

Public

# Grid Code Review Panel

Thursday 26 June 2025

Online Meeting via Teams



Public

# 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 time 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**.

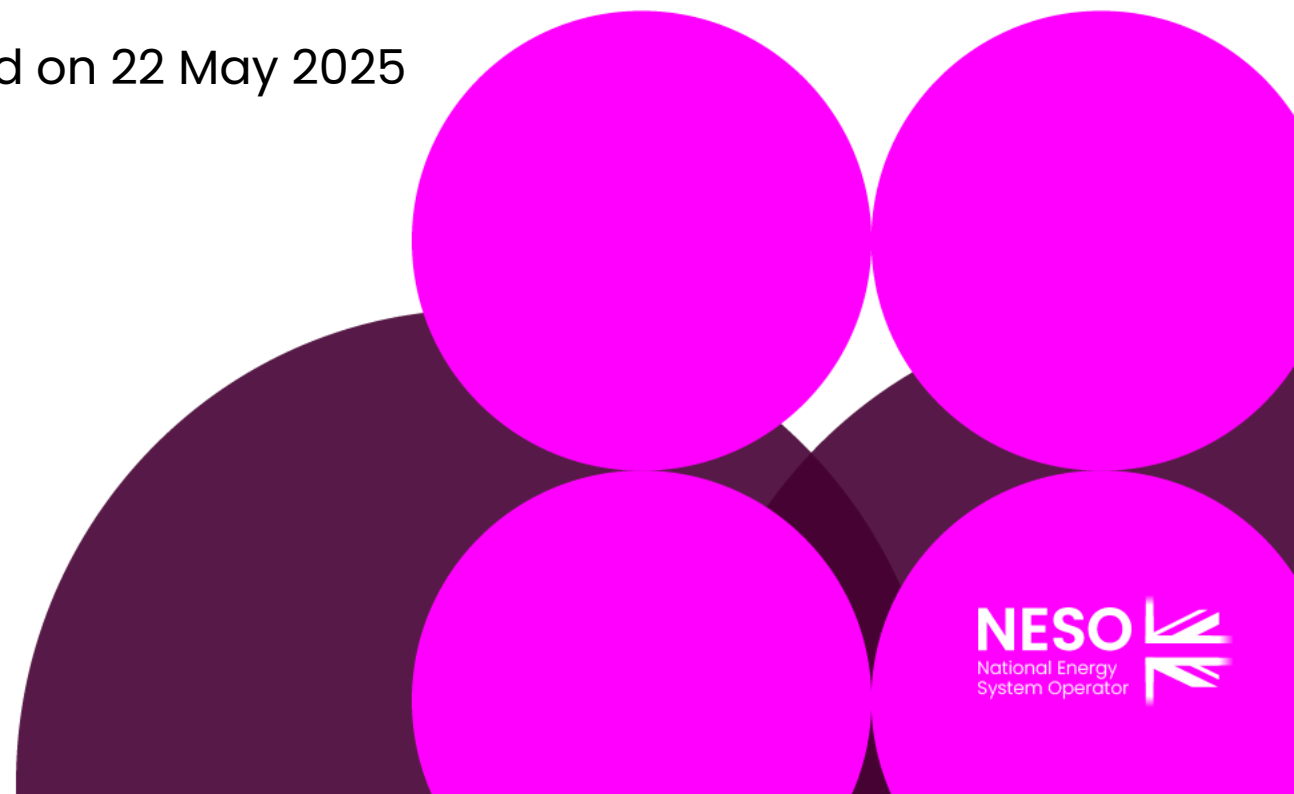
Shall not be representative of, and shall act without undue regard to the particular interests of the persons or body of persons by whom he/she was appointed as Panel Member and any Related Person from time to time.

