithology  
(see volume 3, chapter 4 of our PEIR).

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**3.5** Historic environment  
(see volume 3, chapter 5 of our PEIR).

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**3.6** Land use and recreation  
(see volume 3, chapter 6 of our PEIR).

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**3.7** Traffic and transport  
(see volume 3, chapter 7 of our PEIR).

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**3.8** Noise and vibration  
(see volume 3, chapter 8 of our PEIR).

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**3.9** Air quality  
(see volume 3, chapter 9 of our PEIR).

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**Q4**

Do you have any other comments or feedback on the Project to date generally, including the specific topics listed below (see numbered topics 4.1 to 4.5 below)?

These topics are set out in detail in our Preliminary Environmental Information Report (PEIR) and more succinctly summarised in our PEIR Non-Technical Summary (both available to read in full at [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)).

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<b>4.1</b> Seascape, landscape and visual resources (see volume 4, chapter 1 of our PEIR).	<b>4.2</b> Aviation and radar (see volume 4, chapter 2 of our PEIR).
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<b>4.3</b> Climate change (see volume 4, chapter 3 of our PEIR).	<b>4.4</b> Socio-economics (see volume 4, chapter 4 of our PEIR).
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<b>4.5</b> Inter relationships (see volume 4, chapter 5 of our PEIR).	
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**Q5**

Do you have any comments / feedback about the location of the Project landfall area? This is the area where the offshore export cables come onshore, and the transitional area between the offshore cabling and the onshore cabling, including transition joint bays.

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q6**

Do you have any comments / feedback about the location of the proposed temporary compound areas and temporary and permanent access areas for the onshore and intertidal elements of the Project?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q7**

Do you have any comments / feedback about the location of the proposed Freckleton / Hall Cross onshore export cable corridor search area for the Project?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q8** Do you have any comments / feedback about the proposed onshore substations statutory consultation area for the Project?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q9** Do you have any comments / feedback regarding the preferred onshore substation site for the Morgan Offshore Wind Project?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q10** For our application the Morecambe Offshore Windfarm will be reducing to a single onshore substation site. Do you have any comments, feedback or preference regarding the two options presented for the Morecambe onshore substation site, and which one should be taken forward?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q11** Do you have any comments / feedback about the grid connection area for the Project?

See volume 1 of our PEIR, chapter 4: Site Selection and Consideration of Alternatives.

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**Q12** Do you have any comments / feedback on how we propose to minimise the potential onshore impacts and effects? This might include your comments on our Outline Code of Construction Practice and its appendices.

See volume 1 of our PEIR, chapter 3: Project Description.

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**Q13** Do you have any comments / feedback on the proposed Biodiversity Net Gain, enhancement and / or mitigation land areas for the Project?

See volume 1 of our PEIR, chapter 3: Project Description, and volume 3 of our PEIR, chapter 3: Onshore Ecology and Nature Conservation.

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**Q14** Do you have any comments / feedback on the draft Development Consent Order for the Project?

Form area for Q14 with 15 horizontal lines for text input.

**Q15** Do you have comments on how the Project could support and work with local communities?

Form area for Q15 with 15 horizontal lines for text input.

**Q16** Do you have any other comments / feedback on the Project, including any other information provided as a part of this consultation?

Form area for Q16 with 15 horizontal lines for text input.

Your privacy matters to us and we are transparent about how we use your data.

**FAQs**

**Why are we collecting this data?**

- We value your feedback to help us develop our proposals for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets
- To allow us to keep you up to date as the Project progresses
- To meet our statutory obligations under the Planning Act 2008 and any other relevant legislation.

**Who are we sharing this information with?**

- With our contractors and suppliers with whom we have contracts in place to support in the development of the Project. For example, Camargue, RPS, and Royal HaskoningDHV who act on behalf of the Project.
- With relevant government bodies, such as the Planning Inspectorate and the Department of Energy Security and Net Zero, to support the Project planning application process.

