Grid Code Review Panel

Thursday 30 May 2024

Faraday House

WELCOME

Purpose of Panel & Duties of Panel Members

The **Panel** shall be the standing body to carry out the **functions** referred to in the Governance Rules **(GR3.1.1)**

Functions (GR.3.2)

The **Panel** shall endeavour at all times to operate:

- in an **efficient, economical and expeditious manner**, taking account of the complexity, importance and urgency of particular Modification Proposals; and
- With a view to ensuring that the **Grid Code** facilitates **achievement of the Grid Code Objectives**.

Duties of Panel Members & Alternates (GR.3.3)

1. Shall act **impartially** and in accordance with the requirements of the **Grid Code;** and
2. Shall not have any **conflicts of interest.**

   Shall not be representative of, and shall act without undue regard to the particular interests of the persons or body of persons by whom he/she was appointed as Panel Member and any Related Person from time to time.

Approval of Panel Minutes

Approval of Panel Minutes from the Meeting held
25 April 2024

Action Log

Action No.	Status	Action	Date raised	Owner	Due	Comments and Updates
451	Propose to close	ESO to provide overview of HND to Grid Code Panel	23/11/2023	TB	25/04/2024	The HND team recommend this is done at the May Panel meeting as they are to publish a large piece of work in March (tCSNP2).
455	Propose to close	Provide overview of EBR process to Grid Code Review Panel	25/04/2024	JW	30/05/2024	RP/SW to provide EBR update at May Grid Code Review Panel meeting.

Chair’s Update

Authority Decisions and Update

System Test Plan decision received on 29 April 2024, this will be implemented on 04 June 2024.

The Authority's publication on decisions can be found on their website below:
https://www.ofgem.gov.uk/publications/code-modificationmodification-proposals-ofgem-decision-expected-publication-dates-timetable

New modifications submitted

Self-Governance

GC0171 - Improving the clarity and transparency of the Compliance Process for Small Generators with a Bilateral Embedded Generator Agreement (BEGA)

Grid Code Review Panel – 30th May 2024

ESO

GC0171 - Improving the clarity and transparency of the Compliance Process for Small Generators with a Bilateral Embedded Generator Agreement (BEGA) – **The Issue?**

This issue relates to the compliance process for Embedded Small Power Stations which have a Bilateral Embedded Generation Agreement (BEGA) irrespective of the type of Power Generating Module within that Power Station. The rest of the slide pack refers to Type C and Type D Power Generating Modules where there is a request for a BEGA as these are the most common types of Power Generating Module assessed by the ESO.

ECP.6 and ECP.7 refers to provisions in relation to the issue of an Interim Operational Notification (ION) and Final Operational Notification (FON) respectively for a Power Station consisting of Type C and Type D Power Generating Modules (PGM)

- ECP.6 lists the items for submission which includes but not limited to planning code data, simulation studies as per ECC/ECP etc. prior to issue of the Interim Operational Notification
- ECP.7 lists the items for submission which includes but not limited to planning code data, test results as per ECC/ECP, controller model validation (PC) etc. prior to issue of the Final Operational Notification,
- When the requirements of ECP.6 and ECP.7 have been met to The Company's satisfaction, an ION and FON can be issued.

An Embedded Small Power Station may comprise of Type C or Type D Power Generating Modules. However, Embedded Small Power Stations are generally excluded from the scope of Connection Conditions (CC.3.1), European Connection Conditions (ECC.3.1), Compliance Processes (CP.3), European Compliance Processes and Planning Code (PC.3.2(d))

- An Embedded Small Power Station undergoes ENA G99 compliance as per RfG which is in scope of the Distribution Network Operator (DNO). The technical requirements between ENA G99 and the Grid Code are very similar with only minor differences*. Generators in respect of Embedded Small Power Stations may decide to have a Bilateral Embedded Generator Agreement (BEGA) which enables the User to participate in the Balancing Market
- **In view of this, the Grid Code is misleading as it would require Type C/D PGMs in Embedded Small Power Stations to go through full Grid Code compliance. This has raised concerns from Small BEGA customers that they may have to duplicate the compliance process and this may result in delays in entering the Balancing Market. This prompts ESO Engineers to assess the Small BEGA technical compliance which the DNOs are already assessing, causing duplication of efforts leading to delays in issuing Operational Notifications**.

*Whilst some minor differences are to be addressed as part of separate Grid Code Modification, which will be a joint Grid Code / Distribution Code Workgroup, GC0171 is not dependant on this future modification.

A change to Engineering Recommendation G99 has also been proposed to ensure the ESO can obtain the completed Power Generating Module Document (PGMD) from the Generator along with a confirmation from the relevant DNO of the compliance status of the Generator's PGMD, in order to reflect the process that has now been adopted between the ESO and DNOs.

GC0171 - Improving the clarity and transparency of the Compliance Process for Small Generators with a Bilateral Embedded Generator Agreement (BEGA)

Why Change?

The purpose of the ESO Interim/Final Operational Notification is to allow a Generator to use the National Electricity Transmission System and operate their assets in accordance with the Grid Code obligations and requirements of the Bilateral Agreement.

An Embedded Small Power Station, due to its small size (below 50MW in E&W, 30MW in the South of Scotland, and 10MW in the North of Scotland) has very little impact on the National Electricity Transmission System and are monitored by relevant the Network Operator. Embedded Small Power Stations would fulfil the technical requirements in accordance with G99 which the Network Operator ensures by issuing their Operational Notifications.

The main reason a Generator in respect of an Embedded Small Power Station signs a Bilateral Agreement (Small BEGAs) is to participate in the Balancing Mechanism.

Going forward, ESO will utilise the compliance confirmation from the Network Operator that a Generator in respect of an Embedded Small Power Station has undergone technical compliance as per G99. This would prevent duplication of compliance efforts for the ESO, as well as for the Generator.

However, the ESO shall be responsible for assessing compliance with ECC.6.5, ECC.7.9, ECC.7.10 and ECC.7.11 requirements that allows a Small Generator to participate in the Balancing Mechanism, ensure provision of System Restoration requirements and compliance of the additional requirements that are in the Bilateral Agreement but not in G99.

The proposed solution will improve the clarity and transparency around the Compliance Process for Small BEGA Customers which would clearly outline the scope and responsibilities between relevant stakeholders in the compliance process. **This is a process that has already been adopted between the ESO and DNOs for existing and prospective Small BEGA Customers.**

This modification does not propose any changes to the current compliance processes for Embedded Medium and Embedded Large Power Stations which is already documented in the Grid Code. This modification would not be retrospective to those parties who already have a BEGA.

What is the proposed solution?

It is proposed to introduce new definitions of ESO ION (Interim Operational Notification), ESO FON (Final Operational Notification) and ESO LON (Limited Operational Notification) for future Generators in respect of Embedded Small Power Stations with a BEGA, where the requirements and purpose of these definitions will be clearly outlined. Separate definitions are proposed to be introduced for Generators caught by the requirements of Connection Conditions and Compliance Processes.

These new definitions will reflect that the ESO is issuing the notification to confirm that only the compliance activities necessary for the Generator to participate in the Balancing Mechanism and any additional compliance requirements (either specified in the Grid Code (e.g. Restoration) or detailed in the Bilateral Agreements have been performed with all other compliance activities being completed by the relevant Network Operator.

Proposed Grid Code Amendments – European Compliance Processes

Type C

- ECP.6.2.6 : Add additional text: For **Embedded Small Power Stations** with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY, the requirements of ECP.6.2.10 shall apply.

- ECP.6.2.10 : In relation to a **Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY**,** prior to **The Company** issuing an '**Interim-Balancing Compliance Notification**', the **Generator** shall submit to **The Company** the following documents:
  i. A **FON** from the relevant **Network Operator** (as applicable)
  ii. A copy of the **Power-Generating Module Document** along with the confirmation from the relevant **Network Operator** on the compliance status of the **Generator's Power-Generating Module Document** in accordance with **Engineering Recommendation** G99
  iii. Document(s) demonstrating compliance with ECC.6.5, ECC.7.9, ECC.7.10 and ECC.7.11 of the Grid Code and Bilateral Agreement.

  which shall be to **The Company's** satisfaction.

Type D

- ECP.6.3.6: Add additional text: For **Embedded Small Power Stations**, with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY, the requirements of ECP.6.3.10 shall apply.

- ECP.6.3.10 : In relation to a **Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY, prior to **The Company** issuing an '**Interim-Balancing Compliance Notification**', the **Generator** shall submit to **The Company** the following documents:
  i. A **FON/ION** from relevant **Network Operator** (as applicable)
  ii. A copy of the **Power-Generating Module Document** along with confirmation from the relevant **Network Operator** on the compliance status of the **Generator's Power-Generating Module Document** in accordance with **Engineering Recommendation** G99
  iii. Document(s) demonstrating compliance with ECC.6.5, ECC.7.9, ECC.7.10 and ECC.7.11 of the Grid Code and Bilateral Agreement

  which shall be to **The Company's** satisfaction.

- ECP.7.4 : New clause to be added to ECP.7.4 - In relation to a **Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY, **The Company** shall issue a **Final-Balancing Compliance Notification** provided the following requirements are fulfilled
  i. The relevant **Network Operator** has issued a **Final Operational Notification** to a **Generator** in respect of an **Embedded Small Power Station;** and
  ii. All the unresolved items (if any) on the **Interim-Balancing Compliance Notification** are fulfilled to **The Company's** satisfaction

- ECP.9.1: Add following text:

  (v) **The Company** becomes aware that a **Generator's** ability in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY, to meet any provisions of the **Grid Code**, or where applicable the **Bilateral Agreement** is not fully available then **The Company** shall issue a **Limited-Balancing Compliance Notification**.