## Governance

### Update on Election of Generator Panel member

# Approval of Panel Minutes

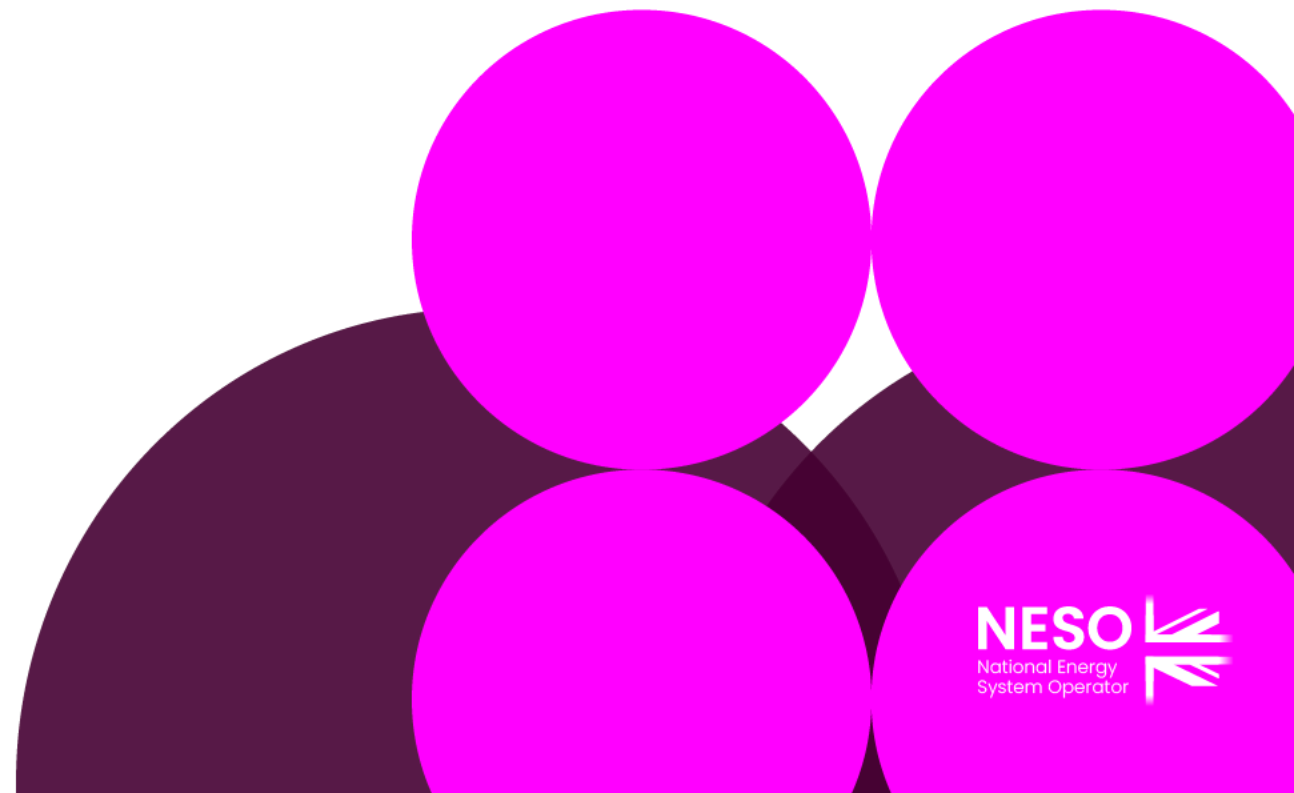
Approval of Panel Minutes from the Meeting held on 22 May 2025



# Action Log

Action No.	Status	Action	Date raised	Owner	Due	Comments and Updates
456	Open	Ofgem ECR team to be invited to a future Grid Code Review Panel to provide update around milestones	30/05/2024	GS/SC	Ongoing	At the February 2025 Grid Code Review Panel, the Chair asked that the Authority keep the Panel informed of the expectations of them during the transition to Energy Code Reform. The Authority also agreed to provide an update to the Panel on SDS timescales
465	Open	To provide a general update at a future Panel on the wider work going on in relation to Bilateral Embedded Generation Agreements (BEGA's)	26/09/2024	CN	June 2025	Awaiting outcome of GC0117. Due date updated to reflect current expected decision date.
468	Open	Investigate scope and timings of new modifications for Holistic Network Design	22/05/2025	CN	July 2025	

## Chair's Update



## Authority Decisions and Update

Awaiting decision on [GC0117: Improving transparency and consistency of access arrangements across Great Britain by the creation of a pan-Great Britain commonality of Power Station requirements](#) which was submitted to Ofgem on 14 May 2024, with an expected decision date of TBC.

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>



## Inflight Modification Updates

- Modification Governance Update: GC0164: Simplification of Operating Code No.2
- Modification Nominations Update: GC0179: Removal of Balancing Code No.4 from the Grid Code

## GC0164: Simplification of Operating Code No.2 – Governance Update

Following feedback from the Code Administrator Consultation, GC0164 now requires changes to be made to the Data Registration Code, which is listed in Annex GR.B Table 1.

As such, the Code Administrator believes that this modification no longer meets the Self-Governance Criteria.

### GC0164 – the asks of Panel

- **AGREE** whether this modification no longer meets the Self-Governance Criteria and if so, direct the Code Administrator to retract the Self-Governance Statement under GR.24.11.

## GC0179: Removal of Balancing Code No.4 from the Grid Code – Nominations Update

The deadline for Workgroup nominations was initially set for 28 May. However, due to a lack of responses, the Code Administrator extended the deadline to 12 June.

Despite the extension, there have been no nominations for the GC0179 Workgroup.

### GC0179 – the asks of Panel

- Under GR.20.5(b), **RECONSIDER** their decision on how to progress the Grid Code Modification Proposal as allowed under GR.19.2.

