

A coastal landscape featuring a sandy path leading through grasses towards a beach and ocean under a cloudy sky.

# Outer Dowsing Offshore Wind

## Consultation Report

### Appendix 5.1.9 Phase 2 Consultation Documentation

Date: March 2024

Document Reference: 5.1.9

Rev: 1.0

Company:	<b>Outer Dowsing Offshore Wind</b>		Asset:	<b>Whole Asset</b>		
Project:	<b>Whole Wind Farm</b>		Sub Project/Package:	Whole Asset		
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## Appendix 5.1.9 Phase 2 Consultation Documentation

- Annex 5.1.9A Public Advert for Phase 2 Consultation Events
- Annex 5.1.9B Leaflet issued to Residents in the Phase 2 Consultation Zone
- Annex 5.1.9C Section 42 Letter issued to Statutory Prescribed Consultees
- Annex 5.1.9D Email issued to other interested parties and consultees
- Annex 5.1.9E Email issued to previous attendees at consultation events
- Annex 5.1.9F Panels as presented at the Phase 2 consultation and virtual exhibition
- Annex 5.1.9G Feedback Form
- Annex 5.1.9H Project update on National Grid confirmation of Connection Option Location

## **Annex 5.1.9A Public Advert for the Phase 2 Consultation Events**

# Outer Dowsing Offshore Wind Phase 2 Consultation 7th June – 21st July 2023

In this round of consultation we want to share with you our progressed plans and the Preliminary Environmental Information Report (PEIR). The PEIR outlines the likely environmental effects of the project. It also details the potential design commitments that we propose to incorporate to mitigate against the impacts and outlines monitoring commitments. The report explains the nature, scale and location of likely environmental effects so that members of the public and interested parties can make an informed contribution to the pre-application consultation process under the Planning Act 2008.

We will be holding five in-person consultation events and two online webinars where you can learn more about the proposals and let us know your thoughts. The dates are indicated opposite - please pop in to the events at your leisure to review our proposals and chat to the team, or visit our website to find out more about the webinars.

**We will also be holding a virtual exhibition on our website – [www.outerdowsing.com](http://www.outerdowsing.com) from 20 June – 21 July where you can view the information from the consultation events and find out more about our proposals.**  
**The deadline for commenting on this phase of consultation is 21 July 2023.**

Venue	Date and Time
<b>Wainfleet All Saints Coronation Hall</b> High Street, Wainfleet, PE24 4BS	Tuesday 20 June 2pm-8pm
<b>Anderby Village Hall</b> Sea Road, Anderby, PE24 5YD	Wednesday 21 June 2pm-8pm
<b>Old Leake Community Centre</b> Furlongs Lane, Old Leake, PE22 9NX	Thursday 22 June 2pm-8pm
<b>Online webinar and Q&amp;A – <a href="http://www.outerdowsing.com">www.outerdowsing.com</a></b>	Wednesday 28 June 7pm-8pm
<b>Online webinar and Q&amp;A – <a href="http://www.outerdowsing.com">www.outerdowsing.com</a></b>	Thursday 29 June 2pm-3pm
<b>Butterwick Village Hall</b> Church Road, Butterwick, PE22 0HT	Friday 30 June 2pm-8pm
<b>Fosdyke Village Hall</b> Old Main Road, Fosdyke, PE20 2BU	Saturday 1 July 2pm-8pm

**Freephone:** 0808 175 2970 **Email:** [contact@outerdowsing.com](mailto:contact@outerdowsing.com)  
**Write to us:** FREEPOST ODOW (no stamp required) **Website:** [www.outerdowsing.com](http://www.outerdowsing.com)

## **Annex 5.1.9B Leaflet issued to Residents in the Phase 2 Consultation Zone**

A photograph of an offshore wind farm. In the foreground, a large white wind turbine is shown from a low angle, looking up at its hub and blades. The blades are white and extend outwards. In the background, several other similar wind turbines are visible, spaced out across a vast blue sea under a clear blue sky. The turbines have yellow-orange bases. The overall scene is bright and clear.

# Outer Dowsing Offshore Wind Phase 2 Consultation

**Project update and invitation to  
consultation events**



**OUTER  
DOWSING**  
OFFSHORE WIND

# OUTER DOWSING OFFSHORE WIND

We are writing to you to update you on the Outer Dowsing Offshore Wind Project and to invite you to our Phase 2 consultation events where you will be able to meet the team and discuss the Project's proposals. We see great value in local knowledge and are committed to working with local communities and stakeholders to help further shape our proposals.

Outer Dowsing Offshore Wind is a proposed offshore wind farm located 54km off the coast of Lincolnshire and will be built together with associated offshore and onshore transmission infrastructure. The offshore cables are proposed to make landfall at Wolla Bank, south of Anderby Creek. From there, they would continue underground to one of two connection points still under consideration by National Grid; a connection in the vicinity of the existing overhead lines at Weston Marsh (north of Spalding) or a proposed new National Grid substation (east of Alford) - please see the map on the opposite page.

Outer Dowsing Offshore Wind is being developed by Corio Generation, TotalEnergies and Gulf Energy who have put together a team of experts with decades of experience in offshore wind to ensure that we deliver the Project to the highest standard.

## PHASE 2 CONSULTATION

In this round of consultation, we want to share with you our updated plans and the Preliminary Environmental Information Report (PEIR). The PEIR seeks to highlight the likely environmental effects based on the current Project proposals, it also details the potential design commitments that we propose to incorporate to mitigate against the impacts of the project. The Phase 2 Consultation materials, including the PEIR, will provide key information on the Project so that members of the public and interested parties can make an informed contribution to the pre-application consultation process under the Planning Act 2008. The PEIR and supporting documents will be available on the project website from 7 June 2023.

