

Where redactions have been made the exception used has been made clear. Where no exception clause was given this is under regulation 11 and is personal information that has been redacted.

Document 1: Submission to Cabinet Secretary for Net Zero, Energy and Transport

From: [Redacted]
Electricity Networks and Regulation
Energy and Climate Change
23 June 2022

Cabinet Secretary for Net Zero, Energy and Transport

Purpose

1. To bring to your attention plans for the publication of National Grid ESO's Holistic Network Design for Offshore wind and updated Network Options Assessment

[Redacted – Out of Scope]

[Redacted – Regulation 10(4)e – policy formation]

[Redacted – Out of Scope]

Recommendations

17. It is requested that you:
 - Note the contents of this submission

Official Response to Draft Holistic Network Design for Offshore Wind

[Redacted]
National Grid ESO
Faraday House
Warwick Technology Park
Gallows Hill
Warwick, CV34 6DA

Dear [Redacted]

The Scottish Government welcomes the opportunity to share comments on the recent publication of the draft Holistic Network Design (HND) for offshore wind. This marks an important milestone and I value the efforts that you and your team have made to include 10.7GW of ScotWind capacity.

[Redacted – Out of Scope]

Visibility of this information will be welcome news for many developers and following their detailed feedback confirmation of the HND in June will allow project development activities to proceed.

However, this also brings with it the need for further detail and several questions need to be addressed if we are to fully realise the benefit of this work. This includes, but is not limited to the following:

- how securities and liabilities will be allocated across projects that form coordinated connections?
- A number of connection arrangements would see generators connecting into multiple transmission charging zones. What TNUoS tariff will generators be expected to pay where that is the case?
- **[Redacted – Out of Scope]**

I look forward to our continued engagement and I await your response to the questions raised above.

Regards,

[Redacted]

[Redacted]
Electricity Networks and Regulation
09 March 2022

Copy List:	For Action	For Comments	For Information		
			Portfolio Interest	Constit Interest	General Awareness
Cabinet Secretary for Net Zero, Transport and Energy			X		

DG Economy
 Kersti Berge
 [Redacted]
 Andy Hogg
 [Redacted]
 DECC operations
 [Redacted]

Document 2

Subject	RE: Offshore Transmission - DA's Roundtable
From	[Redacted]
To	Kersti Berge
Cc	[Redacted]
Sent	28 June 2022 09:56

Hello Kersti,

The HND doc is quite large – you can access on ERDM via this link [Electricity - OTNR - HND Publication - 200622 details - Objective ECM \(scotland.gov.uk\)](#)

I can cover off some of the follow-up questions now

- **How did the ESO ‘choose’ which Scotwind projects were part of the June HND and which would come later?** The ESO included capacity in each of the broad regions identified in the Sectoral Marine Plan for Offshore Wind Energy. The capacity was allocated based on the existing connection management process which is codified in the CUSC. Ultimately this means that projects were allocated in to HND1 based on the date that they applied for connection.

[Redacted under regulation 10(4)e – internal communication]

I will follow up on the timeline request

Best regards

[Redacted]

From: Berge K (Kersti) <Kersti.Berge@gov.scot>

Sent: 27 June 2022 20:47

To: [Redacted]

Cc: [Redacted]

Subject: RE: Offshore Transmission - DA's Roundtable

[Redacted],

[Redacted – Out of Scope]

[Redacted under 10(4)e – Internal communication relating to HND]

Thanks,
k

[Redacted – Out of Scope]

Document 3

Subject	RE: Query - investment figure for infrastructure in Scotland
From	[Redacted]
To	[Redacted]
Sent	31 August 2022 10:44

Hello [Redacted],

Many thanks for sending this information through.
Very helpful. Thanks.

From: [Redacted]
Sent: 23 August 2022 09:08
To: [Redacted]
Subject: RE: Query - investment figure for infrastructure in Scotland

Hi [Redacted]

so the figure quoted for GB is £21.7bn of the total cost of projects in GB needed on or before 2030. Looking at just the figures in Scotland:

£11.9bn is from reinforcements that involve Scottish Transmission Owners (TOs: SPT or SSEN). Note that some of these options do cross the border into England and are joint projects with NGET (such as the Eastern HVDC Links), so this value is higher than the work required uniquely in Scotland. Looking at projects that are exclusively for Scottish TOs (so excluding the Eastern HVDC Links for example), the total is **£4.2bn**. Note that this value will therefore be lower than the actual work required in Scotland.