Proposed Grid Code Amendments – Compliance Processes (Pre RfG Compliant Plant caught by CP)

During the Grid Code Review Panel presentation in April 2024, a question was raised in relation to a scenario where a Generator in respect of a pre-RfG Small Embedded Power Station that has gone through Engineering Recommendation, G59, and now applies for a BEGA. The proposed changes to the European Compliance Processes does not cover this situation as the Generator is not bound by the European Compliance Processes and there is no compliance process in G59.

The proposed additions to the Compliance Processes seek to cover this scenario:

CP3.4: This **CP** does not apply to **GB Generators** in respect of **Embedded Small Power Stations** which have a **Bilateral Embedded Generation Agreement** with **The Company**. **The Company** will however need to ensure that **GB Generators** in respect of **Embedded Small Power Stations** which have a **Bilateral Embedded Generation Agreement** and a **Completion Date** on or after DD-MM-YYYY shall be capable of meeting the requirements of CC.6.5, CC.7.9, CC.7.10 and CC.7.11 of the Grid Code and the requirements of the **Bilateral Agreement**. **The Company** shall notify such **GB Generators** of their compliance with these requirements through the issue of a **GB Code User Interim-Balancing Compliance Notification** with full compliance being confirmed by **The Company** through the issue of a **GB Code User Final-Balancing Compliance Notification.**

Proposed New Definitions – (RfG Compliant Plant caught by ECP)

The "Glossary and Definitions" section will also be updated to include '**Interim-Balancing Compliance Notification**' (I-BCN), '**Final - Balancing Compliance Notification**' (F-BCN), and '**Limited - Balancing Compliance Notification**' (L-BCN)

Interim – Balancing Compliance Notification (replacing ION for Small BEGAs) :

A notification from **The Company** to an **EU Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** with **The Company,** with a **Completion Date** on or after DD-MM-YYYY, acknowledging that the **EU Generator** has demonstrated compliance, except for the **Unresolved Issues**, with

(a) **Engineering Recommendation** G99 as required by the relevant **Network Operator**
(b) The relevant sections of the Grid Code and **Bilateral Agreement**

Final - Balancing Compliance Notification (replacing FON for Small BEGAs) :

A notification from **The Company** to an **EU Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** with **The Company,** with a **Completion Date** on or after DD-MM-YYYY, confirming that the **EU Generator** has demonstrated compliance:

(a) with **Engineering Recommendation** G99 supported by the **Final Operational Notification** from the relevant **Network Operator**
(b) with the relevant sections of the Grid Code as applicable, and
(c) with the **Bilateral Agreement**,
And completion of all the items in the schedule of **Unresolved Issues** to **The Company**'s satisfaction.

Limited - Balancing Compliance Notification (replacing LON for Small BEGAs) :

A notification from **The Company** to an **EU Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** with **The Company,** with a **Completion Date** on or after DD-MM-YYYY, stating that the **EU Generator's Plant** and/or **Apparatus** specified in such notification may be, or is, unable to comply:

(a) with the relevant provisions of the Grid Code and **Bilateral Agreement**; and/or
(b) in accordance with ECP.9.1 (ii) of the Grid Code, upon receipt of notification from the **Network Operator** concerning an **EU Generator** failing to meet the requirements of **Engineering Recommendation** G99 or any provisions of the Grid Code, or where applicable **Bilateral Agreement**

Proposed New Definitions

The “Glossary and Definitions” section will also be updated to include ‘**GB Generator Interim – Balancing Compliance Notification**’, and ‘**GB Generator Final-Balancing Compliance Notification’**

GB Generator Interim – Balancing Compliance Notification:

A notification from **The Company** to a **GB Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** with **The Company,** with a **Completion Date** on or after DD-MM-YYYY, acknowledging that the **GB Generator** has demonstrated compliance, except for the **Unresolved Issues**:-

(a) with the relevant sections of the Grid Code as applicable, and

(b) with the **Bilateral Agreement**.

GB Generator Final-Balancing Compliance Notification:

A notification from **The Company** to a **GB Generator** in respect of an **Embedded Small Power Station** with a **Bilateral Embedded Generation Agreement** with **The Company,** with a **Completion Date** on or after DD-MM-YYYY, confirming that the **GB Generator** has demonstrated compliance:

(a) with the relevant sections of the Grid Code as applicable, and

(b) with the **Bilateral Agreement**,

and completion of all the items in the schedule of **Unresolved Issues** to **The Company**'s satisfaction.

Proposed Governance Route

The proposed modification was presented to Industry at the Grid Code Development Forum in November 2023 and March 2024 with feedback gathered to assist with refining the solution.

Following feedback and discussions with the Grid Code Review Panel, we believe that the proposal and presented solution has no material impact. We believe the Legal Text is fully formed and should take the Self-Governance route and proceed directly to Code Administrator Consultation.

Timeline for GC0171 – Proposed Timeline – *Code Administrator Consultation*

Milestone	Date
Modification presented to Panel	30 May 2024
Code Administrator Consultation (1 calendar month)	05 June 2024 to 05 July 2024
Draft Self Governance Modification Report issued to Panel (5 business days)	17 July 2024
Panel undertake Draft Self Governance Modification Report determination vote	25 July 2024
Final Self Governance Modification Report issued to Panel to check votes recorded correctly	30 July 2024 to 06 August 2024
Appeals Window (15 business days)	07 August 2024 to 29 August 2024
Implementation Date	05 September 2024

GC0171 – the asks of Panel

- **AGREE** that this Modification has a clearly defined defect, scope and solution
- **AGREE** that this Modification meets the Self-Governance Criteria (Panel decision) rather than Standard Governance (Ofgem decision)
- **AGREE** that this Modification should proceed to Code Administrator Consultation
- **NOTE** that there appear not to be any impacts on the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** the proposed timeline

Grid Code Self-Governance Criteria

Self-Governance Criteria	A proposed **Modification** that, if implemented, (a) is unlikely to have a material effect on: (i) existing or future electricity consumers; and (ii) competition in the generation, storage, distribution, or supply of electricity or any commercial activities connected with the generation, storage, distribution or supply of electricity; and (iii) the operation of the **National Electricity Transmission System**; and (iv) matters relating to sustainable development, safety or security of supply, or the management of market or network emergencies; and (v) the **Grid Code**'s governance procedures or the **Grid Code**'s modification procedures, and (b) is unlikely to discriminate between different classes of Users. (c) other than where the modification meets the **Fast Track Criteria**, will not constitute an amendment to the **Regulated Sections** of the Grid Code.

New modifications submitted

Standard Governance

GC0172: Replacing References to Electricity Supply Industry Arbitration Association

The Electricity Arbitration Association (EAA) is now defunct. This modification looks to replace the EAA and replace them with the London Court of International Arbitration from both Charging sections of the codes.

This arrangement will mirror BSC arrangements brought about in P457

The suite of modifications relating to this are all being presented to the relevant May 2024 Panels

These modifications are proposed to be straight to Code Admin Consultation with Authority Decision

Why Change?

Throughout the CUSC, instances where arbitration or dispute resolution are outlined. Since 1993, the CUSC has used the Electricity Arbitration Association (EAA) as its official arbitration provider for any arbitration/disputes.

In BSC modification P457, it was highlighted that "*the EAA has not been used by a Market Participant since its inception in 1993 and does not provide good value for money for BSC Parties as monthly payments are required, irrespective of whether there are any disputes to consider. Moreover, the EAA is rarely used in commercial agreements, does not maintain its website and requires monthly payment, irrespective of whether their services are used. This therefore does not offer good value for money for BSC Parties*".

We aim to align the CUSC, Grid Code and STC with BSC arrangements by using the London Court of International Arbitration as our arbitration provider.

The need for arbitration increases under CMP398.

Governance Route

Grid Code modification raised at todays Panel. There are also modifications to the CUSC and STC.

Following precedent set by P457, an authority decision on this would be sought.

Implementation needed by 01 September 2024 to align with CMP398 implementation and potential for increase in need for Arbitration.

Critical Friend Feedback – GC0172

Code Administrator comments	Amendments made by the Proposer
Requested that legal text be provided on tracked changes Suggested that modification should be Self-Governance Requested clarity throughout document Provided timeline	Proposer accepted amendments to Proposal form suggested by the Code Administrator, however believes that the modification should proceed under the Standard Governance route

Timeline for GC0172 – Proposed Timeline – *Code Administrator Consultation*

Milestone	Date
Modification presented to Panel	30 May 2024
Code Administrator Consultation (1 calendar month)	10 June 2024 to 10 July 2024
Draft Final Modification Report (DFMR) issued to Panel (5 business days)	17 July 2024
Panel undertake DFMR recommendation vote	25 July 2024
Final Modification Report issued to Panel to check votes recorded correctly	30 July 2024 to 06 August 2024
Final Modification Report issued to Ofgem	07 August 2024
Ofgem decision	Requested by 15 August 2024
Implementation Date	30 September 2024

GC0172 – the asks of Panel

- **AGREE** that this Modification has a clearly defined defect, scope and solution
- **AGREE** that this Modification should follow Standard Governance (Ofgem decision) rather than the Self-Governance Criteria (Panel decision)
- **AGREE** that this Modification should proceed to Code Administrator Consultation
- **NOTE** that there appear not to be any impacts on the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** the proposed timeline

Inflight Modification Updates

Lizzie Timmins, Code Administrator

GC0103: The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes Modification Update

Background

1. Modification was raised in 2017. GCRP reprioritised it in 2023 and Workgroup (WG) was reconstituted.

2. WG 2 was held on 19/07/2023. The WG team agreed to set up a Transmission Owner (TO) - Led Subgroup to map existing Relevant Electrical Standards (RESs) and carry out a further assessment of what harmonisation of the three sets of RESs would mean. The Subgroup would subsequently share findings and recommendations to the WG to enable WG progress the modification.