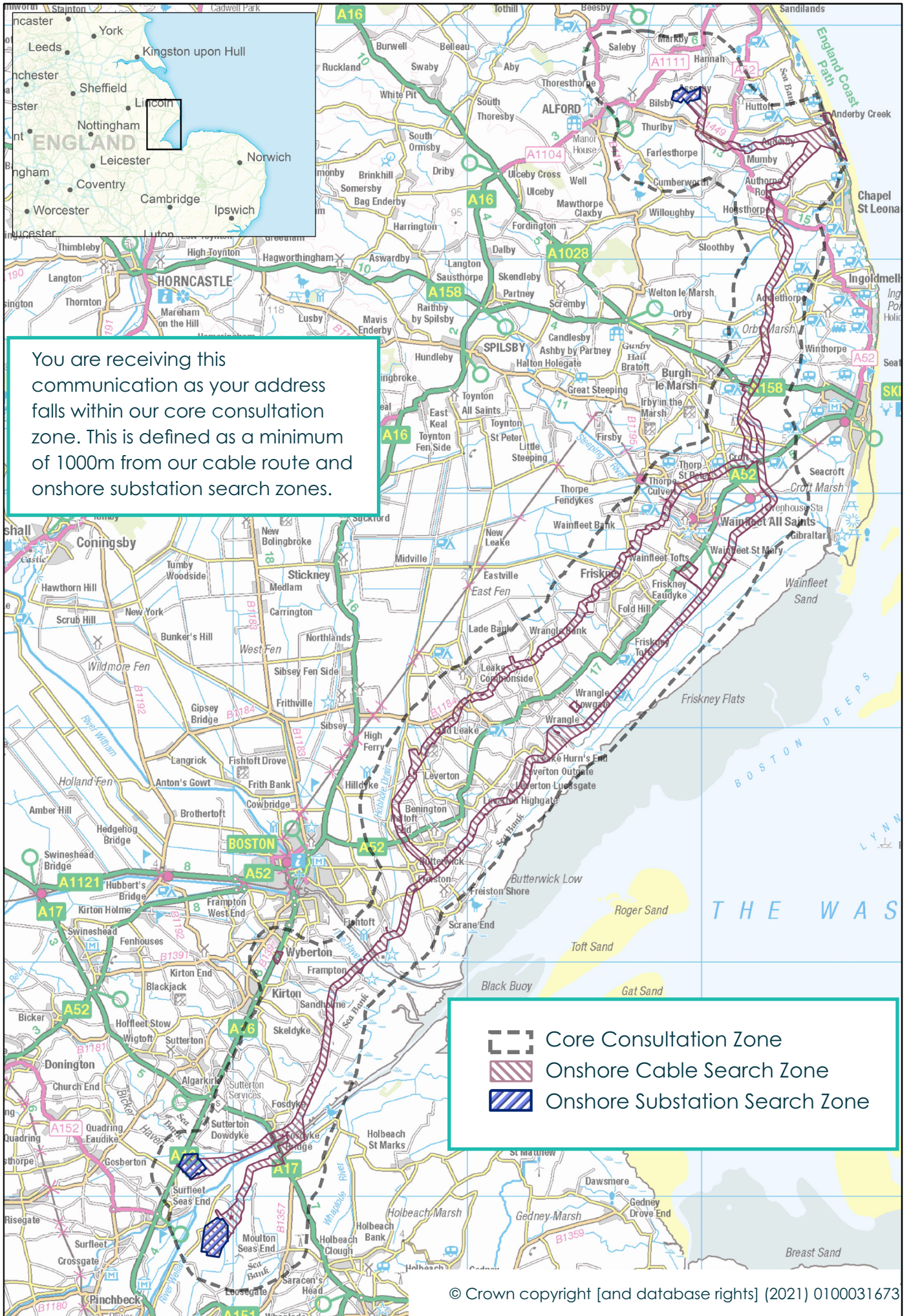
## THANK YOU!

Over our previous rounds of consultation, we have communicated with over 28,000 households as well as elected local councillors. Over 800 visitors attended one of our in person events and our online exhibitions were viewed c. 500 times. The feedback we received was extremely valuable and has helped us refine our plans to deliver a more sustainable project. Thank you to those who have engaged with us so far, the team is fully committed to continue working together to develop Outer Dowsing Offshore Wind and to one day power 1.6 million UK households with renewable power.




## WE WANT TO HEAR YOUR VIEWS

The ODOW team believe that the communities close to our Project and the local knowledge they bring can help us deliver the project in the most socially and environmentally sensitive way. We want to encourage you and your community to share your views on how the project may affect you or your local area. The Project is dedicated to engaging actively and openly, we are therefore holding five in-person consultation events along the cable route and possible substation sites, two online webinars as well as hosting an online virtual exhibition. Consultation materials will be made available in hard copy at a number of access points within the consultation zone. At the In person events you will be able to meet the team, learn more about the proposals, ask questions and let us know your thoughts. There is no need to register for these events – please drop by at your leisure. If you have any queries about accessing consultation materials, how to feedback or just want to ask the Project team a question, please see the back page for the Project's contact details.





You are receiving this communication as your address falls within our core consultation zone. This is defined as a minimum of 1000m from our cable route and onshore substation search zones.





-  Core Consultation Zone
-  Onshore Cable Search Zone
-  Onshore Substation Search Zone

Venue	Date and Time
<b>Wainfleet All Saints Coronation Hall</b> High Street, Wainfleet, PE24 4BS	Tuesday 20 June 2pm-8pm
<b>Anderby Village Hall</b> Sea Road, Anderby, PE24 5YD	Wednesday 21 June 2pm-8pm
<b>Old Leake Community Centre</b> Furlongs Lane, Old Leake, PE22 9NX	Thursday 22 June 2pm-8pm
<b>Online webinar and Q&amp;A –</b> <a href="http://www.outerdowsing.com">www.outerdowsing.com</a>	Wednesday 28 June 7pm-8pm
<b>Online webinar and Q&amp;A –</b> <a href="http://www.outerdowsing.com">www.outerdowsing.com</a>	Thursday 29 June 2pm-3pm
<b>Butterwick Village Hall</b> Church Road, Butterwick, PE22 0HT	Friday 30 June 2pm-8pm
<b>Fosdyke Village Hall</b> Old Main Road, Fosdyke, PE20 2BU	Saturday 1 July 2pm-8pm

If you can't make it along to the consultation events, we will also be hosting a virtual exhibition on our website at [www.outerdowsing.com](http://www.outerdowsing.com) between the 20 June and 21 July 2023.

The deadline for commenting on this phase of consultation is **21 July 2023**.

If you would like to find out more or let us know your views, you can:

-  Visit our website at [www.outerdowsing.com](http://www.outerdowsing.com)
-  Write to us free of charge at **FREEPOST ODOW**  
(no other address or stamp required)
-  Email us at [contact@outerdowsing.com](mailto:contact@outerdowsing.com)
-  Call us free of charge on **0808 175 2970**

## **Annex 5.1.9C Section 42 Letter issued to Statutory Prescribed Consultees**

7<sup>th</sup> June 2023

Dear Consultee

### **Outer Dowsing Offshore Wind**

#### **Statutory Pre-Application Consultation under Section 42 of the Planning Act 2008**

We are writing to consult with you on the proposed application for Outer Dowsing Offshore Wind (“the Project”).

GTR4 Limited (trading as Outer Dowsing Offshore Wind) (“the Applicant”) intends to apply to the Secretary of State for Energy Security and Net Zero for a Development Consent Order (“DCO”) under Section 37 of the Planning Act 2008 for the construction and operation of the Project. It is expected that the DCO application for the Project will be submitted in Q1 of 2024.

Prior to submitting the DCO application the Applicant is required by Section 42 of the Planning Act 2008 and the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 to carry out statutory consultation on the proposed application, including the preliminary environmental information and you have been identified as a consultee for the purposes of this consultation.

The Applicant will consider any relevant responses received when preparing the final DCO application.

In accordance with Section 48 of the Planning Act 2008, the Applicant must publicise the proposed application. A copy of the notice publicising the proposed application is enclosed with this letter in accordance with Regulation 13 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

#### Background to the Project

The Project will be located approximately 54km from the Lincolnshire coastline in the southern North Sea. The Project will include both offshore and onshore infrastructure including an offshore generating station of up to 93 wind turbines, offshore platforms and other electrical infrastructure. Offshore export cables will export electricity via export cables to landfall located at Wolla Bank, Chapel St Leonards.

At landfall, the offshore export cables will be connected to the onshore infrastructure. Onshore cables will be routed underground to an onshore substation which will in turn connect into the main transmission network via new transmission infrastructure to be owned and operated by National Grid. The onshore substation will be located at either Weston Marsh or Lincolnshire Node, with the final location being determined through the Offshore Transmission Network Review (OTNR) process.

Further information, including a Project Description for the Project, can be found in the consultation materials (see below).

#### Consultation Materials

The Applicant has prepared a Preliminary Environmental Information Report (“PEIR”) which has been informed by the Scoping Opinion issued by the Planning Inspectorate and which reports the results of the Environmental Impact Assessment (“EIA”) which has been carried out to date. The purpose of the PEIR is to enable consultees to understand the likely environmental effects of the Project and to help inform consultation responses. It should be noted that EIA is an ongoing process and the design of the Project will continue to evolve during the pre-application stage.

