



Grid Code Review Panel

Thursday 30 March 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

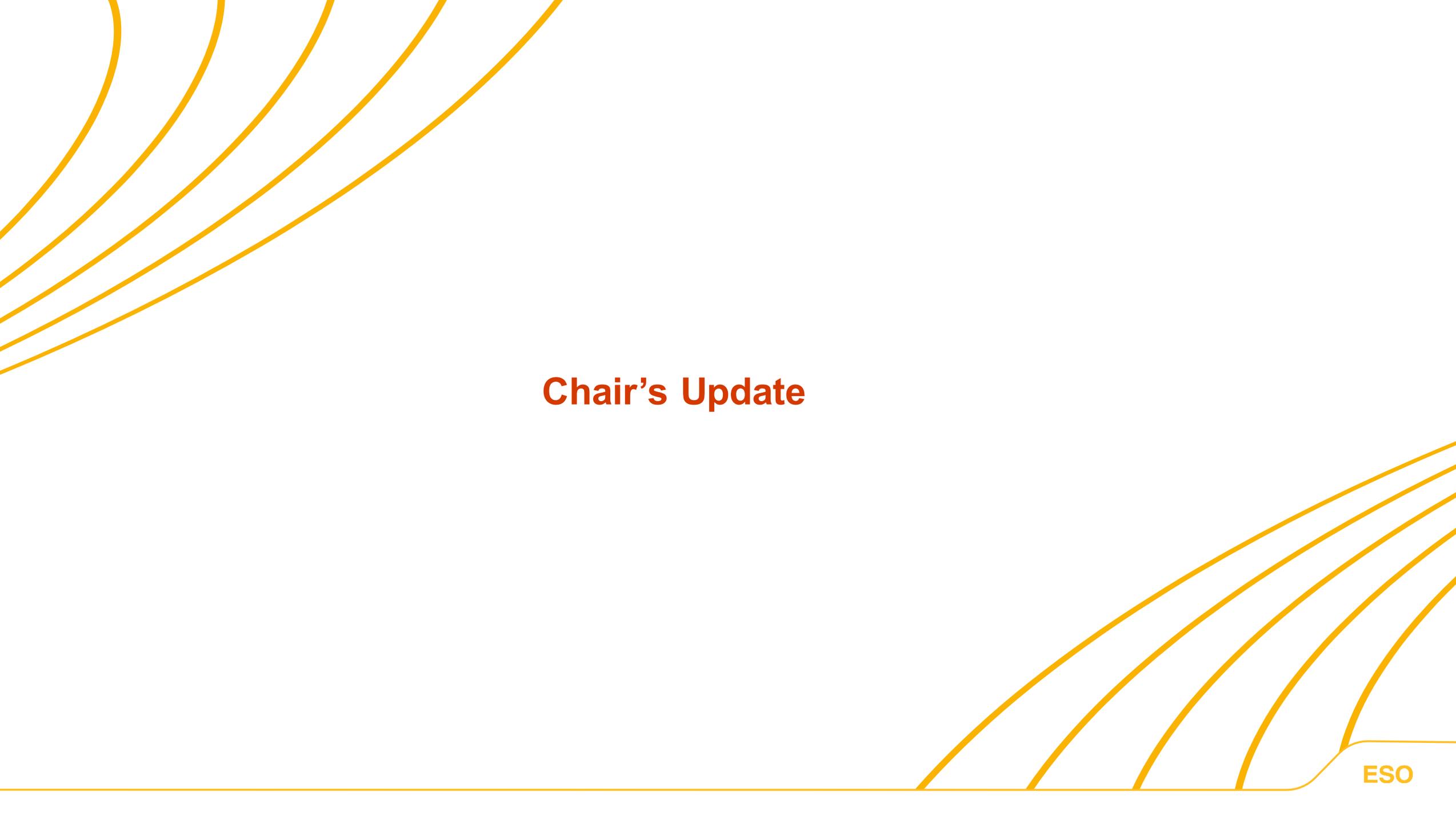
Approval of Panel Minutes from the Meeting held

23 February 2023



Action Log





Chair's Update

Authority Decisions and Update



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

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

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem
Previous timeline	TBC	TBC	TBC
New timeline	21 June 2023	16 August 2023	11 September 2023

Rationale: The timeline for the CBA completion has been confirmed enabling the final Workgroup to take place.