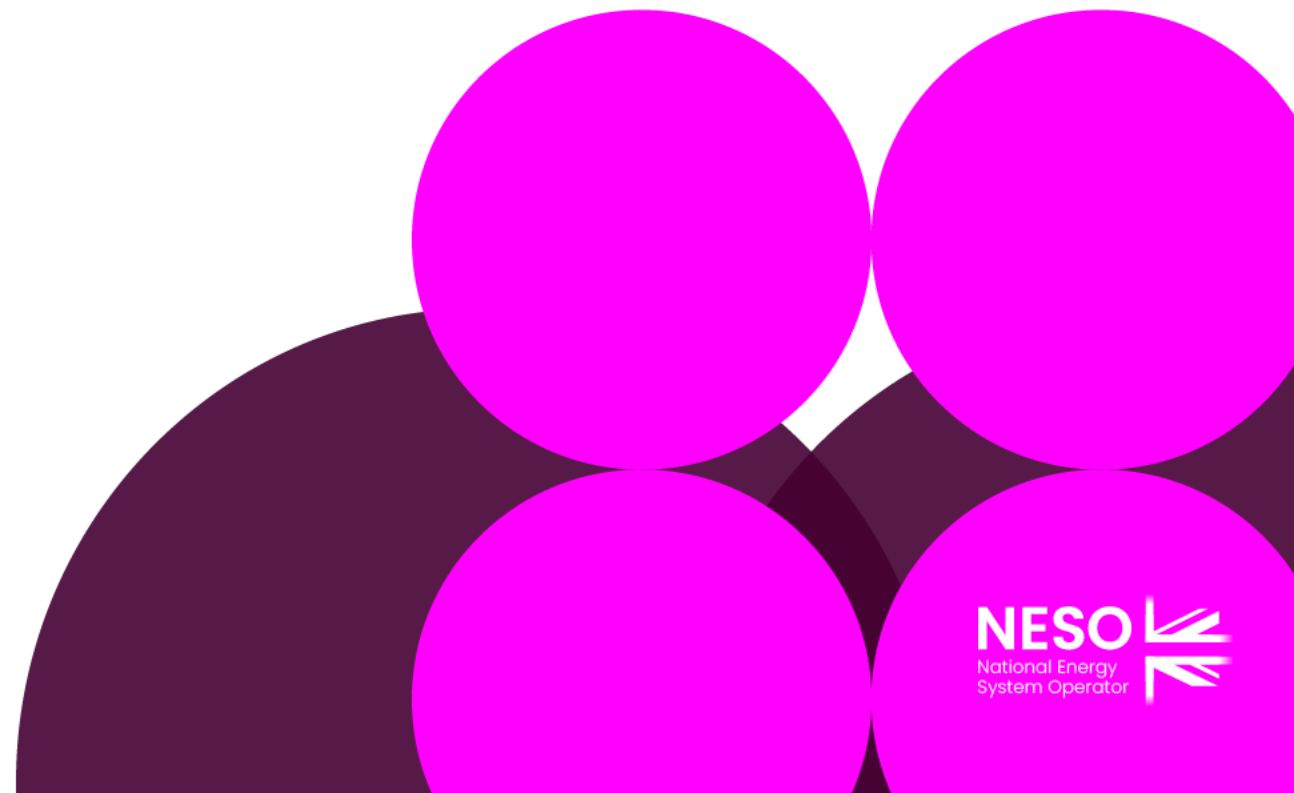
## GC0179: Removal of Balancing Code No.4 from the Grid Code – Nominations Update

In relation to each **Grid Code Modification Proposal**, the **Grid Code Review Panel** shall determine at any meeting of the **Grid Code Review Panel** whether to:

- (a) amalgamate the **Grid Code Modification Proposal** with any other **Grid Code Modification Proposal**;
- (b) invite the **Proposer** to further develop their **Grid Code Modification Proposal** before presenting it to a subsequent meeting of the **Grid Code Review Panel** or to withdraw their modification proposal;
- (c) establish a **Workgroup** of the **Grid Code Review Panel**, to consider the **Grid Code Modification Proposal**;
- (d) review the evaluation made pursuant to GR.18.4, taking into account any new information received; or
- (e) proceed directly to wider consultation (in which case the **Proposer's** right to vary their **Grid Code Modification Proposal** shall lapse).