3. A meeting was held with Ofgem (31st July 2023) to understand what information they will need as a basis for a decision.

Progress Update

1. The three TOs have gone ahead to identify and contract a third party/consultant who will commence work on developing a draft harmonised version of the existing Relevant Electrical Standards (RESs). The costs for this assessment and drafting will be divided among the three TOs.

Next Steps

1. The three TOs will go through a process of internal governance to hopefully sign off this version prior to reporting back to the GC0103 Subgroup, Workgroup and Grid Code Review Panel.

2. The TOs expect to share some tangible progress from the consultant as soon as possible.

3. Continue engagement with the TOs and providing updates to the Code Administrator, Workgroup and GCRP.

4. Restart Workgroups.

GC0164: Simplification of Operating Code No.2 Timeline Update

	Workgroup Report issued to Panel	DSGFMR issued to Panel	Appeals Window Opened	Implementation Date
Previous timeline	19 June 2024	22 August 2024	03 September 2024	01 October 2024
New timeline	14 August 2024	16 October 2024	06 November 2024	02 December 2024

Rationale: Workgroup members agreed they would like more time to review legal text before committing to Workgroup Consultation, this has resulted in the timeline needing to be revised.

Workgroups Remaining: 3

Ask of Panel: Agree revised timeline

Panel Tracker

Lizzie Timmins, Code Administrator

Prioritisation Stack

Mod Number	Previous Priority No:	Priority No	Title
GC0139	1	1	Enhanced Planning Data Exchange to Facilitate Whole System Planning
GC0155	2	2	Clarification of Fault Ride Through Technical Requirements
GC0163	(4 before CAC)	(4 before CAC)	GB Grid Forming (GBGF) - Removal of Virtual Impedance restriction
GC0159	(5 before CAC)	(5 before CAC)	Introducing Competitively Appointed Transmission Owners
GC0166	3	3	Introducing new Balancing Programme Parameters for Limited Duration Assets
GC0168	4	4	Submission of Electro Magnetic Transient (EMT) Models
GC0169	5	5	Material changes identified from Grid Code Modification GC0136 and Consistency of requirements between the Connection Conditions and
GC0164	6	6	Simplification of Operating Code No.2
GC0103	7	7	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes
GC0140	8	8	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions

Draft Final Modification Report

GC0159: Introducing Competitively Appointed Transmission Owners

Lizzie Timmins

Solution

- The objective of this modification is to implement minimum change to the Grid Code to facilitate the introduction of CATOs. The approach taken is to extend existing relevant Onshore TO provisions as far as appropriate, reflecting Ofgem's expected licencing regime.
- The legal text changes are made on the assumption that a CATO will be granted a Transmission License and will be categorised as an Onshore Transmission Owner.

Code Administrator Consultation Responses

Summary of Code Administrator Consultation Responses :

- Code Administrator Consultation was run from 28/03/2024 to 29/04/2024 and received 2 non-confidential responses. Key points were:
  - Both respondents believed that the Original Proposal better facilitates objective A; one respondent also believes that the Original Proposal better facilitates objective B.
  - Both respondents indicated that they support the proposed implementation approach.
  - One respondent noted that this modification is part of a suite of modifications across the Codes to enable implementation of Early Competition through the CATO regime.
  - One respondent highlighted a concern with the definition of Relevant Transmission Licensee, noting that it may need to be reviewed as they do not believe that Competitively Appointed Transmission Licensees will have a Transmission Area.
  - Although the modification has an impact on EBR, no issues were raised in the Code Administrator Consultation.

Legal Text issue raised in the consultation

One respondent highlighted a concern with the definition of Relevant Transmission Licensee, noting that it may need to be reviewed as they do not believe that Competitively Appointed Transmission Licensees will have a Transmission Area.

Post consultation the respondent suggested that the Relevant Transmission Licensee definition should be: “Means National Grid Electricity Transmission plc (**NGET)** in its **Transmission Area** or SP Transmission plc (**SPT**) in its **Transmission Area** or Scottish Hydro-Electric Transmission Ltd (**SHETL**) in its **Transmission Area** or any **Offshore Transmission Licensee** in its **Transmission Area** or any **Competitively Appointed Transmission Licensee** with **Plant** and **Apparatus** located in **NGET**’s, **SPT**’s or **SHETL**’s **Transmission Area** as appropriate.”

Code Administrator Consultation – Legal Text Changes. What do the Grid Code Governance Rules say?

GR.22.4 A draft of the **Grid Code Modification Report** shall be tabled at a meeting of the **Grid Code Review Panel** prior to submission of that **Grid Code Modification Report** to the **Authority** as set in accordance with the timetable established pursuant to GR.19.1, and at which the **Panel** may consider any minor changes to the legal drafting, which may include

any issues identified through the **Code Administrator** consultation, and:

(i) if the change required is a typographical error the **Grid Code Review Panel** may instruct the **Code Administrator** to make the appropriate change and the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**; or

(ii) if the change required is not considered to be a typographical error then the **Grid Code Review Panel** may direct the **Workgroup** to review the change. If the **Workgroup** unanimously agree that the change is minor the **Grid Code Review Panel** may instruct the **Code Administrator** to make the appropriate change and the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote,** otherwise for changes that are not considered to be minor the **Code Administrator** shall issue the **Grid Code Modification Proposal** for further **Code Administrator** consultation, after which the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**; or

(iv) if a change is not required after consideration, the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**.

Code Admin must present the proposed legal text changes

Panel have 3 choices:

- **Agree the changes are typographical and instruct Code Admin to make the change under GR.22.4(i). Then we carry out Recommendation Vote; or**
- **Agree the changes are not needed under GR.22.4(iv). Then we carry out Recommendation Vote; or**
- **Under GR.22.4(ii) Direct the Workgroup to review the changes or ask for a further Code Administrator Consultation to be issued**

GC0159 – the asks of Panel

- **AGREE** whether or not the proposed changes to the legal text are typographical

- **NOTE** that this Modification does impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code

- Do you have any comments as to whether or not the proposed changes concur with the EBR Article 3 Objectives?

- **VOTE** whether or not to recommend implementation

- **NOTE** next steps

GC0159 Next Steps

Milestone	Date
Draft Final Modification Report presented to Panel	30 May 2024
Final Modification Report issued to Panel to check votes recorded correctly (5 business days)	03 June 2024 to 07 June 2024
Submission of Final Modification Report to Ofgem	11 June 2024
Ofgem decision date	TBC
Implementation Date	10 Business Days following decision

EBR Article 3 Objectives

For reference, the Electricity Balancing Regulation (EBR) Article 3 (Objectives and regulatory aspects) are:

1. This Regulation aims at:

(a) Fostering effective competition, non-discrimination and transparency in balancing markets;

(b) enhancing efficiency of balancing as well as efficiency of national balancing markets;

(c) integrating balancing markets and promoting the possibilities for exchanges of balancing services while contributing to operational security;

(d) contributing to the efficient long-term operation and development of the electricity transmission system and electricity sector while facilitating the efficient and consistent functioning of day-ahead, intraday and balancing markets;

(e) ensuring that the procurement of balancing services is fair, objective, transparent and market-based, avoids undue barriers to entry for new entrants, fosters the liquidity of balancing markets while preventing undue market distortions;

(f) facilitating the participation of demand response including aggregation facilities and energy storage while ensuring they compete with other balancing services at a level playing field and, where necessary, act independently when serving a single demand facility;

(g) facilitating the participation of renewable energy sources and supporting the achievement of any target specified in an enactment for the share of energy from renewable sources.

Draft Final Modification Report

GC0163: GB Grid Forming (GBGF) - Removal of Virtual Impedance restriction

Lizzie Timmins

Solution

- It is proposed to make minor changes to the European Connection Conditions (ECC) and the Glossary & Definitions within the Grid Code to require only an internal impedance rather than specifying that the impedance comprises of real physical values. N.B. Changes will be also reflected in the ESO's Guidance Notes for Grid Forming Plant for relevant developers and manufacturers.

Code Administrator Consultation Responses

Summary of Code Administrator Consultation Responses :

- Code Administrator Consultation was run from 02/04/2024 to 02/05/2024 and received 5 non-confidential responses. Key points were:
  - Three respondents stated that the change would better facilitate objectives A and C. All five respondents stated the change would better facilitate objective B.
  - Four respondents supported the implementation approach. One respondent did not support the implementation in its current form but acknowledged the benefits virtual impedances can bring.
  - One respondent provided suggestions for future work on grid-forming controls.
  - The respondent not supportive of the implementation stated that the virtual impedance can be difficult to characterise, implement and justify in terms of cost and performance for power converters.
  - It was flagged that an amendment to the Legal Text for the definition of Internal Voltage Source is required in the Glossary and Definitions, to remove a comma after a section of deleted text.

Code Administrator Consultation – Legal Text Changes. What do the Grid Code Governance Rules say?

