



Grid Code Review Panel

Thursday 22 August 2024

Microsoft Teams

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 July 2024



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/LT	August 2024	As of July 2024, the ECR team do not yet have an update to provide. This is anticipated to follow in a couple of months.
459	Open	Process flow for new sections in code created that may fall into EBR	30/05/2024	SW	August 2024	Terms of Reference templates updated to reflect Electricity Balancing Regulation consideration as standard for all modifications. SW will return to October GCRP to provide EBR update.
460	Open	Confirm when the modification looking into CP.A.3.2.1 will be raised. As this is no longer being picked up by GC0169/GC0173.	27/06/2024	AJ/CN	August 2024	AJ has reached out internally to investigate this.
462	Open	Confirm whether a Workgroup Consultation is required for all modifications which progress to Workgroup	25/07/2024	LT	August 2024	
463	Open	Liaise with AF to confirm what is required for the Panel Recommendation Vote and ensure consistency between the Governance Rules, Voting Form and DFMR following the outcome of this.	25/07/2024	LT	August 2024	Explanation added to process flow diagram, to explain what Vote 1 and Vote 2 means. Questions aligned on DFMR and voting form.



Chair's Update

No Authority Decisions received since the previous Grid Code Review Panel meeting.

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

Lizzie Timmins, Code Administrator

GC0139: Enhanced Planning-Data Exchange to Facilitate Whole System Planning Timeline Update

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem	Implementation Date
Previous timeline	16 October 2024	22 January 2025	12 February 2025	10 business days after decision
New timeline	22 January 2025	19 March 2025	09 April 2025	10 business days after decision

Rationale: Further time required to review legal text and ensure terminology used is consistent.

Workgroups Remaining: 5

Ask of Panel: Agree revised timeline

GC0164: Simplification of Operating Code No.2 Timeline Update

	Workgroup Report issued to Panel	DSGFMR issued to Panel	Appeals Window	Implementation Date
Previous timeline	14 August 2024	16 October 2024	06 November 2024 to 27 November 2024	02 December 2024
New timeline	16 October 2024	04 December 2024	02 January 2025 to 23 January 2025	30 January 2025

Rationale: Further Workgroups required to enable wider industry feedback to be considered, along with further assessment of the legal text.

Workgroups Remaining: 3

Ask of Panel: Agree revised timeline



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.”

Update following presentation of the Draft Final Modification Report to the May 2024 Grid Code Review Panel meeting

- The Draft Final Modification Report was originally presented to the May 2024 Grid Code Review Panel.
- The Panel considered the suggested legal text amendment which was raised as part of the Code Administrator Consultation, with the ESO representative noting that their legal team were comfortable with the suggested change.
- One Panel member raised concerns that the absence of CATO Licence details could lead to future inconsistencies within the legal text, as the existence of a CATO Transmission Area was unclear.
- The Panel directed the ESO to seek policy guidance from the Authority and agreed that this would be required prior to progressing to the Panel Recommendation Vote.
- The Authority noted that they intend for CATOs to have a defined Transmission Area in their Licence. They stated that the original definition of Relevant Transmission Licensee as proposed in the Code Administrator Consultation would seem the most fit-for-purpose to ensure that the definition in the Grid Code is consistent with the future CATO regulatory regime.

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, or whether or not the proposed changes are required
- **NOTE** that this Modification does impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** that this Modification does impact the Network Code on Emergency Restoration (NCER) Article 4(4) Terms and Conditions for System Defence and System Restoration Service Providers to 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	22 August 2024
Final Modification Report issued to Panel to check votes recorded correctly (5 business days)	27 August 2024 to 03 September 2024
Submission of Final Modification Report to Ofgem	04 September 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.

Break

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	3	Introducing new Balancing Programme Parameters for Limited Duration Assets
GC0168	4	4	Submission of Electro Magnetic Transient (EMT) Models
GC0174	New modification	5	Removal of obligation to provide EU Transparency Availability Data as specified in OC2.4.7
GC0169	5	6	Material changes identified from Grid Code Modification GC0136 and Consistency of requirements between the Connection Conditions and European Connection Conditions
GC0173	5	6	Consistency of Technical and Compliance Requirements between GB and European Users
GC0159	(5 before CAC)	(5 before CAC)	Introducing Competitively Appointed Transmission Owners
GC0164	6	7	Simplification of Operating Code No.2
GC0103	7	8	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes
GC0140	8	9	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions

Section GR3.2 (b) Without prejudice, the Grid Code Review Panel shall endeavour at all times to operate. (i) in an efficient, economical and expeditious manner, taking account of the complexity, importance and urgency of particular Grid Code Modification Proposals. (ii) and with a view to ensuring that the Grid Code facilitates achievement of the Grid Code Objectives.