## Panel Modification Tracker

Lizzie Timmins, Code Administrator





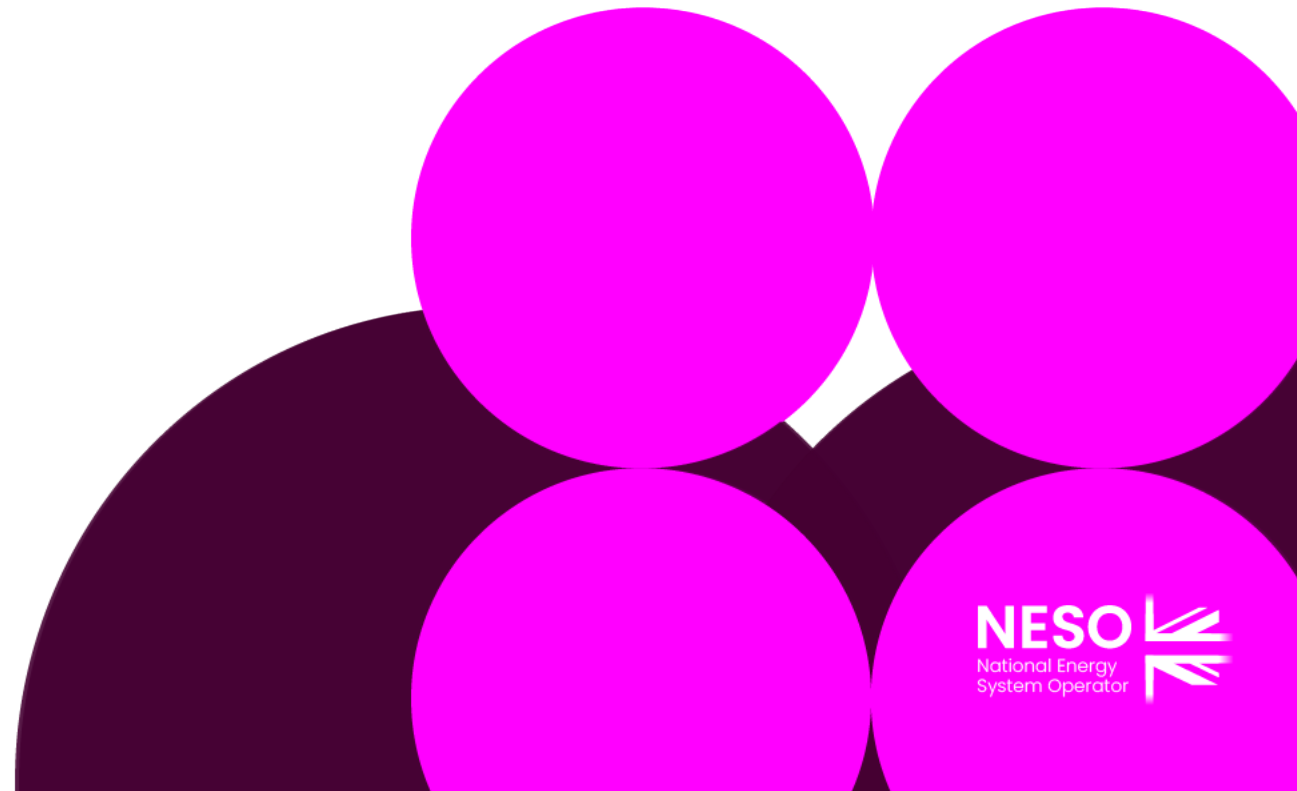
## Workgroup Reports

- GC0168: Submission of Electro Magnetic Transient (EMT) Models
- GC0174: Review of obligations to provide EU Transparency Availability Data as specified in OC2.4.7

# Workgroup Report

GC0168: Submission of Electro  
Magnetic Transient (EMT) Models

Kat Higby (Workgroup Chair)



# Key points to note

- There will be a future CUSC modification raised relating to cost recovery
- There is an associated STC modification (CM097), which is currently in Workgroup phase
- STCP Modification PM0147 has been raised, proposing to introduce a new procedure to govern the interactions between The Company and relevant Transmission Owners (TOs) relating to the exchange of RMS and EMT models. PM0147 will be presented to the STC Panel in June.

# Solution and Workgroup Vote

## **Solution:**

- The proposed solution is to mandate the collection of the EMT models from certain Users. These models will feed into a wider GB Model enabling investigations, post fault studies and planning studies. This will help to enable safe and reliable operation of the system and enhance the security of GB electricity supply.

## **Summary of Workgroup Vote:**

- Out of the 6 votes, the Workgroup concluded by majority that the Original better facilitated the Applicable Objectives than the Baseline. No alternatives were raised.

# Terms of Reference

The Workgroup conclude that they have met their Terms of Reference, and the references can be located below:

Workgroup Term of Reference	Location in Workgroup Report
a) Implementation and costs;	Page 8, Page 12
b) Review draft legal text;	Page 8, Page 14, Annex 3
c) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report; and	Page 8
d) Consider EBR implications	Page 9
e) Consider a cost recovery mechanism to receive the model data required to share with a CUSC Workgroup.	Page 8, Page 12
f) Consider the use/introduction into the Legal Text of generator classifications types C, D as opposed to Medium and Large.	Page 9
g) Consider approach on collecting models and reference to published guidance/phased application of approach.	Page 9
h) Consider codifying the list of Users who are required to submit EMT models.	Page 10, Annex 4
i) Consider the scenario where a User is unable to provide an EMT model	Page 10