GR.22.4 A draft of the **Grid Code Modification Report** shall be tabled at a meeting of the **Grid Code Review Panel** prior to submission of that **Grid Code Modification Report** to the **Authority** as set in accordance with the timetable established pursuant to GR.19.1, and at which the **Panel** may consider any minor changes to the legal drafting, which may include

any issues identified through the **Code Administrator** consultation, and:

(i) if the change required is a typographical error the **Grid Code Review Panel** may instruct the **Code Administrator** to make the appropriate change and the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**; or

(ii) if the change required is not considered to be a typographical error then the **Grid Code Review Panel** may direct the **Workgroup** to review the change. If the **Workgroup** unanimously agree that the change is minor the **Grid Code Review Panel** may instruct the **Code Administrator** to make the appropriate change and the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote,** otherwise for changes that are not considered to be minor the **Code Administrator** shall issue the **Grid Code Modification Proposal** for further **Code Administrator** consultation, after which the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**; or

(iv) if a change is not required after consideration, the **Panel Chairman** will undertake the **Grid Code Review Panel Recommendation Vote**.

Code Admin must present the proposed legal text changes

Panel have 3 choices:

- **Agree the changes are typographical and instruct Code Admin to make the change under GR.22.4(i). Then we carry out Recommendation Vote; or**
- **Agree the changes are not needed under GR.22.4(iv). Then we carry out Recommendation Vote; or**
- **Under GR.22.4(ii) Direct the Workgroup to review the changes or ask for a further Code Administrator Consultation to be issued**

GC0163 – the asks of Panel

- **AGREE** whether or not the proposed changes to the legal text are typographical

- **NOTE** that this Modification does not impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code

- **VOTE** whether or not to implement

- **NOTE** next steps

GC0163 Next Steps

Milestone	Date
Draft Self Governance Modification Report presented to Panel	30 May 2024
Final Self Governance Modification Report issued to Panel to check votes recorded correctly (5 business days)	03 June 2024 to 07 June 2024
Appeals Window (15 business days)	10 June 2024 to 5pm on 28 June 2024
Implementation Date (5 business days after closure of Appeals Window)	05 July 2024

Governance

Panel Recommendation Vote Clarification

Grid Code Development Forum – Previous and Next

Antony Johnson, NGESO

1 May 2024

Data collection from Dynamic System Monitoring (DSM) Systems – Industry Questionnaire Update – Jesus Sanchez Cortes, NGESO

An update was provided following the presentation at the October 2023 GCDF, in relation to the questionnaire issued by the ESO which sought comments on the proposed new system to access Dynamic System Monitoring (DSM) and Ancillary Services Business Monitoring (ASM) data from generation modules and interconnectors across GB.

5 June 2024 (Deadline for Agenda items - 29 May)

Agenda items TBC.

Standing Items

- Distribution Code Panel update (Alan Creighton)
- JESG Update (information only)

  Previous meeting – 14 May 2024 – cancelled

  Next meeting – 11 June 2024

Updates on other industry codes

24 April 2024 STC Panel Papers and Headline Report
26 April 2024 CUSC Panel Papers and Headline Report

Challenges to Modification Progress

(February, May, August, November)

	February		March		April	
	Count	Mods affected	Count	Mods affected	Count	Mods affected
Quoracy Issues	1	GC0159	0	-	0	-
Analysis Delay	1	GC0139	0	-	1	GC0139
Legal Text Delay			0	-	0	-
Modification complexity	0	-	0	-	1	GC0166

Horizon Scan

(February, May, August, November)

Codes Affected	Legistative, Regulatory or Industry Change Overview	Published Content
Grid Code and Dcode	Digitalised Whole System Technical Code (dWSTC) will include 3 key workstreams; Alignment, Simplification & Rationalisation; Training and Guidance and the Digitalisation of Grid Code. **GC0164 is ongoing to simplify OC2 however the other sections of the code will follow.**	dWSTC webpage
Grid Code	The Balancing Programme was established to develop the balancing capabilities that the Electricity National Control Centre needs to deliver reliable and secure system operation, facilitate competition everywhere and meet the ESO's ambition for net-zero carbon operability. The following elements are expected to start to land from January 2024: BSC Issues Group (relating to Optimisers giving instruction recommendations); Storage and Batteries (MDV and MDP) and the use of Faxes to instruct.	Balancing Programme website
Grid Code, CUSC, SQSS and STC	The Offshore Coordination Project has been set up by the ESO with support from Ofgem and the Department for Business, Energy & Industrial Strategy. Offshore wind has been identified as a critical technology in achieving net zero greenhouse gas emissions by 2050. In order to help realise this target, a step-change in both the speed and scale of deployment of offshore wind is required.	ESO Offshore Coordination Project Page
Grid Code, CUSC and STC	Replacement of Fax Machines in the ESO Control Room Due to the phasing out of the copper wire technology which fax machines utilise, the ESO Control Room will be replacing the fax machines that are used between the ESO and Users for some interactions. The STC changes will be proposed June 2024 (no Control Room interactions in the STC), with Grid Code, CUSC, and STCPs to follow	

Code Administrator Update

Digitalised Code Update

Any Other Business

Offshore Coordination Update

Tom Manicom – Offshore Network Strategy

30th May 2024

ESO

Agenda

- Wind Capacity In GB waters
- Recap of results to date
- Current Projects
- Questions

Great Britain's commitment to Offshore Wind

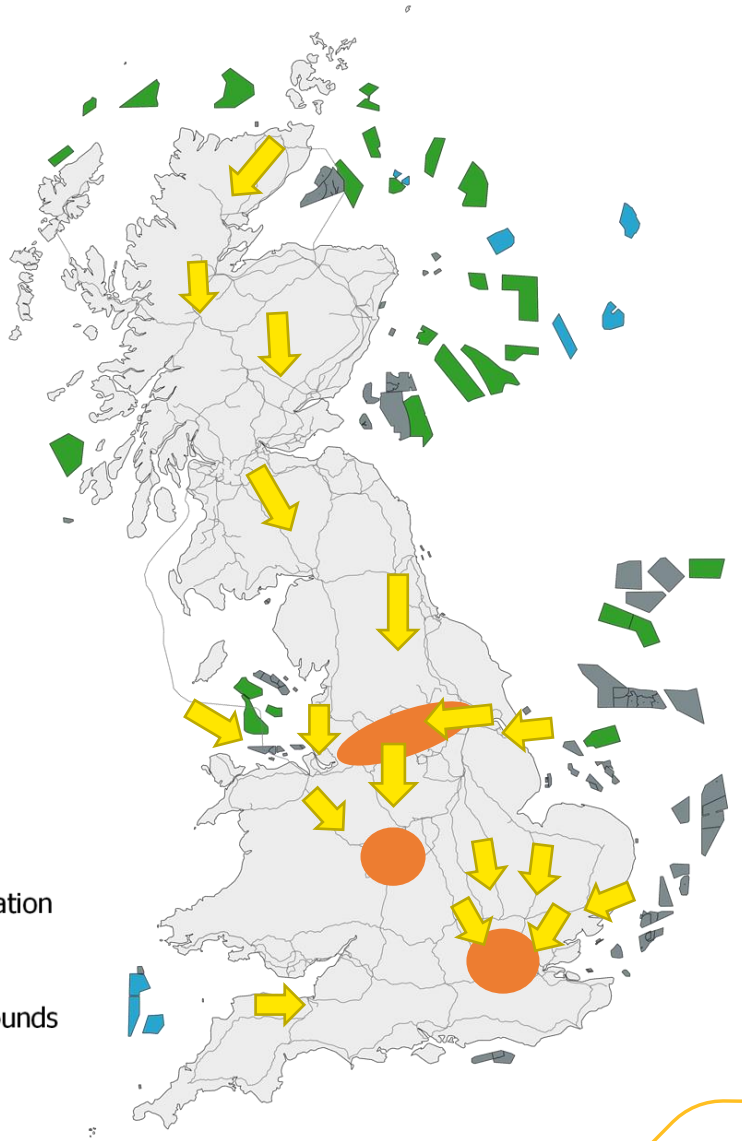
Government recognises Offshore Wind and associated network is GB's most cost effective way of reaching net zero.

GB has leased approximately 22,350 km^2 of seabed for Offshore Wind or over 75GW of capacity.

That's an area larger than Wales.

Our Future Energy Scenarios forecast a potential 86GW of offshore wind connecting up to and throughout the 2030's. With ~100GW required for GB to meet its 2050 targets.

Significant network build will be required well into the future to transmit this power to where it's needed.