The consultation materials comprise of the following:

1. Preliminary Environmental Information Report;
2. Non-Technical Summary of the Preliminary Environmental Information Report;
3. Draft Report to Inform Appropriate Assessment;
4. Draft Development Consent Order including Deemed Marine Licences;
5. Draft Works Plans;
6. Reports, Statements and Outline Plans;

Additional documents including a Guide to the Phase Two Consultation Submission, Consultation Summary, and the Scoping Report are available for information purposes.

These consultation materials can be viewed on the project website at [www.outerdowsing.com/phase-2-consultation/](http://www.outerdowsing.com/phase-2-consultation/) or accessed free of charge at the locations and times set out below from 7 June 2023 until 21 July 2023. A USB device containing the consultation materials can be provided free of charge on request. Hard copies of the consultation materials are also available on request (subject to a fee) Details of how to request these documents and any related charges are set out in the enclosed notice.

Venue	Opening hours (may be subject to change)	
<b>Mablethorpe Library and Customer Service Centre</b> Stanley Avenue Mablethorpe Lincolnshire LN12 1DP	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	09:00-17:00 09:00-17:00 09:00-17:00 09:00-18:00 09:00-17:00 09:00-13:00 Closed
<b>Skegness Library</b> 23 Roman Bank Skegness Lincolnshire PE25 2SA	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	09:00-17:00 09:00-17:00 09:00-17:00 09:00-18:00 09:00-17:00 09:00-13:00 Closed
<b>Boston Library</b> County Hall Boston Lincolnshire PE21 6DY	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	09:00-17:00 09:00-17:00 09:00-17:00 09:00-18:00 09:00-17:00 09:00-16:00 Closed
<b>Pinchbeck Community Hub and Library</b> 48 Knight Street Pinchbeck Lincolnshire PE11 3RU	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	Closed 10:00-13:00 10:00-13:00 and 14:00-16:00 10:00-13:00 Closed Closed Closed

<b>Lincolnshire County Council*</b> County Offices Newland Lincoln LN1 1YL	Monday	09:00-17:00
	Tuesday	09:00-17:00
	Wednesday	09:00-17:00
	Thursday	09:00-17:00
	Friday	09:00-17:00
	Saturday	Closed
	Sunday	Closed
<b>East Lindsey District Council*</b> Tedder Hall Manby Park, Louth Lincolnshire LN11 8UP	Monday	09:00-17:00
	Tuesday	09:00-17:00
	Wednesday	09:00-17:00
	Thursday	09:00-17:00
	Friday	09:00-17:00
	Saturday	Closed
	Sunday	Closed
<b>South Holland District Council</b> Council Offices Priory Road Spalding Lincolnshire PE11 2XE	Monday	09:00-17:00
	Tuesday	09:00-17:00
	Wednesday	09:00-17:00
	Thursday	09:00-17:00
	Friday	09:00-17:00
	Saturday	Closed
	Sunday	Closed
<b>Boston Borough Council</b> Municipal Buildings West Street Boston PE21 8QR	Monday	08:45-17:15
	Tuesday	08:45-17:15
	Wednesday	08:45-17:15
	Thursday	08:45-17:15
	Friday	08:45-16:45
	Saturday	Closed
	Sunday	Closed

A hard copy of the Non-Technical Summary and the Onshore Substation PEIR Visualisations will be available to inspect at all of the above venues. USBs containing the Preliminary Environmental Information will be available to take away from all of the above venues and computers will be available at all venues except those marked with an \* to view the material at the venue.

Public Information Days, where the consultation materials will be available for inspection, will also be held by the Applicant on the following dates in the locations specified:

Date	Address	Time
Tuesday 20 June 2023	Wainfleet All Saints Coronation Hall  High Street Wainfleet PE24 4BS	2pm – 8pm

Wednesday 21 June 2023	Anderby Village Hall Sea Road Anderby PE24 5YD	2pm – 8pm
Thursday 22 June 2023	Old Leake Community Centre Furlongs Lane Old Leake, PE22 9NX	2pm – 8pm
Friday 30 June 2023	Butterwick Village Hall Church Road Butterwick PE22 0HT	2pm – 8pm
Saturday 1 July 2023	Fosdyke Village Hall Old Main Road Fosdyke PE20 2BU	2pm – 8pm

#### Responding to this consultation

Any consultation responses should be made in writing to:

FREEPOST ODOW (no stamp or further address details needed on the envelope)

Or via email: [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

The consultation will end at 11.59pm on **Friday 21 July 2023**.

**Please ensure that all comments are submitted to Outer Dowsing Offshore Wind before the consultation end date.**

Consultation responses may be made publicly available however the Applicant will not share individuals' data (although the Applicant may indicate the general area of an individual's location for context).

If you would like further information about this consultation, the consultation materials or the Project, please contact the project team by using one of the following contact methods:

Email: [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

Post: FREEPOST ODOW (no stamp or further address details needed on the envelope)

Telephone: 0808 175 2970

We look forward to hearing from you.

Yours faithfully

**Chris Jenner**

**Development Manager**

**Outer Dowsing Offshore Wind**

[www.OuterDowsing.com](http://www.OuterDowsing.com)

## **Annex 5.1.9D Email issued to other interested parties and consultees**



Dear Consultee

## **Outer Dowsing Offshore Wind**

### **Statutory Pre-Application Consultation under Section 42 of the Planning Act 2008**

We are writing to consult with you on the proposed application for Outer Dowsing Offshore Wind (“the Project”).

GTR4 Limited (trading as Outer Dowsing Offshore Wind) (“the Applicant”) intends to apply to the Secretary of State for Energy Security and Net Zero for a Development Consent Order (“DCO”) under Section 37 of the Planning Act 2008 for the construction and operation of the Project. It is expected that the DCO application for the Project will be submitted in Q1 of 2024.

Prior to submitting the DCO application the Applicant is required by Section 42 of the Planning Act 2008 and the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 to carry out statutory consultation on the proposed application, including the preliminary environmental information and you have been identified as a consultee for the purposes of this consultation.

The Applicant will consider any relevant responses received when preparing the final DCO application.

In accordance with Section 48 of the Planning Act 2008, the Applicant must publicise the proposed application. A copy of the notice publicising the proposed application is attached to this email in accordance with Regulation 13 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

#### Background to the Project

The Project will be located approximately 54km from the Lincolnshire coastline in the southern North Sea. The Project will include both offshore and onshore infrastructure including an offshore generating station of up to 93 wind turbines, offshore platforms and other electrical infrastructure. Offshore export cables will export electricity via export cables to landfall located at Wolla Bank, Chapel St Leonards.

At landfall, the offshore export cables will be connected to the onshore infrastructure. Onshore cables will be routed underground to an onshore substation which will in turn connect into the main transmission network via new transmission infrastructure to be owned and operated by National Grid. The onshore substation will be located at either Weston Marsh or Lincolnshire Node, with the final location being determined through the Offshore Transmission Network Review (OTNR) process.

Further information, including a Project Description for the Project, can be found in the consultation materials (see below).

#### Consultation Materials

The Applicant has prepared a Preliminary Environmental Information Report (“PEIR”) which has been informed by the Scoping Opinion issued by the Planning Inspectorate and which reports the results of the Environmental Impact Assessment (“EIA”) which has been carried out to date. The purpose of the PEIR is to enable consultees to understand the likely environmental effects of the Project and to help inform consultation responses. It should be noted that EIA is an ongoing process and the design of the Project will continue to evolve during the pre-application stage.