# Terms of Reference

The Workgroup conclude that they have met their Terms of Reference, and the references can be located below:

Workgroup Term of Reference	Location in Workgroup Report
j) Consider whether there is a need for any consequential changes to the DCode and / or DCUSA.	Page 11
k) Consider whether there is a need to obtain EMT models from medium power stations embedded in distribution networks and, if so, the mechanism for engaging with the host DNO and the Generator and the process to be followed in the event that the Generator is unable to provide the EMT models or would incur significant costs in doing so.	Page 10
l) Consider if we are reflecting international practice including observation of the modelling developments proposed for RfG 2.0 and HVDC 2.0	Page 11

# GC0168 Asks of Panel

- **AGREE** that the Workgroup have met their Terms of Reference
- **AGREE** that this Modification can proceed to Code Administrator Consultation
- **NOTE** that this Modification does not impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** the ongoing timeline

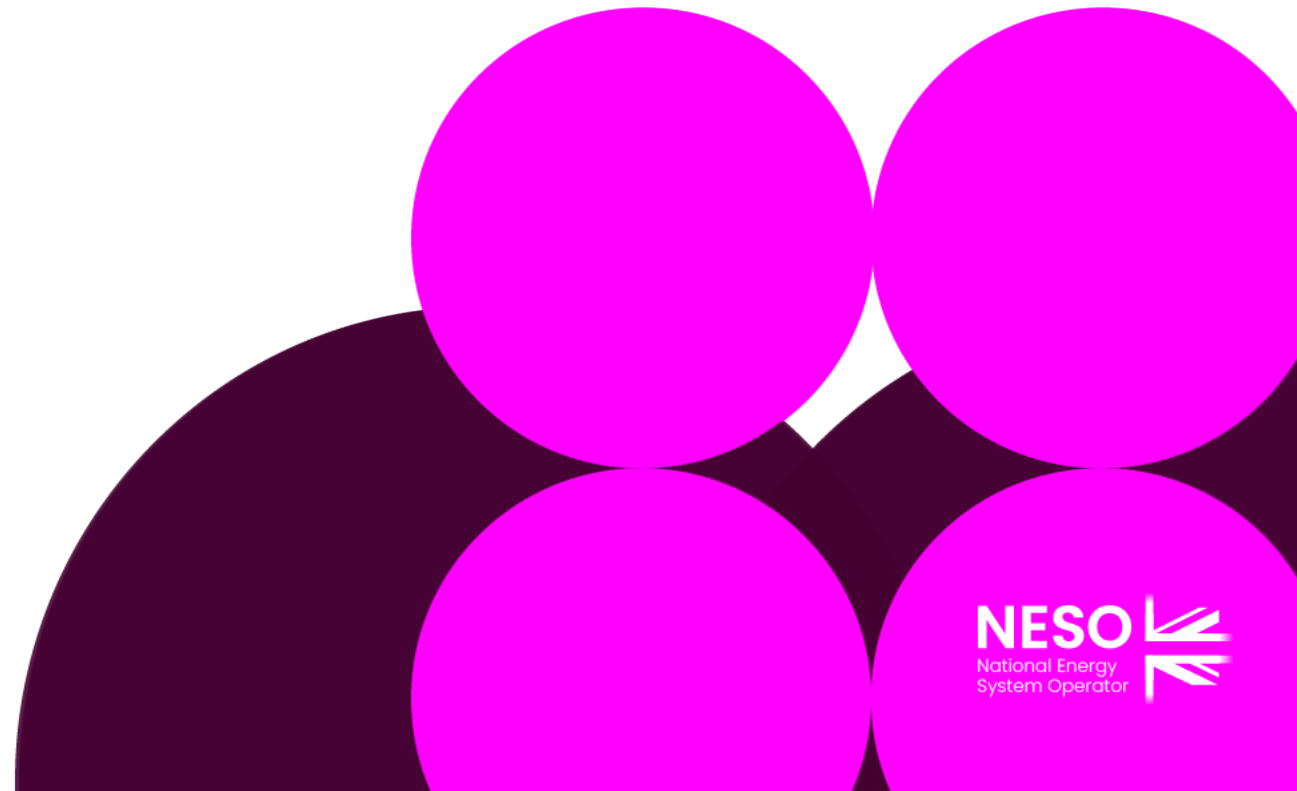
# GC0168 Next Steps

Milestone	Date
Code Administrator Consultation (1 calendar month)	30 June 2025 to 30 July 2025 5pm
Draft Final Modification Report issued to Panel	13 August 2025
Draft Final Modification Report presented to Panel	21 August 2025
Final Modification Report issued to Panel to check votes recorded correctly (5 Business Days)	26 August 2025 to 02 September 2025
Submission of Final Modification Report to Ofgem	03 September 2025
Ofgem decision date	In line with modification CM097 and future CUSC modification relating to cost recovery.
Implementation Date	In line with modification CM097 and future CUSC modification relating to cost recovery.

