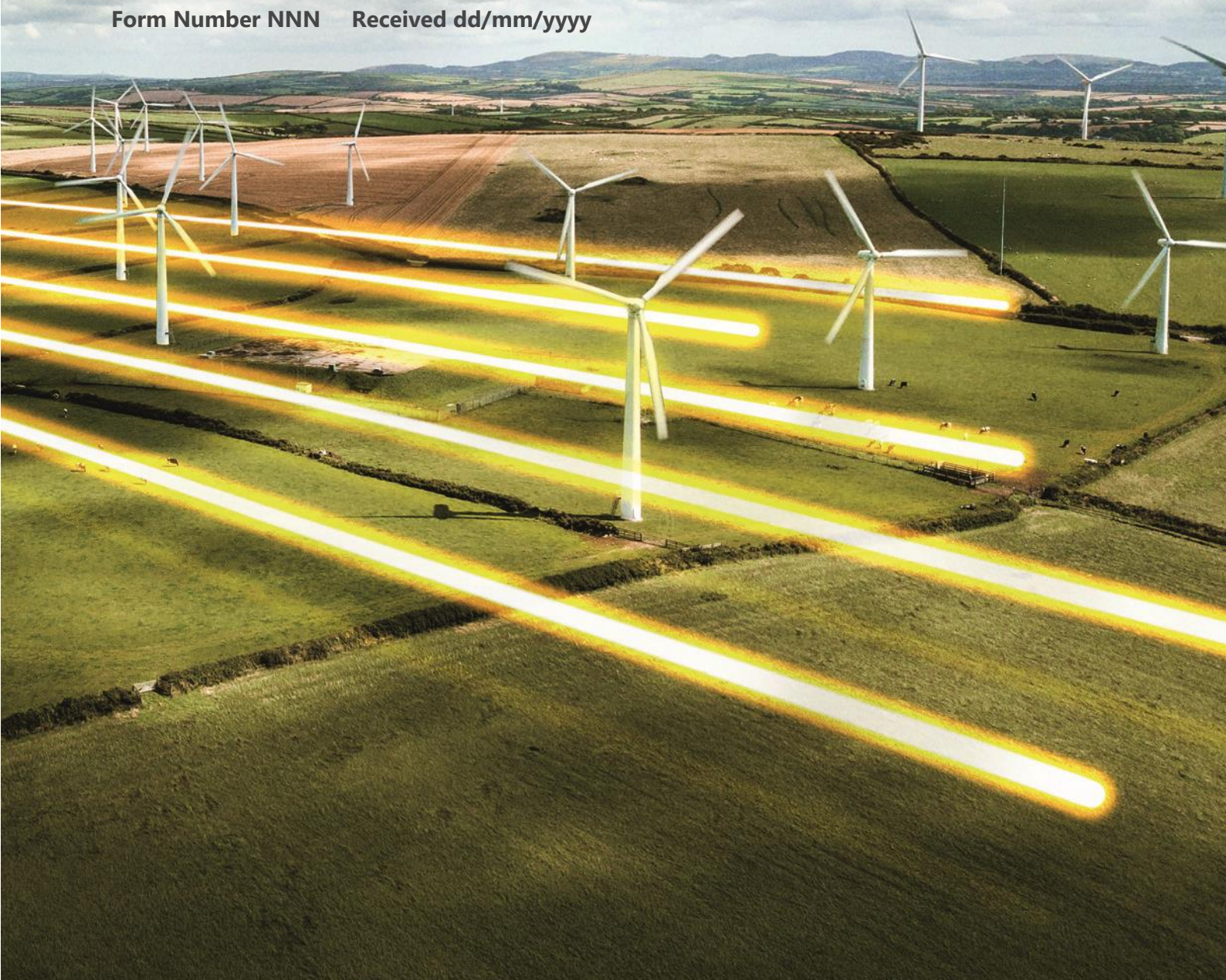


Holistic Network Design

Impact Assessment Form

February 2024

Form Number NNN Received dd/mm/yyyy



1. Introduction

Purpose and structure of this document

This document presents an impact assessment form that needs to be completed by transmission owners (TOs) and / or offshore wind developers when they see benefits in alternative designs to the Holistic Network Design (HND) recommendations¹, as part of the Detailed Network Design (DND) process. Any modifications should support the delivery of the HND proposed design and align with its core purpose of connecting customers in a coordinated fashion while delivering network benefit.