The consultation materials comprise of the following:

1. Preliminary Environmental Information Report;
2. Non-Technical Summary of the Preliminary Environmental Information Report;
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Wednesday 28 June 2023	Online Webinar and Q&A <a href="http://www.outerdowsing.com">www.outerdowsing.com</a>	7pm - 8pm
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Friday 30 June 2023	Butterwick Village Hall Church Road Butterwick PE22 0HT	2pm – 8pm
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FREEPOST ODOW (no stamp or further address details needed on the envelope)

Or via email: [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

The consultation will end at 11.59pm on **Friday 21 July 2023**.

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If you would like further information about this consultation, the consultation materials or the Project, please contact the project team by using one of the following contact methods:

Email: [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

Post: FREEPOST ODOW (no stamp or further address details needed on the envelope)

Telephone: 0808 175 2970

We look forward to hearing from you.

Yours faithfully

**Chris Jenner**

**Development Manager**

**Outer Dowsing Offshore Wind**

[www.OuterDowsing.com](http://www.OuterDowsing.com)

## **Annex 5.1.9E Email issued to previous attendees at consultation events**

5<sup>th</sup> June 2023

Dear Resident,

Thank you for taking the time to meet with us at one of the public information days in November 2022 and February 2023 to learn more about Outer Dowsing Offshore Wind. We hope that you found the exhibition informative and were able to give your feedback on the day or via the post-event questionnaire. The team and I enjoyed meeting you and found it incredibly valuable to hear local insights that we can incorporate into our project. Depending on your address you may also receive a duplicate leaflet as part of our broader mail-out, but we wanted to be sure that all those who expressed an interest in the project received the information at least once.

Over 800 people attended the public information days, with others attending the online sessions. The team have been busy completing various studies so that we can minimise impacts that may be caused by the wind farm and associated infrastructure. The results of these studies are detailed in the Preliminary Environmental Information Report (“PEIR”) that aims to help all interested parties understand the likely environmental effects of the project. It also details the potential design commitments that we propose to incorporate to mitigate against the impacts of the project, for example noise and traffic impacts, and monitoring commitments.

Along with the findings from the PEIR we listened to your feedback and have further refined the project design for Outer Dowsing Offshore Wind. It is therefore now time to invite you to review the PEIR, associated plans and documents including a Non-Technical Summary and give your feedback. I enclose a leaflet that provides details of the information days and webinars and hope that you will be able to join us at one of them. If you are unable to attend the information days or online webinars, the enclosed leaflet also provides details of an online exhibition where you can view the updated proposals and provide your feedback. The deadline for comments on this consultation is the 21<sup>st</sup> of July.

Our aim is to deliver a project that will provide large-scale, low carbon and cost-competitive renewable energy generation with the highest levels of environmental stewardship. We also want to design the project in a way that brings opportunities to both the communities along the coast and the wider UK supply chain. We hope that you can share your ideas and feedback to help us realise this goal.

The Outer Dowsing Offshore Wind project and the renewable energy it will produce will become an essential component of the UK’s net-zero energy system, delivering opportunities and empowering transformational environmental change. I’d like to thank you once again for giving your time to help realise this ambition and hope to see you at one of the public information days or online.

Kind regards,

**Chris Jenner**

Development Director

Outer Dowsing Offshore Wind Farm

## **Annex 5.1.9F Panels as presented at the Phase 2 consultation and virtual exhibition**



# Outer Dowsing Offshore Wind Exhibition Panels



**OUTER  
DOWSING**  
OFFSHORE WIND





# Welcome

Welcome to our public exhibition for the Outer Dowsing Offshore Wind Project. In this round of consultation, we want to share with you our Preliminary Environmental Information Report (PEIR) and updated plans. Members of the Project team are here to help answer your questions and hear your feedback.

The proposal is for an offshore windfarm, approximately 54 kilometres off the coast of Lincolnshire, England. The project comprises a 1.5GW offshore generating station, along with the transmission infrastructure (both onshore and offshore) required to get the electricity to consumers.

## Who we are

The project partners are committed to delivering a brighter future for the Greater Lincolnshire area. Further afield, the wind farm will help form the backbone of the UK's net-zero energy system, delivering opportunities and empowering transformational environmental change. The project is being developed by Corio Generation, TotalEnergies and Gulf Energy Development who have put together a team of experts with decades of experience in offshore wind to ensure that we deliver the project to the highest standard.



## A reminder about our Grid Connection

In July 2022, National Grid Energy Systems Operator (NGESO) published the preliminary results of the Offshore Transmission Network Review (OTNR) Holistic Network Design (HND), which confirmed that there are two connections options under consideration for the Project;

🌀 **Lincolnshire Node**, or;

🌀 **Weston Marsh**

The objective of the OTNR is 'to ensure that the transmission connections for offshore wind generation are delivered in the most appropriate way, considering the increased ambition for offshore wind to achieve net zero'.

The final conclusions arising from the HND Report have not yet been finalised and therefore the PEIR and our consultation to date includes proposals for both of these options. Once a grid connection is confirmed by National Grid, only one of these connection options and associated onshore infrastructure will be taken forward.

## What has changed since the last consultation?

1. The Preliminary Environmental Assessment Report (PEIR)
  - The Project have undertaken studies to assess potential impacts to the environment and propose mitigations.
  - The full PEIR can be viewed at the public exhibition events in hardcopy and online at <https://www.outerdowsing.com/phase-2-consultation/>
2. Following feedback from our previous consultations, we have adjusted and further refined down the Project's search zone including;
  - Offshore Export Cable Corridor
  - Onshore Cable Corridors
  - Onshore Substation Search zones

Details on these can be found in the specific "Offshore", "Onshore Cable Corridor" and "Onshore Substation" Panels.



# Outer Dowsing Offshore Wind and the Community

Our team believe that communities close to our project and the local knowledge they bring can help us build the wind farm in the most socially and environmentally sensitive way.

## Our Consultation

We are dedicated to consulting in the best way possible. We really appreciate the feedback we've had to date on our consultations, and we are fully committed to continue this open style of communication and we want to encourage you and your local community to give your views on how the project may affect you or your local area.

## We are seeking feedback to help develop the Project's proposals regarding, but not limited to:

- Our onshore proposals, including our proposed cable corridors landfall search zone and onshore substation search zones
- Our offshore proposals, including the offshore array area and offshore cable corridor search zone
- Any lessons learned from previous projects locally to help improve our processes
- How we can deliver a **substantive and enduring benefit to local communities through partnerships and community led projects**

## Our consultation with the Community

- Over our previous rounds of consultation, we communicated with **28,000 households** as well as locally elected councillors and community representatives. We have had over **800 visitors** attend our previous public exhibitions.
- We have hosted over **12** Community Liaison Groups with over **60** attendees.