# Workgroup Report

GC0174: Review of obligations to  
provide EU Transparency Availability  
Data as specified in OC2.4.7

Lizzie Timmins



# Solution and Workgroup Vote

## **Solution:**

- To amend Grid Code Section OC2.4.7 as this is referencing the requirements to provide specific data detailed in Schedule 6 of the Data Registration Code (DRC) which is also being amended under this proposal.

## **Summary of Workgroup Vote:**

- Out of the 3 votes, the Workgroup concluded unanimously that the Original solution better facilitated the Applicable Objectives than the Baseline.
- No Alternative solutions were raised.



# Terms of Reference

The Workgroup conclude that they have met their Terms of Reference, and the references can be located below:

Workgroup Term of Reference	Location in Workgroup Report
a) Implementation and costs;	Page 9
b) Review draft legal text should it have been provided. If legal text is not submitted within the Grid Code Modification Proposal the Workgroup should be instructed to assist in the developing of the legal text;	Page 7, Page 8 and Annex 03
c) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report; and	Page 9
d) Consider implications to sections linked to the Regulated Sections of the Grid Code	Page 8 and page 9
e) Confirm where the obligation to provide the proposed data items to be removed are set out in other industry codes, licences or otherwise.	Page 6
f) Consider any implications on Users submitting REMIT data.	Page 7 and page 8

# GC0174 Asks of Panel

- **AGREE** that the Workgroup have met their Terms of Reference
- **AGREE** that this Modification can proceed to Code Administrator Consultation
- **NOTE** that this Modification does impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** the ongoing timeline

