

Grid Code Review Panel

27 October 2021

Grid Code Review Panel Minutes

Date: 27/10/2021 **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
Alastair Frew	AF	Panel Member, Generator Representative
Christopher Smith	CS	Panel Member, Offshore Transmission Operator Representative
Gurpal Singh	GS	Authority Representative
Guy Nicholson	GN	Generator Representative
Iain Dallas	ID	Alternate, Generator Representative
Jeremy Caplin	JC	BSC Panel Representative
John Harrower	JH	Panel Member, Generator Representative
Nadir Hafeez	NH	Authority Representative
Rob Wilson	RWi	Panel Member, National Grid ESO
Robert Longden	RL	Panel Member, Supplier Representative
Roddy Wilson	RW	Panel Member, Onshore Transmission Operator Representative

Observers/Presenters

Attendee	Initials	Company
Angela Wilks	AW	National Grid ESO (Presenting Proposed modifications to the NGESO NETA Despatch Instruction Guide and NGESO EDL Instruction Interface valid Reason Codes documents)

Apologies

Attendee	Initials	Company
Alan Creighton	AC	Panel Member, Network Operator Representative
Sigrid Bolik	SB	Panel Member, Generator Representative
Steve Cox	SC	Panel Member, Network Operator Representative

1. Introductions and Apologies

8816. Apologies were received from Alan Creighton, Sigrid Bolik and Steve Cox.

2. Minutes from previous meeting

8817. The meeting minutes from the Grid Code Review Panel held on 30 September 2021 and minutes from the GC0151 Special Panel held on 7 October 2021 were approved.

3. Review of actions log

8818. The Panel reviewed the open actions from the meeting held on 30 September 2021, which can be found on the Actions Log. The Panel agreed to close **Actions 213, 370, 373 and 408, 409 and 410.**

4. Chair's update

8819. There were no Chair updates.

5. Authority Decisions

8820. GS advised that the **GC0151** authority decision would be published 5 November 2021.

6. New modifications

8821. There were no new modifications presented to the Panel.

7. In flight modification updates

8822. 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>

GC0151 Grid Code Compliance Fault Ride Through Requirements

8823. NA advised that a Special Panel meeting was held on 07 October 2021 where the Panel reviewed the Draft Final Modification Report and carried out their recommendation vote. The Final Modification Report was sent to Ofgem on 11 October 2021 and is currently awaiting Authority decision.

GC0139 Enhanced Planning-Data Exchange to Facilitate Whole System Planning

8824. NA advised that the ESO Technical Codes team had re-circulated the draft legal text and the Workgroup is currently working towards a mid-March 2022 deadline to conclude the workgroup and finalise the report for review by Panel. At the Workgroup meeting held 6 October 2021, the Workgroup agreed to the following next steps:

- The Proposer to draft terms of reference for Common Information Model (CIM) Subgroup.
- The Proposer to set up meeting with Dan Clarke (ENA) and Paul Hayes (Leader on CIM subgroup) to look at scope.
- A group of 4 experts from the Workgroup to consider producing another version of the legal text by mid-November.
- The Workgroup to develop the gaps in the timeline for Panel updates between October 2021 and mid-March 2022.

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

8825. NA advised that a Workgroup meeting was held on 28 September 2021. The Alternative submitted by Alan Creighton was voted by the Workgroup as WAGCM1. The workgroup agreed that the questionnaire survey would remain open to give DNOs and the ENA more time to participate. The next Workgroup meeting will be held on 9 November and NA would provide more updates to the Panel at the next Panel meeting on 25 November 2021.

GC0138 Compliance process technical improvements (EU and GB User)

8826. NA stated that, following Panel guidance at the last Panel meeting held on 30 September 2021, the Workgroup approved the updated Workgroup report. This report was circulated to the Panel on 22 October 2021 for the Panel to review and approve by 29 October 2021 that the Terms of Reference have been met and the modification can proceed to Code Administrator Consultation.

GC0146 Solutions for frequency control of Power Park Modules

8827. NA advised that Orsted have confirmed their intention to progress this modification. There will be no changes to the defect in their initial proposal. The Code Administrator plans to commence the workgroup by December 2021 and has issued request for nominations to industry.

GC0126 Implementing Profiled Stable Import and Export Limits, and reversing unimplemented aspects of GC0068

8828. RWi delivered a presentation on **GC0126**. He noted that delivery of this modification was delayed due to other priorities within the balancing programme and the effects of the pandemic. A more detailed impact assessment has now been carried out and delivery is more complex than originally planned, resulting in a significant increase in implementation costs from £700k to over £3m. In addition, RWi advised that Elexon are currently seeking members to participate in an issue group: Review of current practice setting Dynamic Parameters within the Balancing Mechanism. This work could have implications for the

delivery of GC0126 and it seemed prudent therefore, to hold off on delivery until the outcomes of the Elexon work were known. For all of these reasons therefore, the delivery plan for GC0126 is currently on hold.