The form has the following four sections:

- 1. Impact assessment request**, that needs to be completed by the party that has identified the change (lead party) as well as parties that may be impacted by the change (affected parties),
- 2. Impact evaluation**, that needs to be completed by the lead party as well as affected parties (if any) and ESO (separately),
- 3. Impact assessment**, that needs to be completed by ESO and potentially other external parties; the ESO will assess the proposed design change against the four design objectives (economic & efficient costs, deliverability & operability, environmental impact, and local communities impact) which will be considered on an equal footing,
- 4. Appendix –** This section may be populated by the lead party and / or affected parties to provide additional supporting evidence, and / or descriptions of attachments that may accompany this form.

Examples of supporting evidence can be found below (note that the list is not exhaustive):

- Meeting notes e.g., from engagement with external stakeholders (suppliers, equipment manufacturers, etc.)
- Correspondence with SNCBs (Statutory Nature Conservation Bodies), where necessary
- Environmental surveys, assessments or reports
- Communications with local authorities and other local associations
- Shapefiles and/or maps showing the changes (if geographical)
- Community stakeholder reports
- Consulting or other third-party reports

Mandatory fields are highlighted in **blue**.

Supporting evidence can be provided in the relevant sections below (see Section 3) and / or as attachments to the impact assessment form submission. If attachments are used, please provide brief descriptions of the documents attached in the Appendix. The ESO reserves the right to request additional information, if necessary, i.e., detailed analysis supporting findings / conclusions presented in the form.

Please keep your responses to the questions succinct. If space within mandatory fields is not sufficient to develop your responses, please use the Appendix section (Section 4). If the 10-page limit in the Appendix is not sufficient, please refer to external documents and provide those in the form of an attachment to the form submission. Please also note that the assessment will be against

¹ <https://www.nationalgrideso.com/document/262676/download>

any changes to the benefits / impacts from the HND recommendations as a result of the proposed changes.

Please ensure that all parties have provided permission for their information to be shared with the ESO. Subject to any confidentiality restrictions, in addition to capturing this information within the ESO, we will share this information with the Department for Energy Security and Net Zero (the Department), Ofgem and HND Environmental Subgroup (ESG) members to allow for any trends to be tracked for relevant processes.

Once the form has been submitted, the ESO will confirm receipt and whether the form can be assessed (i.e. if all mandatory fields have been filled in correctly). We currently anticipate the impact assessment process (from form submission to outcome communication) will take between 4-6 weeks. This timeline is indicative and will depend on the volume of requests received as well as the materiality of changes proposed.

The form should be returned via email to box.OffshoreCoord@nationalgridESO.com

2. Definitions of key terms

Affected party – Parties potentially impacted by proposed design change (may include developers, TOs or other electrically-connected parties within the same region / cluster)

DND – Detailed Network Design

HND – Holistic Network Design

HNDFUE – Holistic Network Design Follow Up Exercise

Lead party – Developer / TO submitting the impact assessment form

TEC – Transmission Entry Capacity

3. The form

Please fill in all **mandatory fields**. You can provide additional supporting evidence in the Appendix (Section 4).

1. Impact assessment request		
Name (First and last name):	Email (Email address):	
Role (Current position within organisation):	Date (dd/mm/yyyy):	
Organisation (Name of organisation):	Mobile number (optional):	
Project name (Project the request is related to):	Names of organisations involved in the project:	
Who is writing the DND? (Name of organisation):	Start Date:	End Date:
Description of change (max 300 words):		
Type of change (select all that apply): <ul style="list-style-type: none"> <input type="checkbox"/> Interface point <input type="checkbox"/> Cable capacity <input type="checkbox"/> Cable length <input type="checkbox"/> Network topology changes (e.g., significant modification to coordination level) <input type="checkbox"/> Technology / equipment (e.g., DC to AC) <input type="checkbox"/> Other, not listed above If other, please specify:		
Reason for change (max 500 words):		

Does this form include any confidential information?

- Yes
- No

If yes, please specify *(add references to pieces of information and / or documents that constitute confidential information)*:

Does the proposed change impact other parties (i.e. affected parties)?