## Our Consultations with Landowners

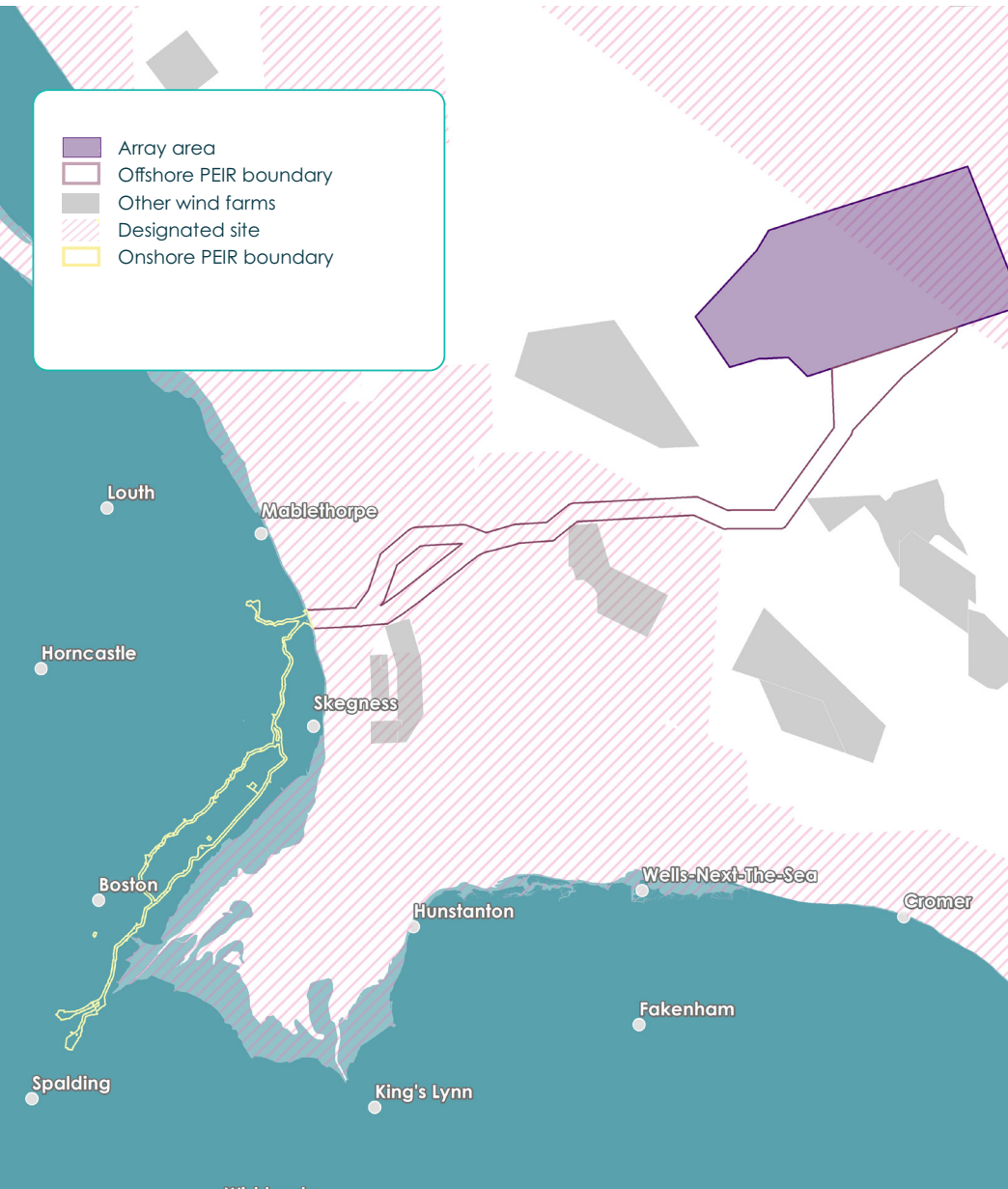
- We have met with over **490 landowners and tenants** to date (that's almost 88% of the cable corridor)



There are several ways you can provide feedback to us including on your sign in card, speaking to the team, sending us an email ([contact@outerdowsing.com](mailto:contact@outerdowsing.com)), leaving a message on our Freephone number (**0808 175 2970**) or writing to us free of charge (**FREEPOST ODOW**).

# Our Offshore Proposals

The offshore elements of the Project consist of an offshore wind turbine array, area located approximately 54 km east of the Lincolnshire coast, along with offshore platforms, and export cables and array cables to connect the electricity generated to the National Grid.



## The key offshore components are:

- Up to 93 wind turbines;
- Wind turbines will have a maximum tip height of 403m;
- Up to four offshore substations;
- Up to two offshore reactive compensation platforms;
- Accommodation platform;
- Array and interlink cables; and
- Offshore export cables

## Offshore Cable Corridor

The offshore export cable corridor is the area where the offshore export cables will be installed. The offshore export cables will bring the power generated by the windfarm ashore. The offshore export cables will predominately be buried below the seabed.

## The Wind Turbines

The exact size and number of turbines that will be installed will be subject to further engineering design development.



## Wind Turbine Array Area

The array area is where the wind turbines will be located, as well as any additional infrastructure including offshore substations and electrical cables to connect wind turbines and offshore substations.

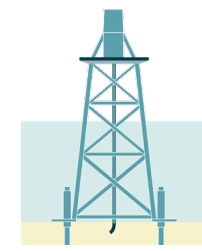
The array area currently covers approximately 500 km<sup>2</sup> but as part of the ongoing EIA process, and in consultation with relevant stakeholders the size of the array area will be refined to 300 km<sup>2</sup> prior to construction.

The final wind turbine layout will be determined once the design optimisation process has been completed. This process will balance a range of key considerations including wind turbine design, foundation structure, turbine spacing, seabed characteristics, metocean conditions, wind direction, benthic habitats, navigational safety and fisheries considerations amongst other factors all of which have been considered as part of the project's PEIR.

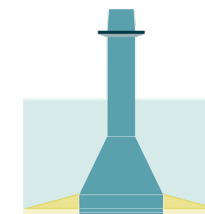
## The Wind Turbine Foundations

A number of different foundation types are being considered, including monopiles, pin piles, jackets, suction buckets and gravity base foundations, examples shown here.

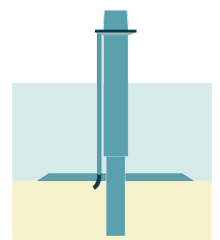
### Typical Foundation Types



Jacket



Gravity base



Monopile

# Our Onshore Cable Corridors

Since our previous consultation we have refined our onshore cable route search zone down from 2000m to an approximate 300m width. This 300m width is our refined search zone (Onshore PEIR Boundary) for where the onshore underground cables will be placed to allow power to be transferred to the Project's connection point and ultimately into the National Grid Transmission System.

Whilst the width of the cable corridor may fluctuate along the route to account for specific environmental or engineering constraints, the Project will ultimately require a typical working width of 80m during cable construction, reducing to a typical 60m wide corridor post construction. The current 300m PEIR boundary will therefore be refined (reduced) for the Project's DCO Application.

As can be seen on the image the Project landfall is located at **Wolla Bank**, south of Anderby Creek. Underground cables would continue to one of two different connection points still under consideration by National Grid;



☼ A connection to the **existing overhead lines at Weston Marsh** (north of Spalding)

- There are two alternative onshore cable route options being considered to this connection point as shown on the "PEIR Boundary" in yellow on the image; these are Weston Marsh (north of the A52) and Weston Marsh (south of the A52). The Project are currently undertaking environmental and engineering studies on both of these routes, as well as feedback received from this consultation, this will help inform which route should be taken forward if Weston Marsh is the adopted grid connection

Or;

☼ to a proposed **new National Grid connection point, Lincolnshire Node** (east of Alford)

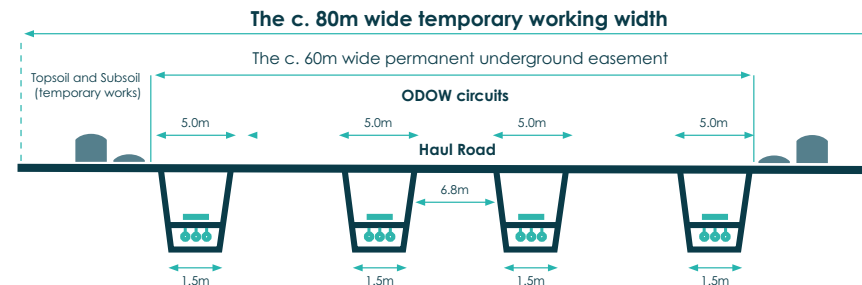
- There is only one proposed cable route option being considered for this connection point.

