

Grid Code Review Panel

24 February 2022

Grid Code Review Panel Minutes

Date: 24/02/2022 **Location:** Microsoft Teams
Start: 10:00am **End:** 14:00pm

Participants

Attendee	Initials	Company
Trisha McAuley	TM	Independent Panel Chair
Nisar Ahmed	NA	Code Administrator Representative
Banke John-Okwesa	BJO	Panel Technical Secretary, Code Administrator
Alan Creighton	AC	Panel Member, Network Operator Representative
Alastair Frew	AF	Panel Member, Generator Representative
Antony Johnson	AJ	Alternate, National Grid ESO Representative
Christopher Smith	CS	Panel Member, Offshore Transmission Operator Representative
Graeme Vincent	GV	Alternate, Network Operator Representative
Gurpal Singh	GS	Authority Representative
Jeremy Caplin	JC	BSC Panel Representative
John Harrower	JH	Panel Member, Generator Representative
Nadir Hafeez	NH	Authority Representative
Robert Longden	RL	Panel Member, Supplier Representative
Roddy Wilson	RW	Panel Member, Onshore Transmission Operator Representative
Sigrid Bolik	SB	Generator Representative

Observers/Presenters

Attendee	Initials	Company
Jennifer Groome	JG	Code Administrator, National Grid ESO
Iain Dallas	ID	Alternate, Generator Representative
Laetitia Wamala	LW	National Grid ESO (Presented updates of Digitalised Whole System Technical Code programme)
Sade Adenola	SA	National Grid ESO

Apologies

Attendee	Initials	Company
Guy Nicholson	GN	Panel Member, Generator Representative
Rob Wilson	RWi	Panel Member, National Grid ESO
Steve Cox	SC	Panel Member, Network Operator Representative

1. Introductions and Apologies

8921. Apologies were received from Rob Wilson, Steve Cox and Guy Nicholson.

8922. The Chair reminded Panel Members of the requirement for impartiality and of declaring potential or perceived conflicts of interest.

2. Minutes from previous meeting

8923. The meeting minutes from the Grid Code Review Panel held on 27 January 2022 were approved, subject to the incorporation of amendments requested by AC.

3. Review of actions log

8924. There were no pending actions.

4. Chair's update

8925. There were no Chair updates.

5. Authority Decisions

8926. GS advised that the decisions re **GC0137** and **GC0133** were published on 31 January 2022 and 17 February 2022 respectively.

6. New modifications

GC0156: Implementation of the Electricity System Restoration Standard

8927. Antony Johnson (AJ) from the National Grid ESO delivered a presentation on GC0156 which seeks to implement BEIS's direction in accordance with Special Condition 2.2 of National Grid's Electricity System Operator's Transmission Licence requiring implementation of an Electricity System Restoration Standard (ESRS) that would require 60% of electricity

demand to be restored within 24 hours in all regions and 100% of electricity demand to be restored within 5 days nationally. The purpose of this direction is to require that the ESO ensures and maintains an electricity restoration capability, ensures and maintains the restoration timeframe and replaces the concept of “Black Start” with “Electricity System Restoration”. This Modification is aimed at making the System more responsive to restoration measures following a Power Outage condition and ensuring a minimum standard.

8928. AJ stated that the ESO aims to develop the requirements to implement changes in the Grid Code and in the Distribution Code through a joint working group. This had been presented to the Distribution Code Review Panel on 3 February 2022. Also, AJ highlighted that there is an additional proposal to make a house keeping change to *OC5.7.1(b)(i)* which is a correction that needed to be addressed following the implementation of **GC0108**.

8929. AJ noted that a Workgroup member of the ESRS Regulatory Frameworks Working Group had raised an issue of Urgency but stated that the ESO does not support dealing with GC0156 under the urgency arrangements because there would be limited time saving (3 – 4 months at best) and significant resource implications for the industry. AJ stated that the ESO requests high prioritisation of this modification but recognises that there is significant overlap between this modification and **GC0148**. Therefore, ideally, the ESRS solution should be implemented subsequent to the implementation of **GC0148**.

8930. AJ highlighted that the ESO had reviewed the timeline for the modification and is aiming for implementation to be made by December 2022. The ESO believe that this allows enough lead time for parties to make any provisions necessary to implement the requirements by December 2026. Some Panel members expressed their concerns with the proposed timeline for this modification and that the proposed completion date of December 2022 may not be achievable considering issues that need to be addressed as per the Terms of Reference and the level of stakeholder engagement that would be required. It was also noted that the live trials for Distributed Re-Start did not conclude until the Summer of 2022 and therefore it would not be appropriate to rush the timeline. The Panel requested that the modification timeline should be modified factoring in all the points that were raised by Panel members and re-presented to the Panel at the next Panel meeting on 31 March 2022. **ACTION 417**.