- Yes
- No
- N/A

If yes, please specify *(add names of organisations and briefly describe how they might be affected below)*:

All of the parties included in the submission are affected.

Please confirm that all affected parties have been consulted as part of this impact assessment submission

- Yes
- No

Please provide a summary of the discussions you had with affected parties (the lead party is responsible for engaging with affected parties).

For each organisation identified above, please specify:

Name:	Organisation:
Role:	Email:
Name:	Organisation:
Role:	Email:

ESO

Name:	Organisation:
Role:	Email:
Name:	Organisation:
Role:	Email:
Name:	Organisation:
Role:	Email:

2. Impact evaluation	
A. Impact on design objectives	
Objective	ESO Assessment ² (please leave blank for ESO to fill in)
I. Cost to consumers (economic and efficient)	
II. Deliverability and operability	
III. Impact on the environment	
IV. Impact on local communities	

Please describe how the proposed change would impact each of the four design objectives listed above (max. 500 words. If more space is required to develop your responses, please use the Appendix. Please make reference to the factors assessed in the HND methodology so relevant information can be used in the ESO's assessment and please reference details of analysis already conducted and/or conclusions that have been drawn.)

Please see appendix for the pros and cons of each category vs the design objectives

Note: All four design objectives will be weighted equally.

² ESO will independently assess the impact assessment request following the HND methodology (<https://www.nationalgrideso.com/document/239466/download>)

B. Impact on onshore network infrastructure

Would the proposed change impact the onshore network?

Yes

No

If yes, please specify how and what those impacts are:

C. Onshore network environmental and community impact appraisals

If yes to the previous question, would the proposed change require modification of existing onshore appraisals or the creation of new appraisals*?

Yes

No

If yes, please specify which changes and submit the onshore appraisals as part of the appendix:

*If changes to existing or new ones are required, please can this be attached to the submission. If they are missing, the ESO will carry out this appraisal as per the HNDFUE methodology for onshore works and will utilise this information as part of the final recommendation. If the ESO are to carry out the appraisal, the following information must be provided by the applicant (if not already stated above):

Location of onshore network changes (start and end point):

Nature of onshore network change e.g. new circuit, reconductoring etc.:

D. Offshore network environmental and community impact appraisals

Would the proposed change require modification of existing offshore appraisals or require new appraisals*?

Yes

No

If yes, please specify which changes and submit the offshore appraisals as part of the appendix:

*If changes to existing or new ones are required, please can this be attached to the submission. If they are missing, the ESO will carry out this appraisal as per the HNDFUE methodology for offshore works and will utilise this information as part of the final recommendation. If the ESO are

to carry out the appraisal, the following information must be provided by the applicant (if not already stated above):

Location of new interface or connection point (if applicable):

Cable technology, including number of trenches per connection:

Any specific requirements for routeing e.g. particular landfall location, offshore route etc:

E. Other wider impacts

Would the proposed change have any other wider impacts (not considered above)?

- Yes
- No
- Do not know

If yes, please specify (max 150 words):

3. Impact assessment (ESO to populate)	
Name:	Date:
Name:	Date:
Name:	Date:
<p>Have all appropriate leads been consulted?</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>	
Teams consulted:	

<p>Approved:</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> Yes, subject to caveats (listed below)</p> <p><input type="checkbox"/> No</p> <p>Caveat(s):</p>
<p>Justification for recommendation:</p>
<p>Stakeholders informed of recommendation:</p>

Actions and owners:
Comments:
ESO sign off
Sign off date:
Has agreed process been followed? (<i>Governance forum member to populate, details TBC</i>) <input type="checkbox"/> Yes <input type="checkbox"/> No Comment: Name:

Date:
Has agreed process been followed? (<i>Governance forum member to populate, details TBC</i>)
<input type="checkbox"/> Yes
<input type="checkbox"/> No
Comment:
Name:
Date:

4. Appendix
Please provide any additional, supporting evidence that may be relevant (up to 10 pages). <i>Where relevant, please make reference to the factors assessed in the HND methodology so relevant information can be used in the ESO's assessment and please reference details of analysis already conducted and/or conclusion that have been drawn.</i>