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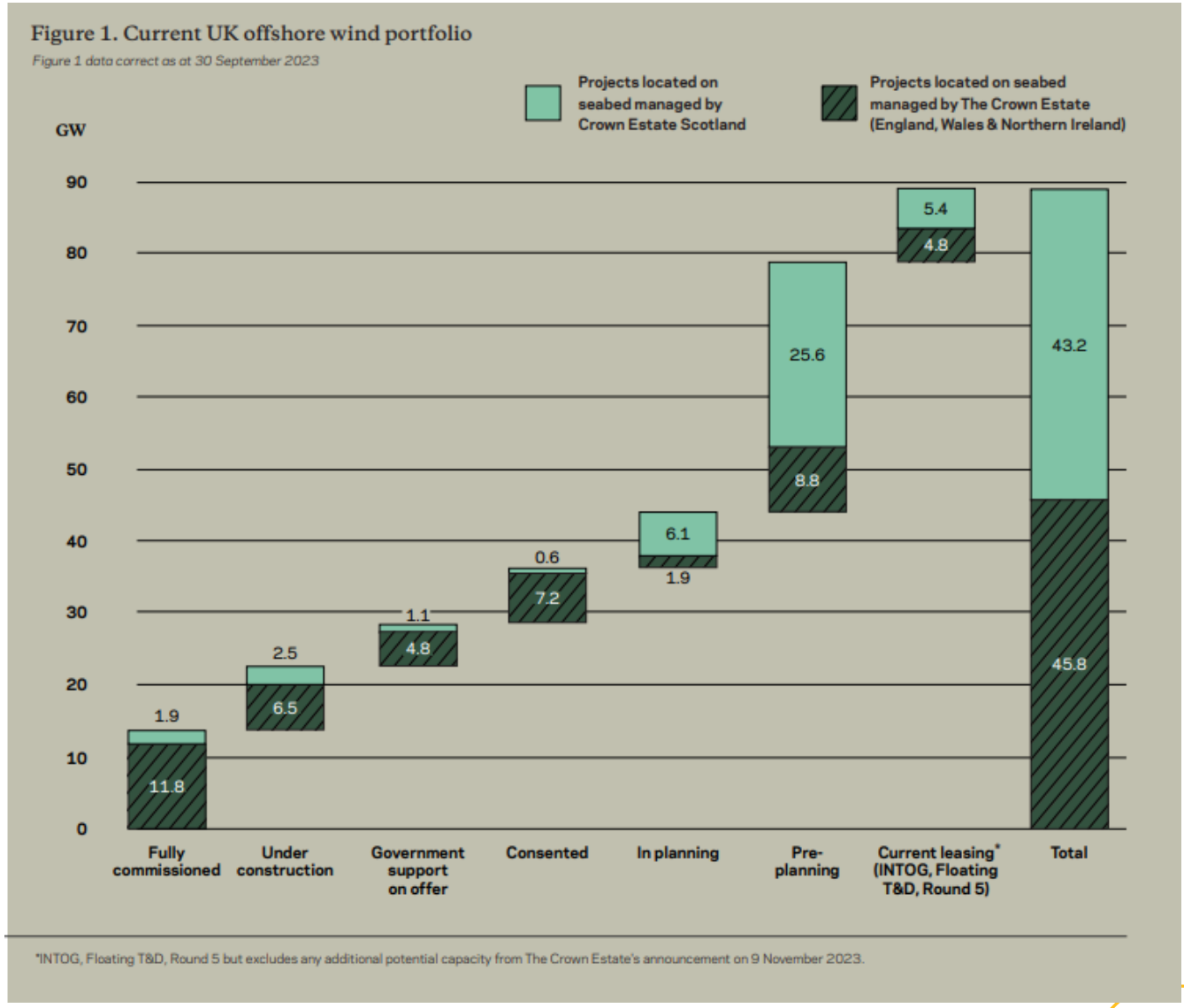


Coordinating GB's Offshore Wind network

In July 2020, the UK Government launched the **Offshore Transmission Network Review** (OTNR).

As a result, in 2022 and 2024 we published two Holistic Network Designs:

- **Pathway to 2030 report** supporting Great Britain towards achieving the ambition of 50 GW of offshore wind by 2030.
- **The Beyond 2030 report** which supports the connection of a further 21GWs of offshore wind through the 2030s.

This £112 Billion of investment recommendations is part of a wider picture.

The TOs also have an extensive pipeline of work associated with GBs connection queue for other renewable generation.

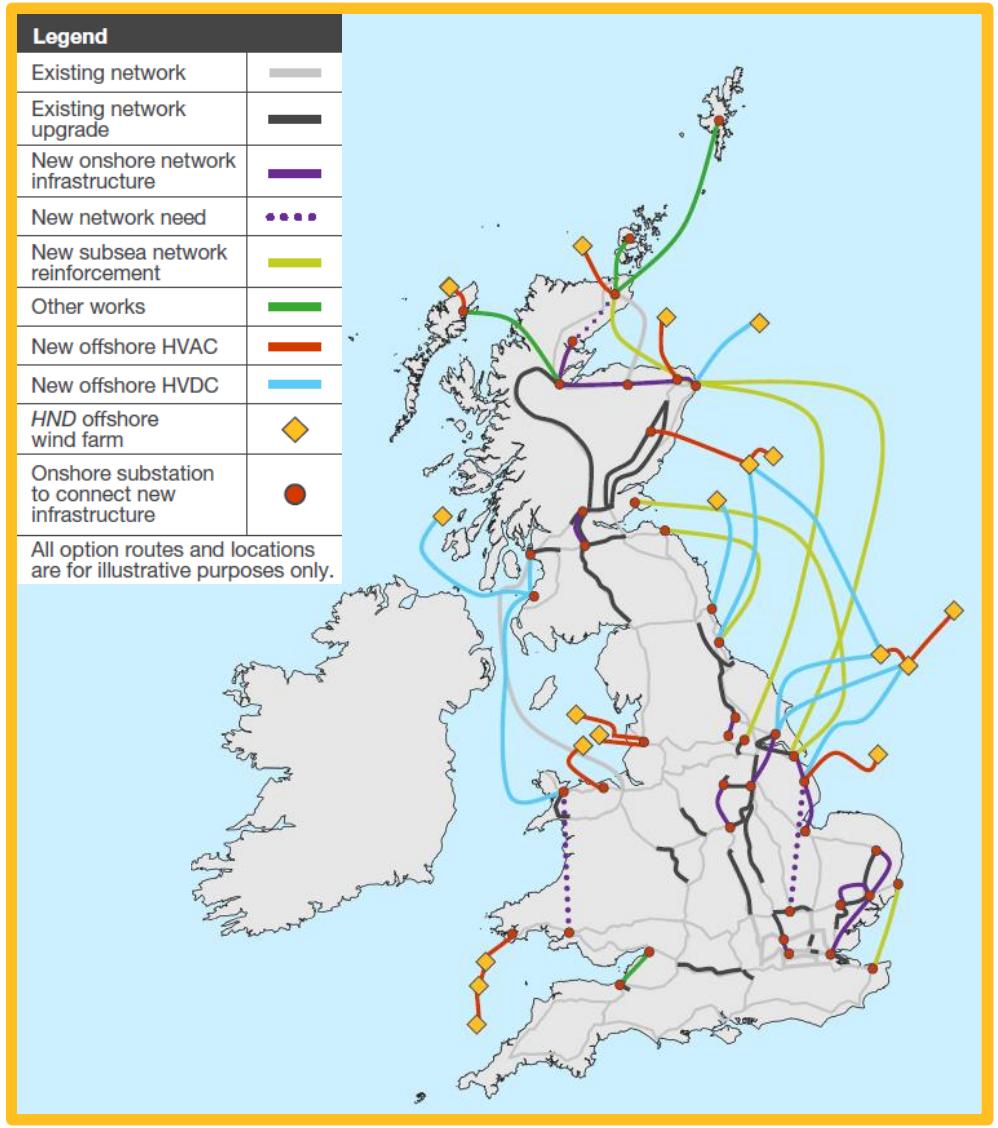
The Pathway to 2030 report

A world leading first of its kind, integrated approach for connecting 23GW of offshore wind to Great Britain reducing cabling by a third through coordination.

Proposes £54bn network investment*

Identifies and distinguishes onshore transmission projects that are required to facilitate the Government's 2030 ambitions.

Following the publication, Ofgem created Accelerate Strategic Transmission Infrastructure (ASTI) projects providing £20 Billion to accelerate schemes to meet 2030 targets.



*Costs assessed in a different price year to the Beyond 2030 report

Building upon the first HND

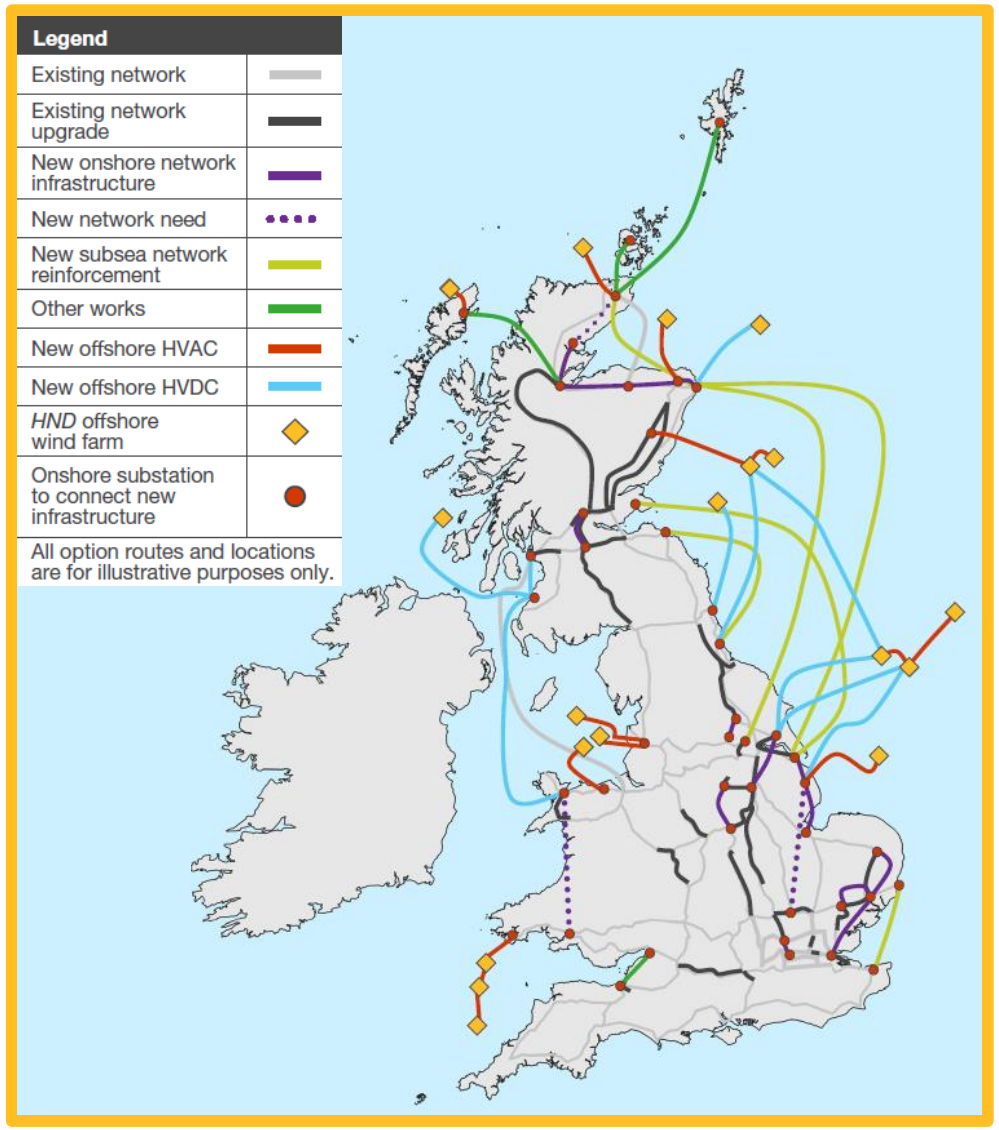
The first HND provided a design for 23 GW of offshore wind connections