## The Onshore Underground Cables

The onshore cables will be placed in up to four trenches to transfer the power generated across Lincolnshire to the grid connection at the Project's onshore substation. The onshore cable route will also include temporary compounds, temporary access routes and a temporary haul road.

## Site Selection

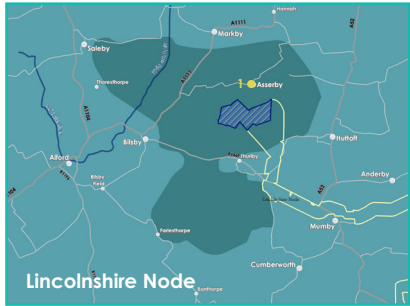
The guiding principles for locating the Project's onshore cable route was to identify an economic and efficient cable route corridor (i.e., as close as possible to the grid connection point and in as direct a line from the landfall to the grid connection point as possible) that does not, as far as practicable, give rise to significant adverse environmental impacts including seeking to avoid residential properties and minimise disturbance from construction activities.



We have committed to burying our cables from the landfall to our onshore substation.

Once the cable route has been constructed, land will be reinstated, and agricultural activities will resume.

# Our Onshore Substation



Lincolnshire Node: Viewpoint 1



Weston Marsh North: Viewpoint 2



Weston Marsh South: Viewpoint 3



- Onshore cable corridor
- Refined onshore substation search zones
- Phase 1 onshore substation search areas
- Existing overhead lines
- Viewpoint location

## Our Onshore Substation Search Zones

Until we have a final grid connection secured, we currently have **three onshore substation search zones** to allow a connection to one of the **two different connection points**. Only one of these zones, along with the adopted onshore cable route will be progressed once a final connection point is confirmed.

The identification of the **search zones** has been influenced by a number of key factors such as; proximity to the proposed connection points, flood risk, agricultural land classification (Best and Most Versatile Agricultural Land), proximity to residential areas, visual aspects and other environmental considerations.

## The Onshore substation

The onshore substation will contain the electrical components that are needed to transform and convert the power from the wind turbines to match the power in the National Grid Transmission System. The power will be transferred to the substation via the offshore and onshore underground cables. There will also be a need for a National Grid substation and associated enabling works within the vicinity of the project's onshore substation including 400kV cables between our project substation and that which will be developed by National Grid.

## The 'Maximum Design Scenario'

The Maximum Design Scenario is what we use to be able to assess a "worst case scenario". For the project's onshore substation, the maximum parameters have been defined based on two potential technologies still under consideration, Air Insulated Switchgear (AIS) and Gas Insulated Switchgear (GIS), the type of technology adopted has an impact on the maximum footprints and heights of the onshore substation as can be seen on the drawing below.

## The Onshore Substation Design & Community Consultation

We are dedicated to working with the local community to develop the design of the onshore substation. While there are certain areas of the design that the Project will not be able to consult on or, provide flexibility for as they are driven by technical or other key considerations, there will be a number of key elements that will significantly influence the design, look and presence of the onshore substation that the project propose to design in consultation with the local community. The project therefore propose to develop a design panel in line with their established Community Liaison Groups following confirmation of the project's grid connection location.

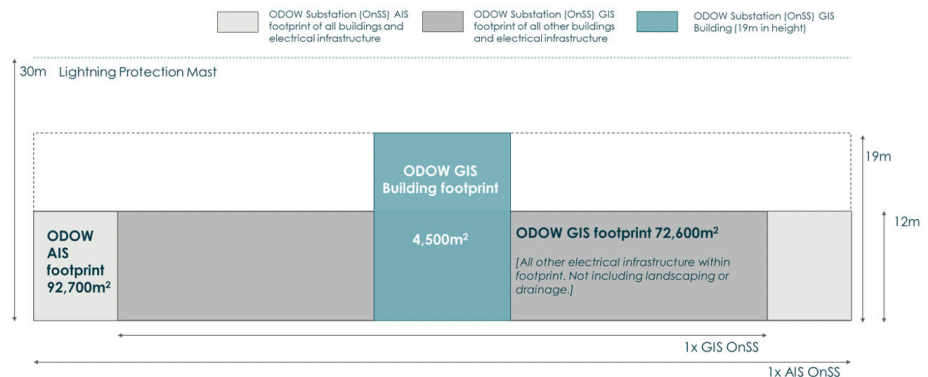
## Our Visualisations

The visualisations shown here illustrate a computer-generated indicative model based upon the maximum design envelope for a GIS substation (shown right). The full set of visualisations for each location are available on the tables in the hall and on our website. Go and take a look, we would be pleased to discuss them with you and take down your feedback.

Take a closer look at our Preliminary Visualisations – they are available on the tables, ask a member of the team if you're unsure!

## Transmission Infrastructure & the onshore substation

The project has confirmed that only a single transmission technology type - High Voltage Alternating Current (HVAC) technology will be used i.e. specifically excluding High Voltage Direct Current (HVDC) technology. By adopting this technology it means a smaller onshore substation will be required, reducing the visual impacts associated with the permanent above ground infrastructure.

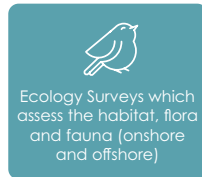


# Managing Impacts

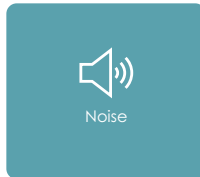
By undertaking detailed survey work we can better understand the current environment, this helps us to design and develop the project with the environment in mind; avoiding or minimising impacts from the outset.



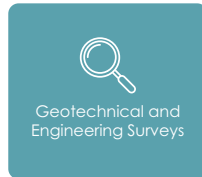
We have been gathering baseline traffic data to help us understand how we can minimise impacts to the local road network, such as our commitment to building a temporary haul road along the entire cable route.



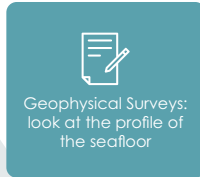
Our ecology surveys are ongoing and once our surveys are complete, any additional mitigation required will be developed in consultation with key environmental stakeholders.



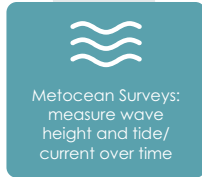
We have been gathering baseline noise data to help us understand how we can minimise impacts to local receptors and we are looking to utilise alternative techniques to lessen our impacts.



We are currently undertaking surveys to help us understand the ground conditions at locations along the cable route. This data will enable better design and refinement of the cable route.



Geophysical Surveys: look at the profile of the seafloor



Metocean Surveys: measure wave height and tide/current over time



Wind Resource Monitoring: measures the speed and direction of the wind



Navigational Surveys



Archaeology (offshore and onshore)

## Delivering Transformational Environmental Change

As well as minimising any adverse environmental impacts of the Project through innovative and environmentally sensitive design, we are committed to pursuing opportunities for **Biodiversity Net Gain** as part of our project. This means that we will aim to leave the natural environment in a better state than before the project.