**How long will we keep this information?**

- We will keep the information for the time required to fulfil the purposes of the Project.
- If you wish to update your information, find out more, or make any requests, please contact:
- Email: [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
  - Phone: **0800 915 2493 (option 3)**



Scan the QR code or visit: [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission)



Email: [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



Write to us at: **FREEPOST MORECAMBE AND MORGAN**



Call: **0800 915 2493 (option 3)**

## Fold B

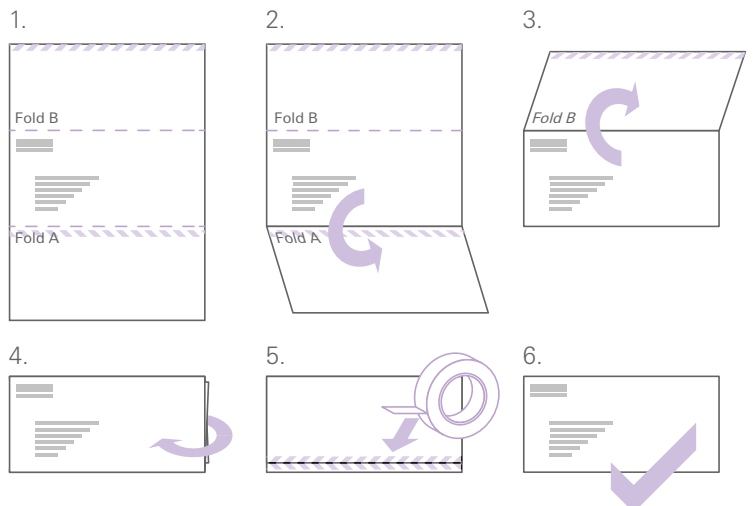
## FREEPOST MORECAMBE AND MORGAN

## Fold A

### Folding instructions

Once you've completed the questionnaire please follow these instructions before returning it to us:

1. With the return address facing you
2. Fold the bottom part backwards along Fold A
3. Fold the top part backwards along Fold B
4. Turn the folded questionnaire over
5. Secure it by sticking clear tape along the length of hatched area
6. There's no need for a stamp, just pop it in the post



## E1.8.16 Acknowledgements to submitted feedback

## E1.8.16.1 Auto acknowledgement to submitted feedback: Email



info@morecambeandmorgan.com

Thank you for your email to the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project.

If you have submitted feedback to our statutory consultation, then please accept this email as confirmation that your feedback has been received and will be formally logged.

If you have asked a question, then a member of the project team will be in touch with you shortly.

In the meantime, you may find our Consultation Hub useful, which includes:

- Statutory Consultation Brochure
- Preliminary Environmental Information Report (PEIR)
- PEIR Non-Technical Summary
- Feedback Form
- Statement of Community Consultation (SoCC)

If you have yet to provide feedback there are several ways you can do so:

- Online consultation feedback map
- Online feedback form
- Send an email to [info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)
- Write to FREEPOST MORECAMBE AND MORGAN

You can read all of the above materials and submit your feedback online by visiting [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission). You can also write to us at FREEPOST MORECAMBE AND MORGAN or, if you have any questions, you can call us on 0800 915 2493 (option 3).

Please note that our consultation closes at 23:59 on 23 November 2023. All responses to this consultation must be received via one of the above methods by this time. Responses received after this date may not be considered.

Kind regards,

Morgan and Morecambe Offshore Wind Farms: Transmission Assets  
<https://morecambeandmorgan.com/transmission/>  
0800 915 2493 (option 3)  
[info@morecambeandmorgan.com](mailto:info@morecambeandmorgan.com)



## E1.8.16.2 Acknowledgement to submitted feedback: Letter



## **Morgan and Morecambe Offshore Wind Farms: Transmission Assets project**

Thank you for your feedback to the statutory consultation on the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project.

Please accept this letter as confirmation that your feedback has been received and has been formally logged.

Please note that our consultation closed at 23:59 on 23 November 2023. All the information presented during this consultation is still available to view on our website: <https://morecambeandmorgan.com/transmission/>

We will consider all feedback we have received alongside carrying out further technical, engineering and environmental work.

All feedback submitted during this stage of consultation will be addressed in our consultation report, which will be published in due course.

Kind regards,

Morgan and Morecambe Offshore Wind Farms: Transmission Assets

### E1.8.16.3 Auto acknowledgement to submitted feedback: Online feedback form



## Successful feedback

### Thank you for your feedback to the Morgan and Morecambe Offshore Wind Farms: Transmission Assets project.

Please accept this as confirmation that your feedback has been received and has been formally logged.

You can find out more about the project submit further feedback online by visiting [www.morecambeandmorgan.com/transmission](http://www.morecambeandmorgan.com/transmission). You can also write to us at **FREEPOST MORECAMBE AND MORGAN** or, if you have any questions, you can call us on **0800 915 2493 (option 3)**.

Please note that our consultation closes at **23:59 on 23 November 2023**. All responses to this consultation must be received by this time. Responses received after this date may not be considered.

Kind regards,

Morgan and Morecambe Offshore Wind Farms: Transmission Assets

[Back home](#)