The HND process achieved:

- significant reductions in constraint costs in the 2030s
- demonstrated the need for additional and accelerated transmission reinforcement options
- minimised environmental and social impact whilst meeting 2030 Government offshore wind targets

However, the HND also highlighted that:

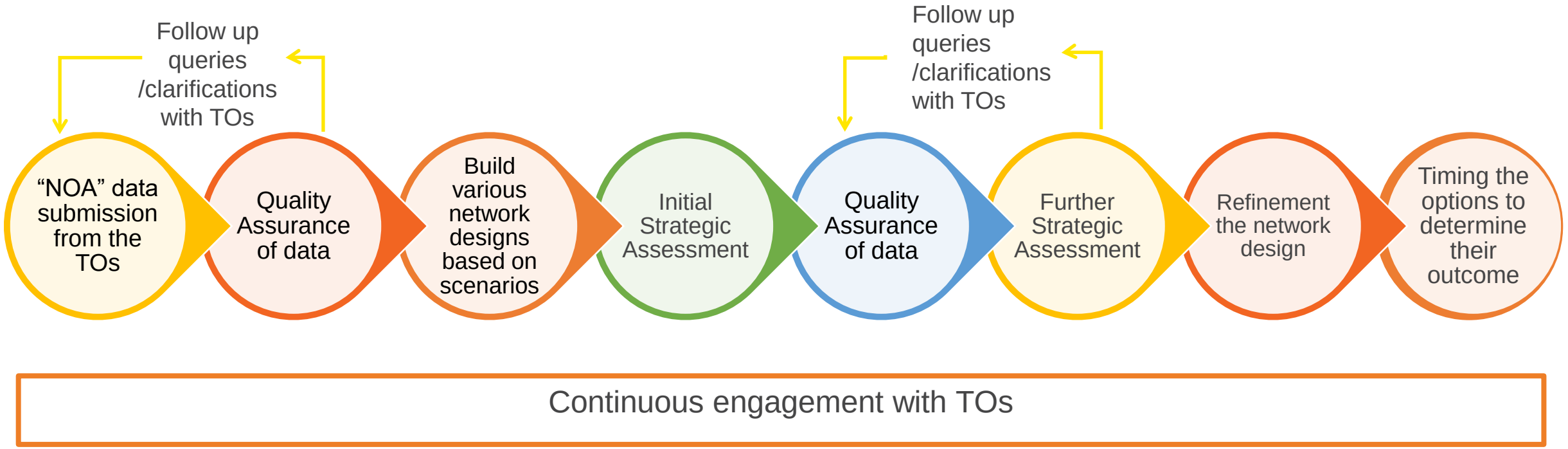
- There is a need for a longer term view of transmission network requirements
- An asset only based approach is unsustainable in the long term
- A different approach is required to facilitate our net-zero ambition



TCSNP2 process overview

Analysis:

The high-level process we have followed for the analysis on wider works is similar to the previous NOA process but has also integrated the strategic elements of HNDFUE:

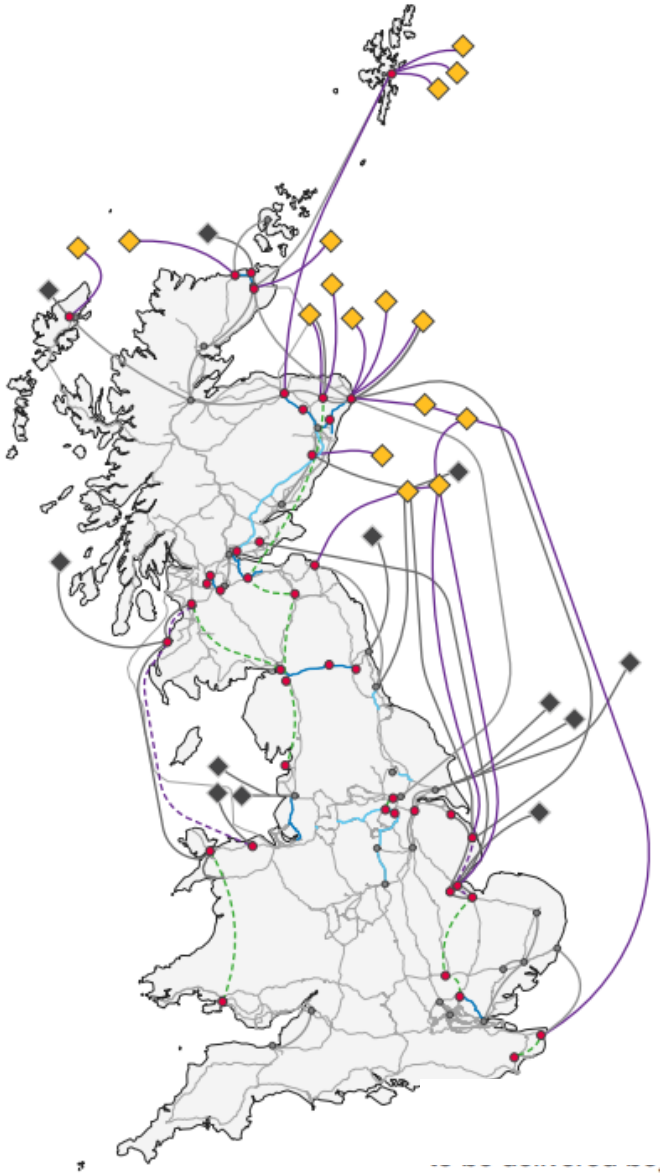


Beyond 2030 highlights

Proposes £58 Billion of investment into the electricity network

Coordinated Network connecting 21 GW of ScotWind to 9 landing points in Scotland

Optimisation of the West Coast designs – adding 2 GW capacity to a previously proposed offshore circuit



Category	Key
New offshore network infrastructure	
New onshore network infrastructure	
Voltage increase on network	
Existing network upgrade	
Substation upgrade or new substation	
Substations delivered for 2030	
In scope wind farm	
HND wind farm	
Existing Network	
Reinforcements delivered for 2030	

*Dashed lines represent low maturity options.

Note: all routes and options shown on this map are for illustrative purposes only.

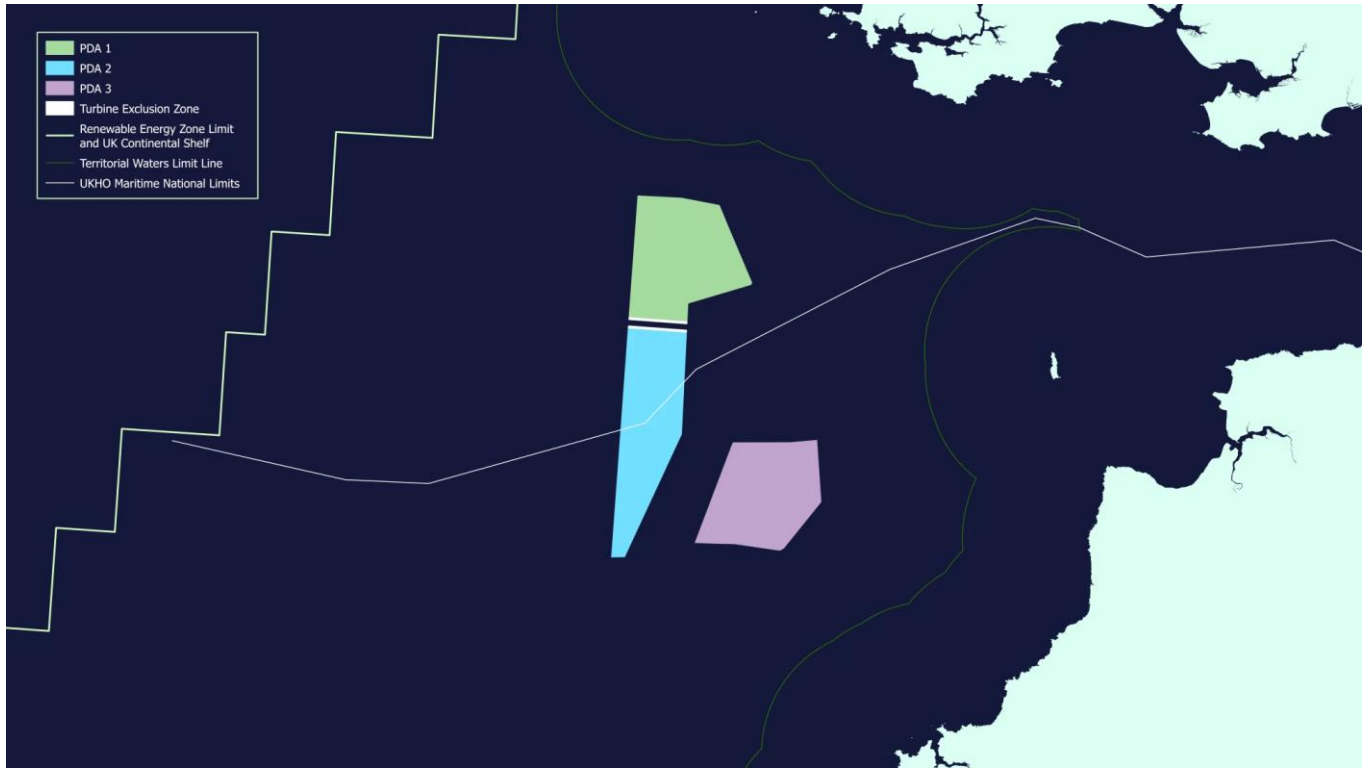
Significant **upgrades** of the existing network throughout GB