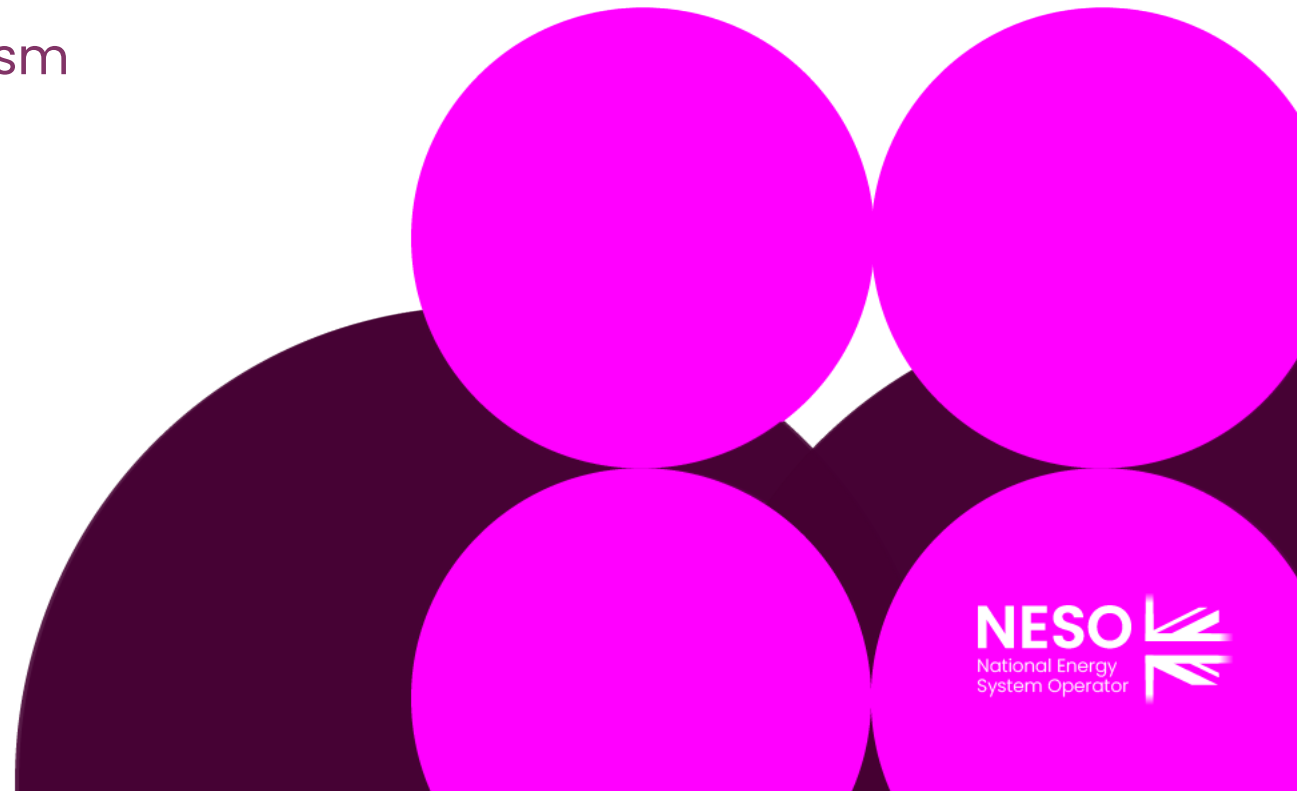
# GC0174 Next Steps

Milestone	Date
Code Administrator Consultation (1 calendar month)	27 June 2025 to 5pm on 28 July 2025
Draft Final Modification Report issued to Panel	13 August 2025
Draft Final Modification Report presented to Panel	21 August 2025
Final Modification Report issued to Panel to check votes recorded correctly (5 Business Days)	26 August 2025 to 02 September 2025
Submission of Final Modification Report to Ofgem	03 September 2025
Ofgem decision date	TBC
Implementation Date	10 Business Days following Authority decision

# Draft Final Modification Report

GC0166: Introducing new Balancing Mechanism  
Parameters for Limited Duration Assets

Lizzie Timmins (Panel Secretary)



# Solution

## **Solution summary:**

This modification seeks to introduce new parameters that will allow the better use of Electricity Storage Modules within the Balancing Mechanism (BM), with all Balancing Mechanism Units (BM Units) required to submit the new parameters.

This involves introduction of new parameters, Maximum Delivery Offer (MDO) and Maximum Delivery Bid (MDB), that will be defined in the Balancing Code (BC) section of the Grid Code. As well as introducing additional defined terms into the Glossary and Definitions to enable the new parameters, MDO, MDB and Future State of Energy (FSOE). There will also be changes required to the Data Validation, Consistency and Defaulting Rules.



# Code Administrator Consultation Responses

## Summary of Code Administrator Consultation Responses:

The Code Administrator Consultation was run from 06 May 2025 to 06 June 2025 and received 7 non-confidential responses and 0 confidential responses. Key points were:

- 6 respondents preferred the Original solution to the Baseline. 1 respondent stated they had no preference. This respondent expressed support for the introduction of MDO and MDB but felt there was unnecessary complexity in the implementation method for this modification.
- 3 respondents supported the implementation approach, but 4 did not.
- All respondents agreed that the modification does impact the Electricity Balancing Regulation (EBR). 2 respondents stated that the modification had a positive impact on the EBR Objectives. 1 respondent argued that some EBR Objectives had not been fully met by the modification.
- 1 respondent raised a legal text issue. The respondent expressed concern with the lack of clarity and general quality of the legal text drafting. The respondent felt guidance/examples were not comprehensive enough for parties to fully understand what is required of them and how it would be implemented in practice.

# GC0166 Asks of Panel

- **NOTE** that the modification legal text has been rebaselined following Code Administrator Consultation
- **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

# GC0166 Next Steps

Milestone	Date
Final Modification Report issued to Panel to check votes recorded correctly (5 Business Days)	30 June 2025 to 07 July 2025
Submission of Final Modification Report to Ofgem	08 July 2025
Ofgem decision date	TBC
Implementation Date	10 Business Days after Authority Decision

# EBR Article 3 Objectives

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

This Regulations 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.

# 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
GC0166	3 (before CAC)	3 (before CAC)	Introducing new Balancing Programme Parameters for Limited Duration Assets
GC0176	3	3	Introduction of Demand Control Rotation Protocol within Operating Code 6 of the Grid Code
GC0178	4	4	Temporary Overvoltage – Specification of Limits and Clarification of Obligations
GC0168	5	5	Submission of Electro Magnetic Transient (EMT) Models
GC0174	6	6	Removal of obligation to provide EU Transparency Availability Data as specified in OC2.4.7
GC0169	7	7	Material changes identified from Grid Code Modification GC0136 and Consistency of requirements between the Connection Conditions and European Connection Conditions
GC0173	7	7	Consistency of Technical and Compliance Requirements between GB and European Users
GC0164	8	8	Simplification of Operating Code No.2
GC0103	9	9	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes
GC0179	10	10	Removal of Balancing Code No.4 from the Grid Code
GC0140	11	11	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions

# Grid Code Development Forum – Update

**The GCDF meeting on 07 May was cancelled.**

**Next GCDF will take place on Wednesday 02 July 2025**

Deadline for July Agenda items – 23 June 2025, with the following agenda items proposed so far:

- Power Park Module (PPM) Reactive Power Provision Below Rated MW Output
- Proposed Introduction of a Meter Polarity Standard into the Grid Code
- Submission of Data in Real Time or by Means of CSV File

Final Agenda items TBC.