Workgroups Remaining: 1

Ask of Panel: Agree revised timeline

GC0156: Facilitating the Implementation of the Electricity System Restoration Standard Timeline Update

	Workgroup Report issued to Panel	DFMR issued to Panel	FMR issued to Ofgem
Previous timeline	21 March 2023	17 May 2023	05 June 2023
New timeline	19 April 2023	21 June 2023	11 July 2023

Rationale: More time was required for the Workgroup to review and agree the updated draft legal text in order to complete the Workgroup Vote.

Workgroups Remaining: No Workgroup Meetings are planned post 30 March 2023

Ask of Panel: Agree revised timeline

GC0159: Introducing Competitively Appointed Transmission Owners Request to change Terms of Reference

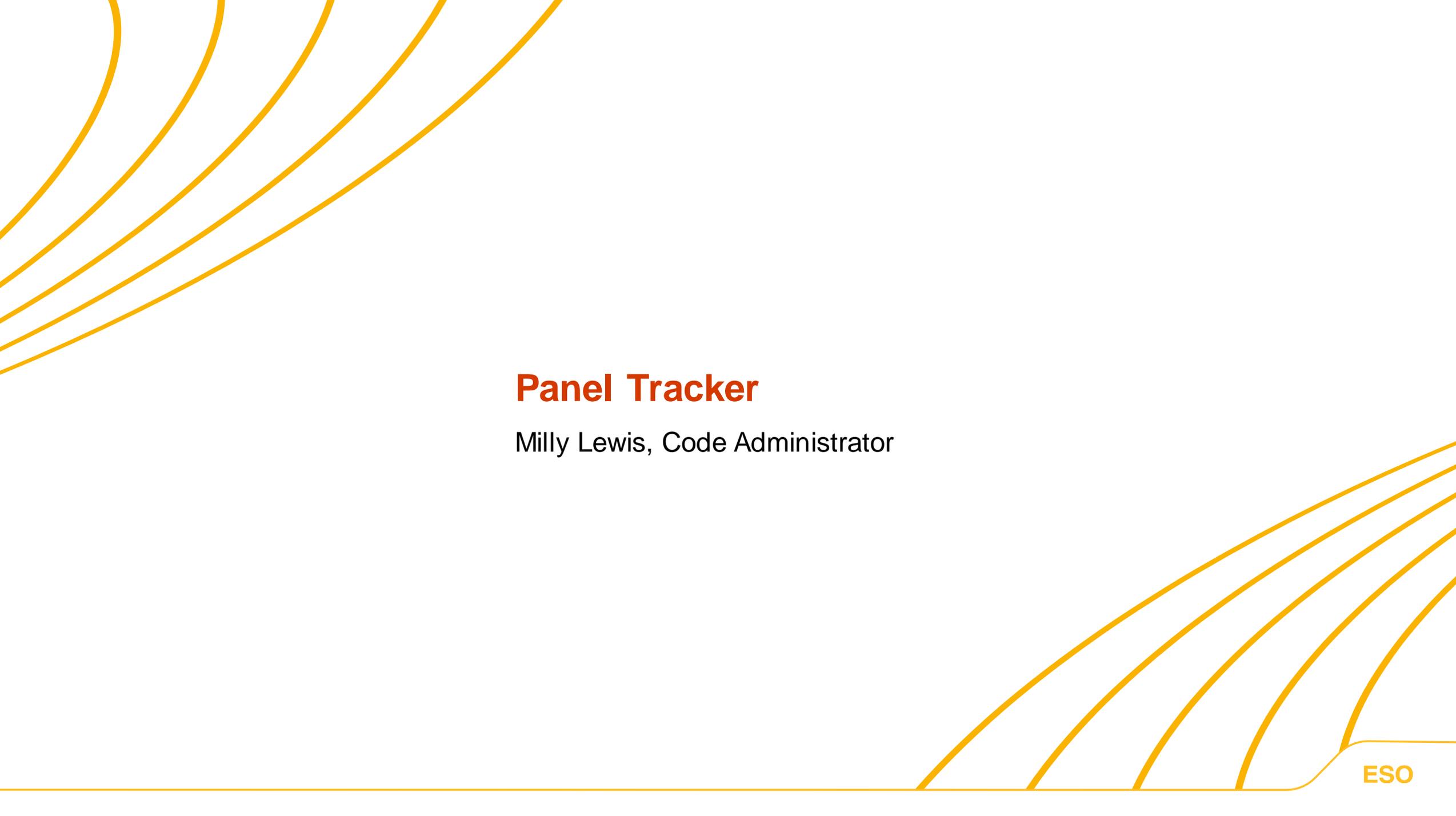
The Workgroup would like to include the following within their Terms of Reference:

Additional Workgroup Term of Reference

Ensure that the proposed Grid Code changes effectively implement the CATO regime in a proportionate manner, adopting minimum necessary change whilst also ensuring that the new arrangements are future proofed as much as possible.

GC0159 - the asks of Panel

- **AGREE** the amended/ additional points within Terms of Reference

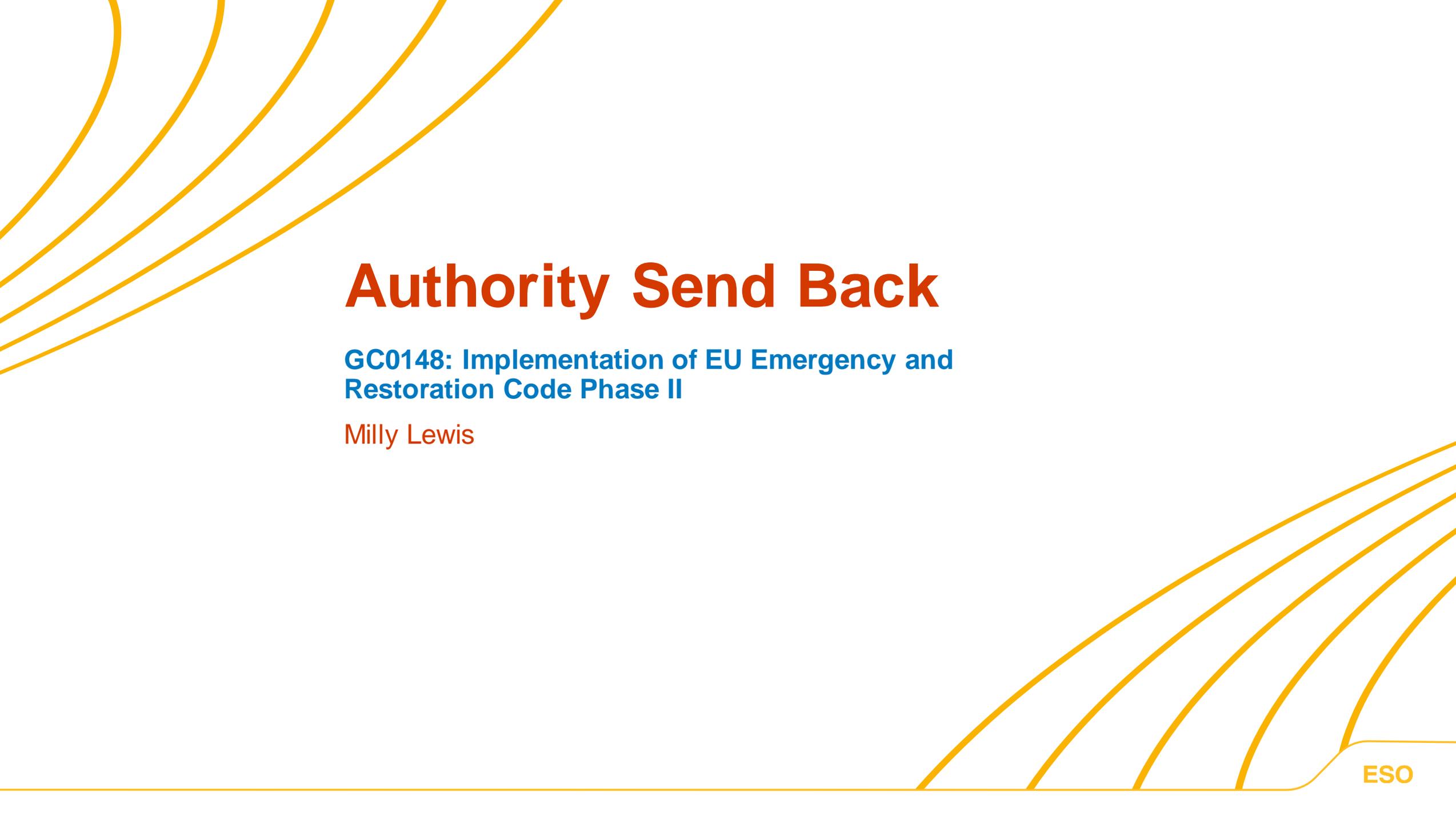


Panel Tracker

Milly Lewis, Code Administrator

Prioritisation Stack

Mod Number	Previous Priority No:	Priority No	Title
GC0148	1	1	Implementation of EU Emergency and Restoration Code Phase II
GC0139	2	2	Enhanced Planning Data Exchange to Facilitate Whole System Planning
GC0156	3	3	Implementation of the Electricity System Restoration Standard
GC0117	4	4	Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements
GC0154	5	5	Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119
GC0155	6	6	Clarification of Fault Ride Through Technical Requirements
GC0103	9	7	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes
GC0159	7	8	Introducing Competitively Appointed Transmission Owners
GC0140	8	9	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions



Authority Send Back

GC0148: Implementation of EU Emergency and Restoration Code Phase II

Milly Lewis

GC0148 – Governance Rules for Send-Backs

GR.22.11 If the **Authority** determines that the **Grid Code Modification Report** is such that the **Authority** cannot properly form an opinion on the **Grid Code Modification Proposal** and any **Workgroup Alternative Grid Code Modification(s)**, or where the **Grid Code Modification Proposal** and/or any **Workgroup Alternative Grid Code Modification(s)** constitutes an amendment to the **Regulated Sections** of the code, where the **Authority** requires an amendment to the **Grid Code Modification Proposal** and/or any **Workgroup Alternative Grid Code Modification(s)** in order to approve it, it may issue a direction to the **Grid Code Review Panel**:

- (a) specifying the additional steps (including drafting or amending existing drafting associated with the **Grid Code Modification Proposal** and any **Workgroup Alternative Grid Code Modification(s)**, revision (including revision to the timetable), analysis or information that it requires in order to form such an opinion; and
- (b) requiring the **Grid Code Modification Report** to be revised and to be resubmitted.

GR.22.12 If a **Grid Code Modification Report** is to be revised and re-submitted in accordance with a direction issued pursuant to GR.22.11, it shall be re-submitted as soon after the **Authority's** direction as is appropriate (and in the case of an amendment to the areas set out in table 1 of the GR.B annex which details the **Regulated Sections** of the code within 2 months), taking into account the complexity, importance and urgency of the **Grid Code Modification Proposal** and any **Workgroup Alternative Grid Code Modification(s)**. The **Grid Code Review Panel** shall decide on the level of analysis and consultation required in order to comply with the **Authority's** direction and shall agree an appropriate timetable for meeting its obligations. Once the **Grid Code Modification Report** is revised, the **Grid Code Review Panel** shall carry out its **Grid Code Review Panel Recommendation Vote** again in respect of the revised **Grid Code Modification Report** and re-submit it to the **Authority** in compliance with GR.22.4 to GR.22.6.