Note that these values are **not** in present value.

These numbers above are purely for the onshore network reinforcements, and do not include the offshore network breakdown. Hopefully that is what you were after. Please let us know if that is not the case.

Kind regards,

[Redacted]
Economics Engineer
Network Development | Economic Assessment
nationalgridESO
Warwick Technology Park, Gallows Hill, Warwick CV34 6DA

From: [Redacted]
Sent: 22 August 2022 10:14
To: [Redacted]
Subject: RE: Query - investment figure for infrastructure in Scotland

Hi [Redacted],

Yes, we have the breakdown by projects so we can sort out a Scotland figure for you. [Redacted] are you able to sort out the data for [redacted], please?

Thank you, [Redacted]

[Redacted]
Strategic Network Development Senior Manager
nationalgridESO

From: [Redacted]**Sent:** 22 August 2022 09:15
To: [Redacted]
Subject: Query - investment figure for infrastructure in Scotland

Dear [Redacted]

Please could I ask for a favour? Our Scottish Government colleague, [Redacted] (Cc) – whom you met in Glasgow, had a query on investment figures following the NOA refresh. Please would it be possible for one of your team to help him find the information he is looking for?

Specifically – [Redacted] is looking for the investment figure for infrastructure in Scotland following the NOA refresh – he can't seem to put his finger on the most recent number– would you be able to point him in the right direction?

Regards

[Redacted]

[Redacted – Out of Scope]

Document 4

Subject	RE: Update on Holistic Network Design for Offshore Wind
From	[Redacted]
To	[Redacted]
Cc	[Redacted]
Sent	24 June 2022 09:21
Attachments	<<HND press release - DRAFT AND CONFIDENTIAL CLEAN 200622.docx>> See Document 5

[Redacted – Out of Scope]

From: [Redacted]

Sent: 24 June 2022 08:59

To: [Redacted]

Cc: [Redacted]

Subject: RE: Update on Holistic Network Design for Offshore Wind

[Redacted – Out of Scope]

From: [Redacted]

Sent: 24 June 2022 08:54

To: [Redacted]

Cc: [Redacted]

Subject: RE: Update on Holistic Network Design for Offshore Wind

Thanks [Redacted]

[Redacted under 10(4)e Internal Communication]

Thanks

From: [Redacted]
Sent: 23 June 2022 16:05
To: [Redacted]
Cc: [Redacted]
Subject: RE: Update on Holistic Network Design for Offshore Wind

[Redacted – Out of Scope]

From: [Redacted]
Sent: 23 June 2022 14:50
To: [Redacted]
Cc: [Redacted]
Subject: FW: Update on Holistic Network Design for Offshore Wind

Hi [Redacted]

[Redacted under 10(4)e Internal Communication]

From: [Redacted]
Sent: 23 June 2022 10:22
To: Cabinet Secretary for Net Zero, Energy and Transport <CabSecNetZET@gov.scot>
Cc: DG Economy <DGEconomy@gov.scot>; Berge K (Kersti) <Kersti.Berge@gov.scot>; Black W (William) <William.Black@gov.scot>; [Redacted] Hogg A (Andrew) <Andrew.Hogg@gov.scot>; [Redacted]
Subject: Update on Holistic Network Design for Offshore Wind

CabSec/ PO,

Please see attached brief to provide you with an update on the National Grid ESO's plans to publish its Holistic Network Design (HND) and updated Network Options Assessment (NOA) on the 30th June. Combined, these publications will provide a blueprint of the infrastructure investment required to meet 2030 targets.

[Attached file is Document 1]

[Redacted – Out of Scope]

Best regards

[Redacted]



Document 5 HND press release

This was an attachment to document 4. This was not released under r 6(1)b as it is already available at [ESO publishes Pathway to 2030 – major step to deliver 50GW of offshore wind by 2030 | ESO \(nationalgrideso.com\)](#)