8. Discussion on Prioritisation In flight

8829. The Panel reviewed the prioritisation stack and agreed to no change. The updated Prioritisation Stack can be found in the Headline Report via the following link: <https://www.nationalgrideso.com/document/216221/download>

- NA asked for Panel feedback on the Prioritisation process to determine whether there is need for further developments or improvement of the process. Some Panel members noted that, while monthly review had been undertaken, the prioritisation stack had been stable for some time. It was noted, however, that a horizon scan showed the potential for many new modifications in the pipeline and that now was a good time to review the effectiveness of the prioritisation process. The Panel made no changes to the current process, but it was agreed that NA would circulate the CUSC Panel Prioritisation Stack for review and consideration of whether the Panel should consider adopting high, medium, low priority categorisations for modifications in the same way as the CUSC Panel which also carried out quarterly engagement with the proposers of in-flight modification and simultaneous deep-dives on the prioritisation stack.

9. Workgroup Reports

8830. There were no Workgroup Reports presented to the Panel.

10. Draft Final Modification Reports

GC0137 Minimum Specification Required for Provision of GB Grid Forming (GBGF) Capability (formerly Virtual Synchronous Machine/VSM Capability)

8831. NA presented the Draft Final Modification Report for **GC0137** to Panel. NA explained that the Code Administrator Consultation took place between 3 September 2021 and 4 October 2021 and that 7 non-confidential responses were received, with proposed typographical legal text changes by the Proposer.

8832. NA talked through the governance rules pertaining to legal text changes. The Panel agreed that the proposed changes were typographical and proceeded to the Recommendation Vote.

8833. The Panel held their recommendation vote on **GC0137**. The Panel recommended by majority that the Proposer's solution should be implemented. NA to circulate the Final Modification Report on 1 November 2021 for Panel members to check that their votes are correctly recorded. **ACTION 411**

Post meeting note: The Final Modification Report was circulated to Panel on 1 November 2021 for 5 working days to check voting. The Final Modification Report will be submitted to Ofgem on 8 November 2021.

11. Reports to Authority

8834. NA advised that **GC0133** and **GC0151** were submitted to the Authority on 11 October 2021. A final Modification Report for **GC0137** would be submitted to the Authority by 8 November 2021.

12. Implementation updates

8835. There were no implementation updates for Panel.

13. Governance

8836. There were no further updates for Panel.

14. Grid Code Development Forum (GCDF)

8837. The meeting papers and presentation for the last meeting held on 6 October 2021 can be found via the following link:

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-development-forum-gcdf-07092021>

15. Standing Groups

Distribution Code Review Panel Update

8838. There were no updates.

Joint European Stakeholder Group (JESG)

8839. NA stated that JESG was held on 12 October 2021. The 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

8840. There were no updates.

17. Blockers to Modification progress

8841. There were no updates.

18. Horizon Scan

8842. There were no updates.

19. Electrical Standards

8843. Angela Wilks from National Grid ESO delivered a presentation on proposed modifications to the NGESO NETA Despatch Instruction Guide and NGESO EDL Instruction Interface Valid Reason Codes. AW stated that 2 new codes are being proposed to differentiate between instructions sent to the BMUs for Obligatory Reactive Power Service (ORPS) reactive power and the Long Term contracted static reactive power service: One to start the static reactive power service – VQV and One to cease the static reactive power service – VQO. The introduction of the new reason codes requires the following documents to be updated and approved by the Panel:

- NGESO NETA Despatch Instruction Guide
- NGESO EDL Instruction Interface Valid Reason Codes

8844. NA advised the Panel that the governance rules stated that the Panel had 20 working days to raise any objections or the Standards will automatically be adopted by the ESO and published on their website.

20. Forward Plan Update

8845. There were no updates.

21. Any Other Business (AOB)

Demo of the new improved online voting template

8846. NA delivered a presentation to the Panel, talking through a Demo for a revised online voting template. This template had been further developed to the version that was presented to the Panel on 26 August 2021 to accommodate votes for alternatives.

8847. RWi stated that the ESO had identified seven areas where development is required and are seeking industry views. The identified areas for development were outlined as follows below. The Panel members and other interested parties can send requests to Sade Adenola, email: sade.adenola@nationalgrideso.com

- Technologies and locational diversity
- Future networks
- Markets and funding mechanisms
- Regulatory frameworks
- Assurance
- Communication Infrastructure
- Modelling and Restoration Tool

The next Grid Code Review Panel meeting will be held on 25 November 2021 at 10:00 via Microsoft Teams.

New Modification Proposals to be submitted by 10 November 2021.

Grid Code Review Panel Papers Day is 17 November 2021.