8931. The Panel reviewed the Terms of Reference and agreed that the Modification meets the Standard Governance criteria and can proceed to the Workgroup phase, subject to amendment of the workgroup Terms of Reference. AJ took an action to amend the Terms of Reference for Panel approval via circulation. **ACTION 418**. The following points were raised by Panel members for amendment in the Terms of Reference:

- To clarify the interaction with the 7 Workgroups that NGENSO had previously set up to consider ESRS and include an explanatory note as to the relationship of these Workgroups and the workgroup that would be set up for **GC0156**.
- To consider including in the Terms of Reference a requirement to ensure compliance with Government Policy that no party is commercially disadvantaged as a result of the proposed modification.

7. In flight modification updates

8932. NA talked the Panel through the progression of the in-flight modifications. The in-flight modifications can be found in the Headline Report within the Grid Code Panel papers pack on the National Grid ESO website via the following link:

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-panel-meeting-30092021>

GC0117 Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements

8933. NA advised the Panel that, at the last workgroup meeting, it was established that **GC0117** could impact the SQSS (Section 11, Terms and Definitions) in relation to the definition of a Large Power Station. The SQSS Panel will be made aware of the potential impacts. NA highlighted that the Workgroup invited members of the National Grid Information Systems (IS) team to workgroup discussions in order to ensure that the delivery plans are achievable and within a reasonable budget. The IS team identified the following cost/feasibility issues:

- Cost that may be incurred through changing thresholds for Generators.
- Cost that may be incurred by NG IS through adopting a complex solution for thresholds.
- Interactions with other projects/modifications in the pipeline (e.g. the Open Networks work)

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

8934. NA advised that, on 10 January 2022, Ofgem issued its [Open Letter on The Common Information Model \(CIM\)](#) regulatory approach and the Long Term Development Statement (LTDS) on 10 January 2022. Ofgem have stated that all GB CIM implementations should use CGMES v.3 as the core data standard version of the CIM with extensions in the current Common Distribution Power System Model (CDPSM) for unbalanced network models as required.

8935. NA advised that the Code Administrator aims to restart workgroup meetings in March to assess legal text and develop options in line with the Open Letter from Ofgem. Key considerations for the workgroup are whether consultants (software providers etc) are required and engagement with the DNOs to get in house specialists in relation to the models.

GC0148 Implementation of EU Emergency and Restoration Code Phase II

8936. NA asked the Panel for a one-month delay to give enough time for amendments of the legal text proposed by AC and to enable working group discussion on the proposed legal text. The Panel agreed to a one-month delay.

7. Prioritisation Stack

8937. The Panel held discussions regarding the prioritisation of **GC0156** and due to the materiality of the reasons provided by the Proposer. The Panel concluded that, based on its significance and impact **GC0156** should be prioritised over all existing modifications with the exception of **GC0139**, **GC0141** and **GC0148**. The updated Prioritisation Stack can be found in the Headline Report via the following link:

<https://www.nationalgrideso.com/document/232971/downloadhttps://www.nationalgrideso.com/document/232971/download>

9. Workgroup Reports

8938. There were no Workgroup Reports presented to the Panel.

10. Draft Final Modification Reports

GC0138: Compliance process technical improvements (EU and GB User)

8939. NA delivered a presentation on **GC0138** to the Panel. This modification seeks to update existing compliance processes to: allow for more efficient delivery of a successful and quick turnaround of final site compliance testing; facilitate developments in generation and HVDC technology while maintaining effectiveness of compliance process and strengthen effectiveness of simulations.

8940. NA advised that the Code Administrator Consultation was initially issued on the 03 November 2021 and closed on 03 December 2021. It received 2 responses, one from the ESO and the other from Scottish Power Renewables (SPR). Due to an omission of typographical legal text changes suggested by some Panel members in relation to the ECP and OC5 documents from the previous consultation, the Code Administrator re-issued the consultation from 10 January 2022 to 10 February 2022. The re-issuance of the Code Administrator Consultation allowed industry members to view the fully approved legal text that was to be implemented and provide responses. NA noted that, in response to the second consultation, the ESO submitted a duplicate of their initial response and there were no other responses received.