Working with stakeholders and local communities we will seek to identify opportunities to improve the environment at a local level. For example, by implementing measures to create an improved environment for species and habitats, for the benefit of people and nature. We welcome any feedback or ideas you may have on possible environmental gain in the local area.

## Minimising and Mitigating Environmental Impacts

Environmental Impact Assessment (EIA) is a process which identifies and assesses the potential environmental effects of a development. It informs the design of the Project from both an environmental and social perspective and identifies mitigation measures to minimise and manage the impacts of the project on the surrounding people and environment.

Mitigation is a critical component of the EIA process. It aims to reduce or prevent adverse impacts from happening and to keep those that do occur within an acceptable level. The Project has made a number of key commitments that have been embedded into the Project design, such as:

- **Burying our onshore cables;** We have committed to burying our onshore cables underground all the way from landfall to the onshore substation to mitigate visual impact and to ensure agricultural activities can resume post construction.
- **HDD at the landfall;** The landfall is the area where the offshore export cables will come ashore. The cables at the landfall will be facilitated through the use of **Horizontal Directional Drilling (HDD)** to ensure that the cables will be installed underneath the beach, the dunes, Anderby Marsh Local Nature Reserve and the coastal (Roman Bank) road. The HDD temporary compound will be located on the western side of the coastal road (Roman Bank), ensuring minimal interaction with the beach and the Coastal Country Park.
- **Trenchless techniques;** To avoid impacts where the cable route crosses key watercourses, roads and protected areas, trenchless techniques (such as HDD) will be utilised meaning we will "go under them".
- **Land Drainage;** We appreciate that agricultural land is of key importance to the local area and economy, following consultation with landowners and agents we have committed to using a local land drainage expert to ensure land drainage systems remain operational during and after our works.
- **Haul Road;** To provide access to the onshore cable route, limit damage to agricultural land and reduce construction traffic on the main road network, a temporary haul road, will be installed in its entirety (except where the project has committed to trenchless works only).



# The Application Process

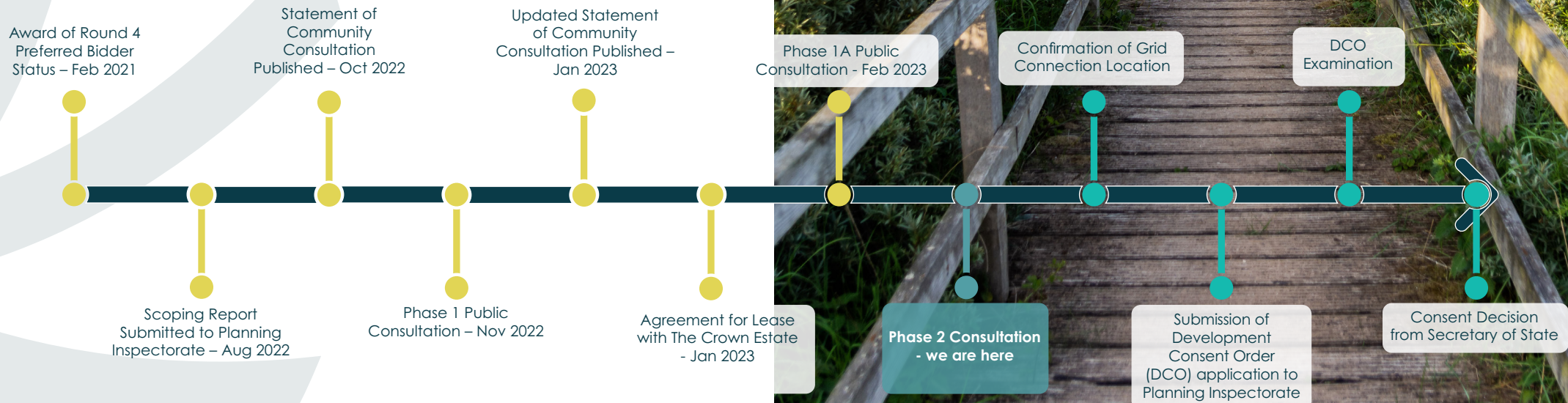
Offshore wind developments of more than 100MW are considered Nationally Significant Infrastructure Projects and require a Development Consent Order (DCO) to build and operate.

The DCO process was created to streamline the consenting of large infrastructure projects and to ensure transparency and facilitate public participation.

The DCO application process will be managed by the Planning Inspectorate and examined by an Examining Authority, which will produce a recommendations report, before a decision is made by the Secretary of State.

The Local Planning Authorities and Marine Management Organisation play an important consultative role in the process.

If granted, the DCO will consent the offshore wind farm, the cables and associated electrical infrastructure as well as the onshore grid connection works (and any other associated development included in the application).





# Helping the UK reach Net Zero

## Outer Dowsing Offshore Wind - delivering a brighter future for people and planet.

The UK Government has ambitious plans to have 50GW of operating offshore wind capacity installed by 2030 – enough to potentially power every home in the UK, delivering home-grown renewable energy and providing increased energy security for the nation.

At 1.5GW, Outer Dowsing Offshore Wind will be one of the UK's largest offshore wind farms upon completion. It is anticipated to generate renewable electricity equivalent to the annual electricity consumption of over **1.6 million households** and will play a critical role in achieving the UK Government's ambition to deliver 50GW of offshore wind by 2030 and **achieve net zero by 2050**.

The Project will displace the equivalent of nearly **2 million tonnes CO<sub>2</sub> emissions per year** of operations through the generation of renewable electricity. **This is the equivalent of removing over 650,000 petrol cars from the road** for the duration of the Project.

Innovation and economies of scale within the offshore wind industry have helped to significantly drive down costs whilst supporting the regeneration of a number of local coastal communities and economies through both the construction and ongoing maintenance of projects.

The offshore wind sector is already making a major contribution to the UK economy, **supporting over 31,000 UK jobs**, both directly in the offshore wind industry, or indirectly through the supply chain companies which manufacture products for the offshore wind industry. By 2030, the offshore wind sector could employ over **97,000 people in the UK**<sup>1</sup>.

Once operational, Outer Dowsing Offshore Wind will be a major part of the Government's plans for providing secure and affordable home-grown energy to British households and industry, accelerating the growth of the UK economy, and eliminating carbon emissions.

The offshore wind industry has a strong track record of innovation, delivery and cost reduction. In the seven years from 2015 to 2022 the cost of electricity from offshore wind farms securing Government-backed production contracts fell by almost 70 per cent. Offshore wind is now among the cheapest forms of new electricity generation in the GB market, along with onshore wind and large-scale solar.<sup>2</sup>

<sup>1</sup>: OWIC Press Release, 13 June 2022 (<https://www.renewableuk.com/news/608235/New-report-shows-jobs-in-UK-offshore-wind-industry-to-grow-to-100000.htm>)

<sup>2</sup>: Electricity Generation Costs, BEIS, August 2020 (p.27)



Up to 1.5GW of clean electricity



Powering over 1.6 million UK households



Displacing nearly 2 million tonnes of CO<sub>2</sub> per year



Equivalent to removing over 650,000 petrol cars from the road



Contributing to Net Zero by 2050



Offshore wind is one of the cheapest forms of new electricity generation

We would like to understand if climate change is an issue that concerns you. Let us know your views.