## Standing Items

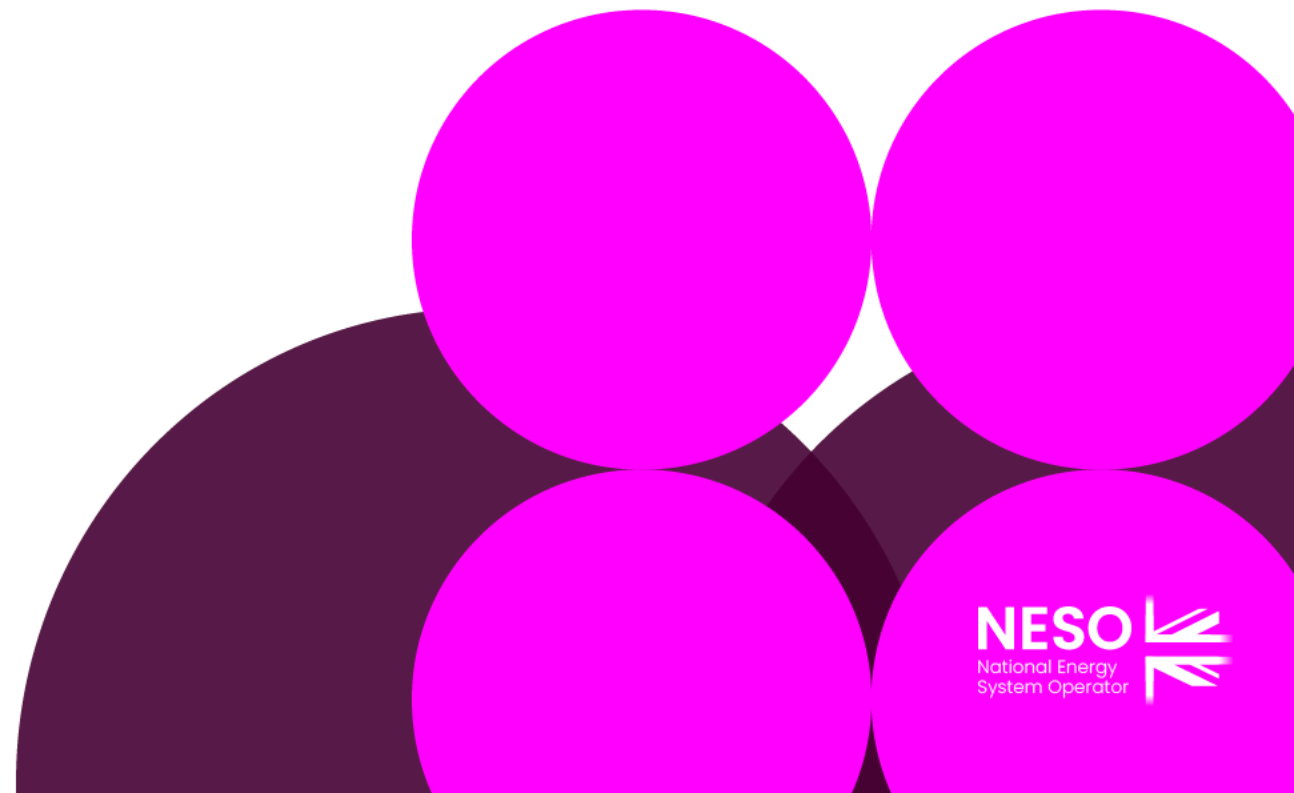
*Updates on all developments relevant to Grid Code Panel e.g. potential for future governance changes or modifications*

- Distribution Code Panel update (Graeme Vincent)
- JESG Update (information only)
  - Previous meeting – [10 June 2025](#)
  - Next meeting – [08 July 2025](#)

## Updates on other industry codes

21 May STC [Panel Papers and Headline Report](#)

23 May 2025 CUSC [Panel Papers and Headline Report](#)





## Code Administrator Update

- Recruitment Update for Independent Chairperson
- 2026 Panel Dates

# Proposed 2026 Grid Code Review Panel Dates

Panel Date	Papers Day	Modification Deadline	Bank Holidays
29 January	21 January	14 January	01 January
26 February	18 February	11 February	
26 March	18 March	11 March	
23 April	15 April	08 April	03 April and 06 April
21 May	13 May	06 May	04 May and 25 May
25 June	17 June	10 June	
30 July	22 July	15 July	
27 August	19 August	12 August	31 August
24 September	16 September	09 September	
29 October	21 October	14 October	
26 November	18 November	11 November	
10 December	02 December	25 November	25 December and 28 December

GR.8.1 Meetings of the **Grid Code Review Panel** shall be held at regular intervals and at least every 2 months at such time and such place as the **Grid Code Review Panel** shall decide.

# Activities ahead of the next Panel Meeting

<b>Grid Code Development Forum</b>	02 July 2025
<b>Modification Proposal Deadline for July Panel</b>	09 July 2025
<b>Papers Day</b>	16 July 2025
<b>Panel Meeting</b>	24 July 2025 Faraday House

# Close

**Penny Garner**

Acting Independent Chair, Grid Code Review Panel