A new **onshore AC Spine** from North-east and South-west Scotland, to Cumbria, and North Lancashire

6 GW of new offshore capacity down the East Coast connecting to 3 landing points in England

Celtic Sea
(Offshore Leasing Round 5)

- 4.5 GW of floating offshore capacity located between Wales and the South West of England
- ESO developing design ahead of leases being awarded later this year
- TCE leading a concurrent Plan-Level Habit Regulations Assessment to increase investor confidence



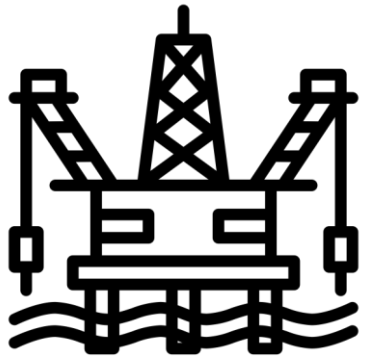
INTOG

- **IN**novation and **T**argeted **O**il and **G**as is a leasing round by Crown Estate Scotland that has two specific aims:
  - Boost offshore innovation
  - Reduce emissions from oil and gas platforms

IN

- Small scale (100MW)
- Aim to provide a test bed for innovative offshore wind tech

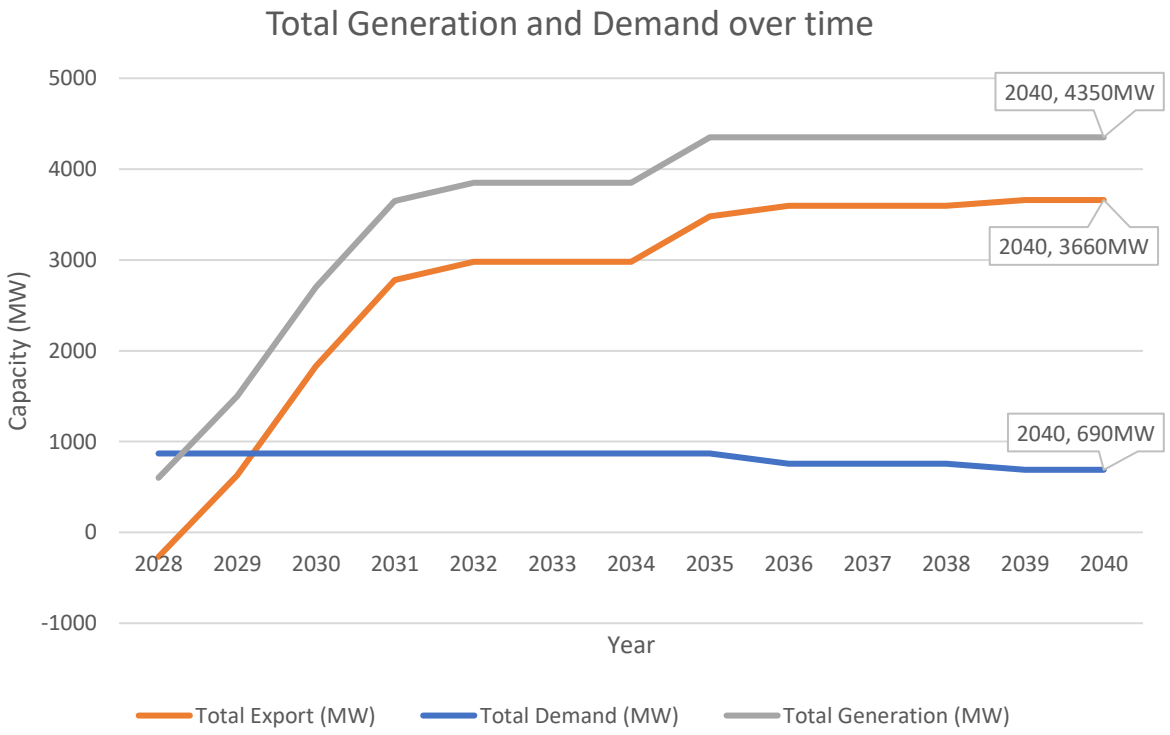
TOG



- Large scale (1000MW+)
- Aid in the decarbonisation of oil and gas platforms in the North Sea by supplying them with wind generation
- **Require a demand connection to shore**, for when it isn't windy

Differences to ScotWind

- As the TOG sites supply offshore platform demand, they have a demand element also
  - Low wind – this means power flow from onshore to offshore
  - High wind – this means flows under the total capacity from the wind farms as they supply the platforms
- This demand reduces over time, resulting in an apparent increase in generation
- Design process and economic analysis must account for this when designing and evaluating the network
- While ScotWind was analysis of a snapshot of the network, this becomes time series analysis
- As part of this new analysis, notional reinforcements will also be used to determine illustrative boundary requirements in the initial strategic options appraisal



Any Questions?

EBR Article 18 Overview

Objectives

- What is EBR?
- What is Article 18 T&Cs?
- Why does Article 18 matter?
- Interaction with code modification process?
- How to identify interactions?
- Examples

What is EBR?

Electricity Balancing Regulation (EBR)

The Electricity Balancing Guideline (EBGL) is a European Network Code introduced by the Third Energy Package European legislation in late 2017.

This regulation aims to standardise electricity balancing procurement and settlement across EU member states

The Electricity Balancing Regulation (EBR – EU Regulation 2017/2195) is the regulation which has been **retained and amended in GB law** following GB exit from Europe, as Statutory Instrument (SI) 2020 No. 1006

What is Article 18?

Article 18….

- Sets out the rules for creating markets and how balancing products should be set up across the GB market.
- States that Transmission System Operators (TSOs) (ESO) should have terms and conditions developed for balancing services, which are submitted to and approved by Ofgem.
- States that the terms and conditions related to balancing should be developed by the ESO
- ESO is responsible for managing change and maintaining the T&Cs relating to balancing for balancing service providers (BSPs) and balance responsible parties (BRPs)

Why does Article 18 matter?

Ensuring compliance with retained EU law

Amendments to T&Cs for new/existing balancing services

- ESO is responsible for proposing amendments to its terms and conditions relating to balancing specifically to update the terms and conditions for any new or existing balancing services.

Amendments to T&Cs resulting from Code Modifications

- The various mods for Article 18 were designed to ensure that the GB mod processes in those codes also included steps to make it legally compliant with the EBR change processes
- ESO is responsible to manage change to balancing T&Cs within the CUSC / Grid Code

What is the EBR Article 18 change process?

Article 18

- **Interaction is identified with the balancing Terms and Conditions** i.e. legal text will change a section of CUSC/GC which interacts with Article 18 section mapped to code

Article 10

- **Public consultation** on proposed amendments
- No less than 28 days

Article 3

- **Submission to Authority**: Proposal shall include a proposed timescale for their implementation and a description of their expected impact on the objectives of this Regulation (Article 3).