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OFFSHORE WIND

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OFFSHORE WIND

# GET IN TOUCH

If you would like any more information about Outer Dowsing Offshore Wind then please get in touch at [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

You can call us free of charge on: **0808 175 2970**

You can write to the Project free of charge at:

**FREEPOST ODOW**

(no stamp or further address details needed on the envelope)

Visit our website: [www.outerdowsing.com](http://www.outerdowsing.com)

## Annex 5.1.9G Feedback Form

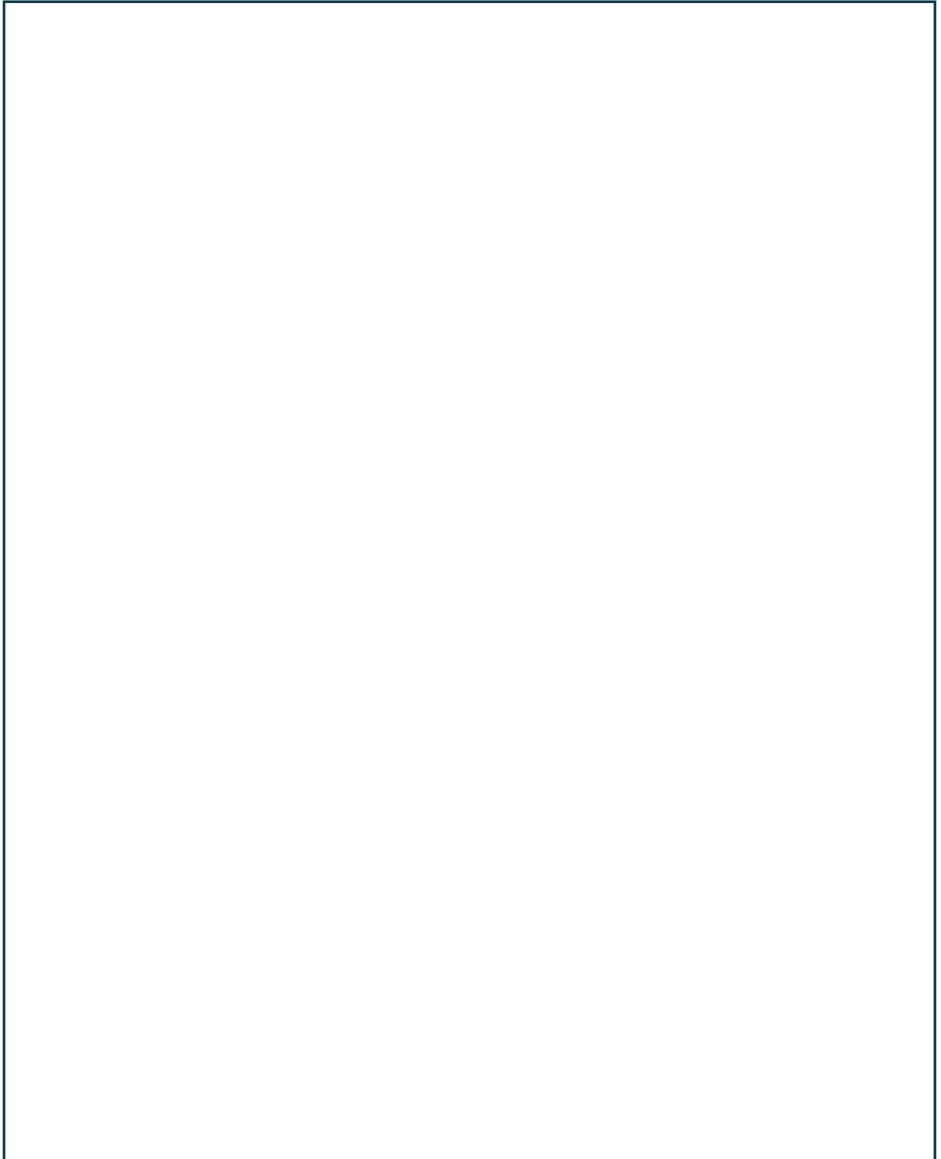


**Outer Dowsing Offshore Wind  
Phase 2 Consultation**

**Feedback Form**

## **Outer Dowsing Offshore Wind Phase 2 Consultation**

After you have spoken to the team and/or viewed the exhibition we would appreciate your feedback on our proposals:

A large, empty rectangular box with a thin black border, intended for providing feedback on the proposals.

We wish to continuously improve the way in which we consult.

Do you feel that you have been given...

- Too much information
- Just the right amount of information
- Not enough information

What could we do better?

What have we done well?

You can also feedback on our Phase 2 consultation online until the 21st of July 2023 at

**[www.outerdowsing.com](http://www.outerdowsing.com)**



## Stay in touch with Outer Dowsing Offshore Wind

If you would like to be kept updated on the project, please share your details below:

Full name:

Address or Postcode:

Email:

All data collected will be managed in line with GDPR



## **Annex 5.1.9H Project Update on National Grid Confirmation of Connection Option Location**

# Outer Dowsing Offshore Wind

Project Update



Summer 2023



**OUTER  
DOWSING**  
OFFSHORE WIND

# Outer Dowsing Offshore Wind

**We are writing to you to update you on the Outer Dowsing Offshore Wind Project, a proposed offshore wind farm located 33 miles (54km) off the coast of Lincolnshire. Outer Dowsing Offshore Wind is being developed by Corio Generation, TotalEnergies and Gulf Energy Development who have put together a team of experts with decades of experience in offshore wind to ensure that we deliver the project to the highest standard.**

We see great value in local knowledge and are committed to working with local communities and stakeholders.

This summer we held consultation events across South Holland, Boston and East Lindsey to help us deliver the project in the most socially and environmentally sensitive way. Over 400 people attended five consultation events and many more have sent in their feedback. We will provide a summary of the consultation in our newsletter later this year. To sign up for this please email [contact@outerdowsing.com](mailto:contact@outerdowsing.com).

We hope you find this information useful. if you have any questions or comments, please do not hesitate to contact us using the contact information on the back of this leaflet.



# Update on the Grid Connection

Following the Holistic Network Design (HND) that was published in July 2022, The National Grid Electricity System Operator (NGESO) have now completed a follow up appraisal of the Lincolnshire Node (East of Alford) and Weston Marsh connection options for Outer Dowsing Offshore Wind.

Subsequent to the follow up appraisal by NGESO in collaboration with the Transmission Owner, National Grid Electricity Transmission (NGET), and Outer Dowsing Offshore Wind, we are able to confirm that we will no longer pursue the Lincolnshire Node connection option for the Outer Dowsing Offshore Wind project. We will continue development activities at the remaining two potential study areas for the substation location, one in the Surfleet Marsh area (previously referred to as Weston Marsh North) and one in the Weston Marsh area (previously referred to as Weston Marsh South).

Outer Dowsing Offshore Wind will take the feedback gained in the Phase 2 consultation and work with NGET, as it carries out further design assessments in the area, to prepare for a consultation in the Autumn to help inform the design for our final consent application.



Based on the outcome of surveys and consultations, we can also confirm that we will reach the connection point via the cable route labelled 1a (the route further away from the coast, north of the A52). Outer Dowsing will cease development activities along the cable route 1 option (the route closer to the coast, south of the A52).

Over our previous rounds of consultation, we have communicated with thousands of households as well as MPs, councillors and other consultees. In the coming months we will publicise our autumn consultation to help further refine a more detailed design that will be incorporated into our final consent application.



**OUTER  
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OFFSHORE WIND



## Contact Us

Our phase 2 consultation period ended on July 21st 2023, but we are always happy to receive your feedback. You can contact us in the following ways:

Email: [contact@outerdowsing.com](mailto:contact@outerdowsing.com)

Call our Freephone information line: **0808 175 2970**

You can write to the Project free of charge at:

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