



Grid Code Review Panel

Thursday 27 July 2023

Online Meeting via 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

29 June 2023



Action Log





Chair's Update

Authority Decisions and Update (as at 19 July 2023)



Decisions Pending

- ☐ [GC0148: Implementation of EU Emergency and Restoration Code Phase II](#)

Decisions Received since last Panel meeting

- ☐ None

Received Final Modification Reports since last Panel Meeting

- ☐ None [GC0156: Facilitating the Implementation of the Electricity System Restoration Standard](#) (to be sent on 24 July 2023)

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

Milly Lewis, Code Administrator

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

Update: Workgroup 1 agreed the need for a sub-group to explore the technical feasibility of harmonisation across the current RES and consequently extended the timeline. Workgroup 2 on 19 July agreed that the sub-group will need to convene in order to gauge the scale of the mapping exercise and therefore assess the duration of the sub-group phase.

A revised timeline will be provided as soon as possible.

GC0117: Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of Power Stations requirements Title and Timeline Update

In September 2021 the Workgroup requested the title be updated in refer to ‘Power Stations’ rather than “Power Generating Module”, whilst various modification documentation has updated the Panel approval for this change has not been officially recorded.

Ask of Panel: Agree the retrospective change of title for the modification

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem
Previous timeline	16 August 2023	18 October 2023	07 November 2023
New timeline	TBC	TBC	TBC

Rationale: More time is required for the Workgroup to undertake analysis for WAGCM1 (Workgroup Alternative Grid Code Modification).

Workgroups Remaining: 3-4 dependent on analysis

Ask of Panel: Allow for the timeline to be TBC until the next Workgroup on 08 August 2023

GC0159: Introducing Competitively Appointed Transmission Owners

Timeline Update

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem
Previous timeline	20 September 2023	15 November 2023	04 December 2023
Provisional timeline	16 November 2023	17 January 2024	07 February 2024

Rationale: The enabling legislation is not expected to be approved by Parliament ahead of the Summer recess on 20 July 2023. A decision is anticipated to be announced between September – October 2023. The above timeline has been prepared by the Code Administrator ahead of agreement with the Workgroup as provisional dates.

Workgroups Remaining: 2

Ask of Panel: Agree revised timeline or agree to leave as TBC until there is confirmation of the decision

Live Grid Code Modification Consultations




- **Workgroup Consultation:** GC0154: Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119 will close at 5pm 03 August 2023
- **Code Administrator Consultation:** GC0161: Changes to OC6 to allow for site protection will close at 5pm 17 August 2023



Panel Tracker

Milly Lewis, Code Administrator

Prioritisation Stack

Grid Code - Prioritisation Stack




Mod Number	Previous Priority No:	Priority No	Title
GC0161	1	1	Changes to OC6 to allow for site protection and demand disconnect rotation
GC0139	2	2	Enhanced Planning Data Exchange to Facilitate Whole System Planning
GC0117	4	3	Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements
GC0154	5	4	Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119
GC0155	6	5	Clarification of Fault Ride Through Technical Requirements
GC0103	7	6	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes
GC0159	8	7	Introducing Competitively Appointed Transmission Owners
GC0140	9	8	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions

Grid Code Development Forum – Previous and Next

5 July 2023

Creation of new EDL Reason Codes

A presentation was shared in relation to the proposal of additional EDL Reason Codes to support the reform of Frequency Response Services. This will require updates to the “EDL Instruction Interface – Valid Reason Codes” Document.

This will be presented at the July Grid Code Review Panel to start to the formal process of review and approval.

Digitalised Whole System Technical Code – Operating Code No.2 simplification – Frank Kasibante, ESO

An update was shared on the progress of the simplification of Grid Section, Operating Code No.2 (OC2), prior to the submission of the proposal at a future Grid Code Panel.

2 August 2023 (Deadline for Agenda items - 26 July)

Final Agenda items TBC.



Standing Items

- Distribution Code Panel update (Alan Creighton)
- JESG Update (information only)
 - 11 July meeting cancelled
 - Previous meeting – 13 June 2023 [Meeting materials and Headline Report](#)
 - Next meeting – 08 August 2023



Updates on other industry codes



Proposed Additional Reason Codes

Frequency Response

Vicky Allen

ESO

Background

Ancillary Service Reform: Improving Disarming & Re-arming for Stacking

- The new suite of dynamic frequency response services have been live and in an operational state for 2 years.
- They have attracted many new providers which is expected to increase. This increase, along with the service needs, has placed new demands on the ENCC, which the original systems were not designed to cater for.
- As part of our work to reform frequency response we need to evolve the solution for how the control room disarm and re-arm response services.
- These changes will support the further evolution of our services.
- The current situation for the disarming & re-arming feature is:
 - There is a single disarm reason code for all the services whilst rearming can be done by service.
 - ENCC colleagues have requested enhancements to this capability including the ability to disarm by service.
- Therefore, new reason codes need to be introduced into service and the IT systems.
- A number of existing codes will be removed based on Service Provider feedback that it is easier to implement with the codes by individual service rather than grouped.

What are we proposing?

The introduction of 6 new additional reason codes for Response Disarming.

Deleting 4 existing reason codes for Response Disarming and Re-arming.

Proposed Additional Reason Codes		Existing Reason Codes (to be deleted)	
Disarm		Disarm	
XCL	Dynamic Containment Low Response	DNS	Cease Contracted Response Service(s) at the Start time
XCH	Dynamic Containment High Response	Re-arm	
XML	Dynamic Moderation Low Response	DC	Dynamic Containment Response should resume at the Start time
XMH	Dynamic Moderation High Response	DM	Dynamic Moderation Response should resume at the Start time
XRL	Dynamic Regulation Low Response	DR	Dynamic Regulation Response should resume at the Start time
XRH	Dynamic Regulation High Response		

Documents to update

- The below Technical Standards of the Grid Code will need updating:

[EDL Instruction Interface – Valid Reason Codes](#) - add 6 and delete 4 reason codes to the list in section 2

Why change:

Business Benefit:

- Improved System Security – Features will enable control room to better protect system security by giving the ENCC more control over how they disarm and rearm
- Market Impact – Increased ENCC ability to control the dynamic products will enable further evolution of efficient markets
- Time Saved – Improved ENCC processes leading to faster operations and reduced risk of mistakes

When we expect these changes to be in place

- Our aim is to have these new reason codes in place by Spring 2024

Delivery Plan:

Month FY23 / Work Stream	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24
Analysis & Design	<div></div>											
Decision Point	<div></div>											
Provider Testing (1)	<div></div>											
Delivery Slot 1	<div></div>											
Provider Testing (2)	<div></div>											
Delivery Slot 2	<div></div>											

- There are 2 possible delivery dates for this change: 1) March 2024 or 2) June 2024
- We will be making the decision as to which delivery date we are aiming for in October 2023
- Provider testing will be voluntary and will be available for 6 weeks in advance of the delivery date



Any Other Business

Activities ahead of the next Panel Meeting

Grid Code Development Forum

02 Aug 2023

Modification Proposals to be submitted

09 Aug 2023

Papers Day

16 August 2023

GC0161 Draft Final Modification Report Papers

22 August 2023

Panel Meeting

24 Aug 2023
Teams Meeting

Close



Rob Marshall

Acting Independent Chair, Grid Code Review Panel