Article 5

- **Approval by Authority:** The implementation timescale shall not be longer than 12 months after the approval by the regulatory authority (can be exceptions to this)

Identifying Article 18 interactions within the Code Change process

EBR Article 18 Ts&Cs

Sections of the ESO administrated codes which map to the terms of conditions

European Regulation (EU) 2017/2195 Reference	Description	Annex GR.B of the Governance Rules: Grid Code	Exhibit Y – CUSC: CUSC
18.2	The terms and conditions pursuant to paragraph 1 shall also include the rules for suspension and restoration of market activities pursuant to Article 36 of Regulation (EU) 2017/2196 and rules for settlement in case of market suspension pursuant to Article 39 of Regulation (EU) 2017/2196 once approved in accordance with Article 4 of Regulation (EU) 2017/2196.	OC9.4	Section 4.1.3
18.4.a	define reasonable and justified requirements for the provisions of balancing services;	BC1, BC2, BC3 & BC4	
18.4.b	allow the aggregation of demand facilities, energy storage facilities and power generating facilities in a scheduling area to offer balancing services subject to conditions referred to in paragraph 5 (c);	DRSC 4.2, BC1.4	
18.5.a	the rules for the qualification process to become a balancing service provider pursuant to Article 16;	BC5, BC4.4.2	Section 4.1
18.5.c	the rules and conditions for the aggregation of demand facilities, energy storage facilities and power generating facilities in a scheduling area to become a balancing service provider;	BC1.4 and BC1.A.10	
18.5.d	the requirements on data and information to be delivered to the connecting TSO and, where relevant, to the reserve connecting DSO during the prequalification process and operation of the balancing market;	DRC, BC5 BC1.4	Section 4.1.3.14 and 4.1.3.19
18.5. f	the requirements on data and information to be delivered to the connecting TSO and, where relevant, to the reserve connecting DSO to evaluate the provisions of balancing services pursuant to Article 154(1), Article 154(8), Article 158(1)(e), Article 158(4)(b), Article 161(1)(f) and Article 161(4)(b) of Regulation (EU) 2017/1485;	BC1.4, BC1.A.10,	Section 4.1.3.19
18.5.i	the rules for the settlement of balancing service providers defined pursuant to Chapters 2 and 5 of Title V;		Section 4.1.3.9 and 4.1.3.9A
18.5.j	a maximum period for the finalisation of the settlement of balancing energy with a balancing service provider in accordance with Article 45, for any given imbalance settlement period;		Section 4.3.2.6
18.5.k	the consequences in case of non-compliance with the terms and conditions applicable to balancing service providers.		Sections 4.1.3.9, 4.1.3.9A and 4.1.3.14
18.5. g	the definition of a location for each standard product and each specific product taking into account paragraph 5 (c);	BC1.4	
18.6. d	the requirements on data and information to be delivered to the connecting TSO to calculate the imbalances;	BC1.4.2,3,4, BC1 Appendix 1 BC2.5.1,	
18.6. e	the rules for balance responsible parties to change their schedules prior to and after the intraday energy gate closure time pursuant to paragraphs 3 and 4 of Article 17;	BC1.4.3,4,	

Identifying Article 18 interactions within the Code Change process

EBR Article 18 Ts&Cs

Does the code mod introduce changes to any of these sections?

- Yes
  - Interacts with EBR
    - Has to consult for 28 days at Code Administrator Consultation phase
    - Report to Authority must, in addition to usual requirement, outline how proposal impacts the Article 3 objectives
      + implementation timeline
- No
  - Does not interact with EBR
    - Follows usual CaC timescales

Sections of the ESO administrated codes which map to the terms of conditions

Annex GR.B of the Governance Rules	Exhibit Y – CUSC

Grid Code	CUSC
OC9.4	Section 4.1.3
BC1, BC2, BC3 & BC4	
DRSC 4.2, BC1.4	
BC5, BC4.4.2	Section 4.1
BC1.4 and BC1.A.10	
DRC, BC5 BC1.4	Section 4.1.3.14 and 4.1.3.19
BC1.4, BC1.A.10,	Section 4.1.3.19
	Section 4.1.3.9 and 4.1.3.9A
	Section 4.3.2.6
	Sections 4.1.3.9, 4.1.3.9A and 4.1.3.14
BC1.4	
BC1.4.2,3,4, BC1 Appendix 1 BC2.5.1,	
BC1.4.3,4,	

Examples

Grid Code GC0154
Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119

Identified at mod proposal form stage as potentially making changes to balancing and settlement code

Asked industry within CaC phase; by default consulted for 28 days (meeting Article 10 consultation requirements)

Proposed legal text changes include changes which affect the T&Cs by modifying sections BC1 and BC2 of the GC, which are mapped onto the T&Cs per section GR.B

EBR interaction set out within working group report and description given of expected impact on article 3 objectives

Ofgem approved the amendment to the T&Cs related to balancing resulting from the modification of sections BC1 and BC2 of the Grid Code

Grid Code GC0156:
Facilitating the Implementation of the Electricity System Restoration Standard

Ofgem noted the FMR indicated no interaction with T&Cs required under Art. 18

Ofgem disagreed with the assessment that GC0156 didn't interact with the T&Cs due to changes to the Grid Code legal text in sections OC9.4, BC2 and BC4, which mapped onto the T&Cs as per section GR.B

Implementation of the Article 18 change process into the Grid Code was done in such a manner as to apply in all Standard Modifications, so all the necessary procedural steps have been followed

In line with their decision to approve the Original Solution into the Grid Code and having due consideration to the requirements of the EBGL, Ofgem approved this amendment to the T&Cs

EBR Article	Comment	Article Requirement / Content
Article 3: Objectives of EBR	Outlines the objectives and regulatory aspects of EBGL Regulation	1. This Regulation aims at: a) Fostering effective competition, non-discrimination and transparency in balancing markets; b) enhancing efficiency of balancing as well as efficiency of national balancing markets; c) integrating balancing markets and promoting the possibilities for exchanges of balancing services while contributing to operational security; d) contributing to the efficient long-term operation and development of the electricity transmission system and electricity sector while facilitating the efficient and consistent functioning of day-ahead, intraday and balancing markets; e) ensuring that the procurement of balancing services is fair, objective, transparent and market-based, avoids undue barriers to entry for new entrants, fosters the liquidity of balancing markets while preventing undue market distortions; f) facilitating the participation of demand response including aggregation facilities and energy storage while ensuring they compete with other balancing services at a level playing field and, where necessary, act independently when serving a single demand facility; g) facilitating the participation of renewable energy sources and supporting the achievement of any target specified in an enactment for the share of energy from renewable sources.
Article 4: Terms and conditions or methodologies of TSOs	Terms and conditions related to balancing should be developed by TSOs and submitted for approval by Ofgem	1. TSOs shall **develop** the terms and conditions or methodologies required by this Regulation and **submit them for approval** to the regulatory authority within the **respective deadlines** set out in this Regulation. 2. Where a proposal for terms and conditions or methodologies pursuant to this Regulation needs to be developed and agreed by more than one TSO, the participating TSOs shall closely cooperate. TSOs, shall regularly inform the regulatory authority about the progress of developing these terms and conditions or methodologies.
Article 18: Terms and conditions related to balancing	Article 18 sets out the rules for creating markets and how products should be set up across GB market, the terms and conditions for balancing services and the requirements that the Ts & Cs must meet. The Terms and conditions related to balancing should be developed by the ESO. There is a change process outlined in other EBGL Articles 4, 5, 6 & 10 on how a proposal should be submitted, approved by Ofgem, how it should amended, and that there should be a one month public consultation.	1. No later than six months after entry into force of this Regulation and for all scheduling areas of a Member State, the TSOs of this Member State shall develop a proposal regarding: (a) the terms and conditions for balancing service providers; (b) the terms and conditions for balance responsible parties.

EBR Article	Comment	Article Requirement / Content
Article 6: Amendments to terms and conditions or methodologies of TSOs	Article 6 outlines how EBGL amendments should take place	1. Where the regulatory authority requires an amendment in order to approve the terms and conditions or methodologies submitted in accordance with 4 of Article 5, the relevant TSOs shall submit a proposal for amended terms and conditions or methodologies for approval within two months following the requirement from the regulatory authority. The relevant regulatory authorities shall decide on the amended terms and conditions or methodologies within two months following their submission. 3. TSOs responsible for developing a proposal for terms and conditions or methodologies may request amendments of those terms and conditions or methodologies. The proposals for amendments to the terms and conditions or methodologies shall be submitted to consultation in accordance with the procedure set out in Article 10 and approved in accordance with the procedure set out in Article 4 and Article 5.
Article 10: Public Consultation	Article 10 lays out how a public consultation should take place. This will be covered in the process by holding a 1 month consultation at the CAC stage, and ensuring the final mod report includes sound justification for including (or not) consultation views.	1. TSOs responsible for submitting proposals for terms and conditions or methodologies or their amendments in accordance with this Regulation shall consult stakeholders, including the regulatory authority , on the draft proposals for terms and conditions or methodologies and other implementing measures **for a period of not less than one month.** 5. At least the proposals pursuant to points (a), (b), (c), (d), (e), (f), (g), and (i), (j) and (k) of Article 5(4) shall be subject to public consultation – *(N.B. Article 5(4).c refers to Article 18 balancing Ts and Cs)* 6. TSOs responsible for the proposal for terms and conditions or methodologies shall duly consider the views of stakeholders resulting from the consultations undertaken in accordance with paragraph 5, prior to its submission for regulatory approval. In all cases, a sound justification for including or not including the views resulting from the consultation shall be provided together with the submission and published in a timely manner before or simultaneously with the publication of the proposal for terms and conditions or methodologies.
Article 5: Approval of terms and conditions or methodologies of TSOs	Article 5.5 notes that the amendment proposal (mod report) should outline the expected impact on the EBGL objectives (Outlined in Article 3).	1. The regulatory authority shall approve the terms and conditions or methodologies developed by TSOs under paragraphs 4. 4. The proposals for the following terms and conditions or methodologies shall be subject to approval by a case-by-case basis; **c) the terms and conditions related to balancing pursuant to Article 18;** 5. The proposal for terms and conditions or methodologies shall include a **proposed timescale for their implementation and a description of their expected impact on the objectives of this Regulation**. The implementation timescale shall **not be longer than 12 months after the approval** by the regulatory authority, except where all relevant regulatory authorities agree to extend the implementation timescale or where different timescales are stipulated in this Regulation.

Activities ahead of the next Panel Meeting

Grid Code Development Forum	05 June 2024
Modification Proposal Deadline for June Panel	12 June 2024
Papers Day	19 June 2024
Panel Meeting	27 June 2024 Microsoft Teams

Close

Trisha McAuley

Independent Chair, Grid Code Review Panel