February 2023 Panel agreed next steps following send-back on 24 January 2023:

NOTED that Ofgem are asking the Final Modification Report and Legal Text to be updated and resubmitted.

AGREED that this needs to be assessed by a Workgroup.

AGREED the Workgroup's indicative Terms of Reference.

AGREED (following the assessment by the Workgroup) that a Code Administrator Consultation is needed to be run before it is re-presented to Panel for Recommendation Vote

GC0148 – Indicative Terms of Reference for Send Back

- Identify and clarify the issues regarding critical tools and facilities affecting parties (specifically aggregators) to comply with the provisions in the NCER.
- Propose solutions, and the associated legal text, to resolve these issues.
- Review the proposed changes to ensure there are no unintended impacts to the previous solution.

GC0148 – What have the Workgroup done?

The Workgroup met on 09 March and 15 March 2023 to address these Terms of Reference and came to the conclusion that:

- The issue for compliance was the cost associated with obligating Aggregators to be able to control, protect and monitor Plant or Apparatus, irrelevant of size, necessary for Black Start.
- That the issue could be resolved by capturing BM Participants and Virtual Lead Parties (VLPs) in a separate paragraph within the Critical Tools and Facilities definition. And then excluding VLPs from the provision to have resilient mains independence of the control of their contracted assets.

Timeline for GC0148 as at 15/03/2023

Milestone	Date	Milestone	Date
Workgroup 14 – agree timeline, review terms of reference, agree what elements of legal text need to be amended and how best to do so	9 March 2023	Panel undertake DFMR recommendation vote	25 May 2023
Workgroup 15 – finalise Legal Text, impact analysis, review output and ensure we have addressed all terms of reference	15 March 2023	Final Modification Report issued to Panel to check votes recorded correctly (5 working days)	29 May – 2 June 2023
Aggregator Forum	23 March 2023	Final Modification Report issued to Ofgem	5 June 2023
Update on how we have addressed the Terms of Reference to Panel – not for Panel approval	30 March 2023 (Papers – 22 March 2023)	Ofgem decision	TBC
Code Administrator Consultation	3 April 2023 – 3 May 2023	Implementation Date	TBC
Draft Final Modification Report (DFMR) issued to Panel	17 May 2023		

GC0148 – the asks of Panel

- **NOTE** the findings/conclusions of the Workgroup and **FLAG** if any concerns
- **NOTE** the ongoing timeline – the GC0148 legal text interacts with the proposed GC0156 solution and legal text; working on the premise that the GC0148 would need to be approved and implemented ahead of GC0156 (or sequentially ‘on the day’ with it).



Grid Code Development Forum

Jamie Webb, NGENSO

Grid Code Development Forum – Previous and Next

1 March 2023

GC0156 – An update was shared in relation to the progress of modification GC0156 – *Facilitating the Implementation of the Electricity System Restoration Standard*, and the next steps as the modification progresses through the modification process.

GC0141 outstanding actions – An updated was provided on the outstanding actions raised at the January GCDF in relation to the implementation of the GC0141 modification – *Compliance Processes and Modelling amendments following the 9th August 2019 power disruption*.

5 April 2023 (Deadline for Agenda items - 29 March)

Agenda items TBC

Standing Items

- Distribution Code Panel update (Alan Creighton)
- JESG Update (information only)
 - Previous meeting – 14 March 2023 [Meeting materials and Headline Report](#)
 - Next meeting – 09 May 2023



Updates on other industry codes

Any Other Business



Code Alignment, Simplification & Rationalisation (ASR)

Grid Code Operating Code Nr.2 (OC2) Redrafting - Status Update to GCRP

Frank Kasibante - March 2023

Code Alignment, Simplification & Rationalisation (ASR)

OC2 Simplification – progress update

1. OC2 has been redrafted. Proposing a modification relies on progress of GC0156/GC0148
2. It's unclear how GC0148 & GC0156 are going to evolve. Timelines have to be amended & engage with Ofgem regarding new milestones (**Meeting was held on 13th March 2023 with Ofgem's Regulation team**).