Complexity	The defect addressed by the proposed has implications for many different areas of the energy system which need to be taken into consideration throughout the process. The technical complexity and cross code impact of the modification will most likely require significant use of industry time and a higher than average number of workgroups to conclude the process.
Importance	The perceived value & risk associated with the proposed modification. The value / risk could be considered from a number of different perspectives i.e. financial / regulatory / licence obligations both directly for customer and end consumers more generally.
Urgency	A proposed modification which requires speedy consideration within the code governance process, as well as the timescales for implementation within the respective code.

Grid Code Development Forum – Previous and Next

Claire Newton, ESO

7 August 2024

Overview of RfG2.0, DCC2.0 & HVDC2.0

The ESO shared an overview of RfG2.0 & DCC2.0 following the consultations issued in 2023 & HVDC2.0 following the publication of the current open consultation.

GB Grid Forming (GBGF) – Further Code Change Proposals

A presentation was shared which provided an overview of GB Grid Forming (GBGF) to date, with the development of an Expert Group to discuss further proposed changes to the Grid Code in respect of GBGF.

Development of a portal for submitting Grid Code data

The ESO are developing an online portal for users to submit Grid Code data that is currently submitted in the format specified as part of the Data Registration Code (DRC). A presentation was shared giving an overview of the portal and current progress made to date.

4 September 2024 (Deadline for Agenda items - 28 August)

Agenda items TBC

Standing Items

- Distribution Code Panel update (Graeme Vincent)
- JESG Update (information only)
 - Previous meeting – 13 August 2024 (cancelled)
 - Next meeting – 10 September 2024



Updates on other industry codes

26 July 2024 CUSC [Panel Papers and Headline Report](#)

31 July 2024 STC [Panel Papers and Headline Report](#)

01 August 2024 SQSS [Panel Papers and Headline Report](#)

Challenges to Modification Progress

(February, May, August, November)

	May		June		July	
	Count	Mods affected	Count	Mods affected	Count	Mods affected
Delay in DFMR Vote	1	GC0159	0	-	0	-
Legal Text Delay	1	GC0164	0	-	0	-
Modification complexity	0	-	0	-	1	GC0166

Horizon Scan

(February, May, August, November)

Codes Affected	Legislative, Regulatory or Industry Change Overview	Published Content
Grid Code and DCode	<p>Digitalised Whole System Technical Code (dWSTC) will include 3 key workstreams; Alignment, Simplification & Rationalisation; Training and Guidance and the Digitalisation of Grid Code.</p> <p>GC0164 is ongoing to simplify OC2 however the other sections of the code will follow.</p>	dWSTC webpage
Grid Code	<p>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.</p> <p>GC0166 is ongoing to raise new Dynamic Parameters for Short Duration BMU Assets. Conversations are ongoing with the Balancing Programme team to ascertain further code change requirements.</p>	Balancing Programme website
Grid Code, CUSC, SQSS and STC	<p>The Offshore Coordination Project has been set up by the ESO with support from Ofgem and the Department for Business, Energy & Industrial Strategy.</p> <p>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.</p> <p>One SQSS modification has been raised with Grid Code modifications to follow later in the year.</p>	ESO Offshore Coordination Project Page
Grid Code, CUSC and STC	<p>Replacement of Fax Machines in the ESO Control Room</p> <p>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.</p> <p>One STC modification (CM099) has been raised; the appeals window opened on 01 August 2024 and will close on 21 August 2024, with implementation planned for 30 August 2024. Grid Code, CUSC and STCP Proposals are currently expected to be raised in September 2024.</p>	CM099 modification page



Code Administrator Update



Any Other Business

Activities ahead of the next Panel Meeting

Grid Code Development Forum

04 September 2024

**Modification Proposal Deadline for September
Panel**

11 September 2024

Papers Day

18 September 2024

Panel Meeting

26 September 2024
Microsoft Teams

Close



Trisha McAuley

Independent Chair, Grid Code Review Panel