8941. The Panel held its determination vote on **GC0138** and unanimously recommended that the **GC0138** original solution should be implemented. NA informed the Panel that he would circulate the Final Modification Report by 28 February 2022 for Panel members to check that their votes are correctly recorded. The Final Modification Report would be issued to the Authority on 7 March 2022.

Post meeting note: The Final Modification Report was circulated to Panel on 28 February 2022 for 5 working days to check votes.

11. Reports to Authority

8942. There were no further updates for Panel.

12. Implementation updates

8943. NA advised that **GC0137** was implemented by the Code Administrator on 15 February 2022.

13. Governance

8944. There were no further updates for Panel.

14. Grid Code Development Forum (GCDF)

8945. AJ advised that the last meeting that should have held on 2 February 2022 was cancelled due to lack of agenda items. The next meeting will be held on 2 March 2022. Currently, there are only 2 agenda items as follows:

- Update to the TS3.24.70 Dynamic System Monitoring (DSM).
- Reduction in Short Circuit Levels and potential implications on Fault Ride Through.
- Increasing participation / Interaction at future GCDF's.

15. Standing Groups

Distribution Code Review Panel Update

8946. AC advised that the Distribution Code Review Panel agreed in principle for a joint working group on ESRS and, with regard to a Distribution Code Modification on compliance

enforcement, Ofgem has been contacted for advice to help clarify issues that had been raised in relation to retrospective changes to loss of mains protection, noting that this had been discussed in previous Grid Code Review Panel meetings.

Joint European Stakeholder Group (JESG)

8947. NA advised that the last meeting was held on 9 February 2022. The next meeting would be held on 08 March 2022. Meeting materials can be found via the following link:

<https://www.nationalgrideso.com/industry-information/codes/european-network-codes-old/meetings/jesg-meeting-12-october-2021>

16. Updates on other Industry Codes

8948. NA advised that the Frequency Risk and Control Report and Methodology consultation would be open until 4 March 2022. Also, there would be an open consultation until 9 March 2022 for review of the Security and Quality of Supply Standard (SQSS). More information on these can be accessed [here](#).

17. Blockers to Modification progress

8949. NA advised that quoracy has not been an issue since the implementation of **GC0131** and there have been no active delays due to effective prioritisation. The presentation can be found within the Grid Code Panel papers pack accessible via the following link:

<https://www.nationalgrideso.com/document/232416/download>

18. Horizon Scan

8950. The horizon scan is available in the Grid Code Review Panel presentation pack within the Grid Code Panel papers pack on the National Grid ESO website accessible via the following link:

<https://www.nationalgrideso.com/document/232416/download>

19. Electrical Standards

8951. There were no updates for the Panel.

20. Forward Plan Update / Customer Journey

8952. There were no updates at this Panel meeting.

21. Any Other Business (AOB)

Whole System Technical Code

8953. Laetitia Wamala from the NGENSO provided updates on the Whole System Technical Code (WSTC) programme and advised that 25 consultation responses were shared with the Steering Group. The Steering Group would be taking a vote, by 16 March 2022, to decide on the workstreams that should be taken forward to the scoping stage and a Go/No Go decision is expected to be made by 31 March 2022. More details on this can be found in the Grid Code Review Panel presentation pack within the Grid Code Panel papers pack on the National Grid ESO website via the following link:

<https://www.nationalgrideso.com/document/232416/download>

New Modification Tracker

8954. NA noted that the new Modification Tracker was published on 22 March 2022. This has been co-created with industry participants to ensure that it meets the needs of stakeholders and it now includes the following features:

- Cross-code impacts.
- Hyperlinks to the relevant Code Modification pages for further information.
- Links to Code documents for ease of access.
- Link to the Ofgem decisions timetable.
- General formatting structures made for improved navigation.

The new Modification Tracker is available within the Grid Code Panel papers pack on the National Grid ESO website accessible via the following link:

<https://www.nationalgrideso.com/document/232416/download>

GC0151 Implementation Enquiry

8955. CS requested information on how the ESO would normally enforce new modification implementations to their Control Room and other relevant teams in the ESO. AJ took an action to discuss this further with RWi and provide answers to the Panel via email. **ACTION 419.**

The next Grid Code Review Panel meeting will be held on 31 March 2022 at 10:00 via Microsoft Teams.

New Modification Proposals to be submitted by 16 March 2022.

Grid Code Review Panel Papers Day is 23 March 2022.