Option considered

- a) Refine (incorporate GC0156 changes in OC2 Redraft) and prepare to propose OC2 Modification in June/July 2023 on the assumption that GC0156 will be at or about the FMR point
- b) Assess next area of Grid Code that could benefit from ASR process and continue with that section.

Grid Code Definitions

1. Definitions are extremely difficult to tie down. There are so many definitions making it difficult to understand how and why they are all used.
2. The ASR Workstream team considered four potential options to improve the definitions which they shared with the project steering group
3. The project steering group reviewed the proposed options and advised on an approach to take.

Option considered

- a) Start considering the difficult definitions, e.g., Gensets/Generating sets
- b) Engage Legal and Commercial teams to understand/evaluate impacts of the caused by the changes to definitions
- c) Start improvements alongside scaling exercise
- d) Collaborate with Dcode on definitions alignment

Next Steps

Carry on with OC2, consider to do one or two more sections after assessing evolution of OC2. Use learnings of OC2 to look at next section. Continuous engagement with Ofgem's regulation team during this year to negotiate any future milestones ensuring they align with the ECR work.

Alignment, Simplification & Rationalisation Workstream (ASR) – Definitions redrafting options

1 – Rewrite section by section; unchanged definitions	<ul style="list-style-type: none">• Easiest/quickest rewrite.	<ul style="list-style-type: none">• Leaves the complex and confusing interlocking definitions (particular for generating plant) all in place.
2 – Rewrite section by section; modify definitions	<ul style="list-style-type: none">• Relatively easy for the new sections.• Resolves the complexity of the definitions	<ul style="list-style-type: none">• Creates significant work in that every other section will need to be checked for the changed definitions, and in some cases, other sections will need modifying too.
3 – Rationalize definitions first	<ul style="list-style-type: none">• Resolves the complexity of definitions	<ul style="list-style-type: none">• Risks being based on old needs and approach.• Will need to review usage in the whole of the Code.• Cannot be used until first new sections drafted.• Detailed drafting work likely to uncover new necessary tweaks.• Whole Code needs to be redrafted for approval at once – or reverts to approach 4
4 – Rewrite; create new definitions for new text.	<ul style="list-style-type: none">• Fairly easy rewrite• Resolves the complexity of definitions	<ul style="list-style-type: none">• Requires a new and old glossary to be in use at the same time until whole code rewritten.

Code Simplification & Rationalisation - Key Insights

The data shows that more Engineers use the Grid Code than all other categories combined

1 Respondents to the ASR survey and OC2 Redraft indicated that simplification and rationalisation will provide benefits to the code user

2 82 pages of definitions in the Grid Code and multiplicity of definitions makes it difficult for the user. Simplification/Rationalisation of definitions could deliver value to the code user

3 This piece of work could develop a principle/template to assist with developing streamlined legal text for in-flight or upcoming Mods, that is based on simplified text

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Industry engagement

- Grid Code Development Forum (GCDF)
- The Energy Networks Association (ENA)
- Distribution Code Review Panel (DCRP)
- Grid Code Review Panel (GCRP)
- Renewable UK
- The Association for Decentralised Energy (ADE)
- The Association of Manufacturers and suppliers of Power generating Systems (AMPS)
- Code Administrators Code of Practice (CACoP)
- Transmission Charging Methodologies Forum (TCMF)
- Elexon
- DCUSA
- University of Birmingham
- OC2 Forum
- Ofgem
- Bilateral Meetings
- ASR Workgroup
- Independent Networks Association

Next Panel Meeting

**Modification Proposals to be
submitted by 12 April 2023**

Papers Day – 19 April 2023

**10am on 27 April 2023 - Faraday
House**

Close



Trisha McAuley
Independent Chair, GCRP