

Grid Code Review Panel

Minutes: 27 February 2020

Grid Code Review Panel Minutes

Date: 27/02/2020 **Location:** Faraday House and WebEx

Start: 10:00am **End:** 14:00pm

Participants

Attendee	Initials	Company
Trisha McAuley	TM	Independent Panel Chair
Nisar Ahmed	NA	Code Administrator, National Grid ESO
Chrissie Brown	CB	Technical Secretary, Code Administrator, National Grid ESO
Guy Nicholson	GN	Generator Representative
Damian Jackman	DJ	Generator Representative
Alastair Frew	AF	Generator Representative
Rob Wilson	RWI	National Grid ESO Representative
Alan Creighton	AC	Network Operator Representative
Jeremy Caplin	JC	BSC Representative
Graeme Vincent	GV	Network Operator Alternate Representative
Ross McGhin	RM	Onshore Transmission Representative
Robert Longden	RL	Suppliers Representative
Gurpal Singh	GS	Authority Representative
Matt Balller	MB	National Grid ESO Observer
Nadir Hafeez	NH	Authority observer
Simon Lord	SL	SQSS Panel member observer (first agenda

		item only)
Cornel Brozio	CBR	SQSS Panel member observer (first agenda item only)
Biniam Haddish	BH	National Grid ESO (presenter GC0138 only)
Ian Povey	IP	Energy Network Association (presenter GC0139 only)
Matt Magill	MM	National Grid ESO (presenter first agenda item only)
Graham Stein	GS	National Grid ESO (presenter first agenda item only)
Rob Westmancoat	RW	National Grid ESO (presenter first agenda item only)
Apologies	Initials	Company
Steve Cox	SC	Network Operator Representative
Joseph Underwood	JU	Generator Representative
Christopher Smith	CS	Offshore Transmission Operator Representative
Sigrid Bolik	SB	Generator Alternate Representative
Rob Pears	RP	Technical Secretary, Code Administrator, National Grid ESO

1. Introductions and Apologies for Absence

7610. TM opened the Grid Code Review Panel ('the Panel') meeting with introductions. Apologies were received from Steve Cox (SC) with Graeme Vincent acting as his alternate. Apologies were also received from Christopher Smith (CS) and Joseph Underwood (JU) with no alternates present. Lastly, Rob Pears (RP) additionally sent apologies with Chrissie Brown (CB) attending as his alternate.

2. Options for SQSS modification following 9 August event

7611. GS and MM presented their slides in relation to what options the ESO are considering amending the SQSS following the 9 August event. The slides can be located here <https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>

7612. MM noted the challenge in an ever-developing system and explained that due to this they were considering a flexible approach to their solution.

7613. SL questioned whether what they are considering tackled the main issues following the event. He outlined that in his view what was being considered didn't and that the review should cover what happened following the initial losses on the system.

- 7614. MM outlined the work that had been started in relation to the cost of holding more reserve on the system and the risk. He highlighted that this was being developed to be added to the modification that will be raised, as instructed by Ofgem, at the April SQSS Panel.
- 7615. AC questioned whether, when developing a probabilistic methodology, it was possible to be transparent due to complexity of a probabilistic methodology. MM explained that the investigations following the 9 August event highlighted that there were areas where the ESO could be more transparent and this is what they would be doing as part of developing this approach.
- 7616. The next steps were outlined and it was noted that further engagement with industry members would occur at the Ops Forum on 24 March, at the GCDF on the 31 March and that a full stakeholder plan was being developed ahead of the modification being raised.
- 7617. DJ asked whether the ESO considered that GB could still be left with an issue following the work being completed in this area due to Fault Ride Through (FRT) at embedded generation level. The ESO stated that there would be some residual risk left but noted that there was a lot of work ongoing that could resolve this separately.
- 7618. The Panel fed back that they were supportive of a separate methodology being developed linked into the SQSS.

Energy UK letter - Energy Emergencies Executive Committee (E3C): Great Britain power system disruption on 9 August 2019 - Preliminary lessons learnt for generators

- 7619. The letter received was noted by the Panel. They also noted that they had some questions on the back of receiving this and agreed to send these onto the Energy UK and request that someone attends the Panel and talk through the letter at the next Panel if possible.
- 7620. Panel to send any further questions through to NA by close of play on the 28 February and be sent on to Energy UK following this.
- 7621. The Panel requested clarity on whether the presentation would be provided by Energy UK themselves or Energy UK on behalf of the E3C Committee.

ACTION 314: Code Administrator to send questions and comments received to Energy UK and request presentation at March 2020 Panel. Clarity to be sought on whether this would be as Energy UK or Energy UK on behalf of the E3C Committee

ACTION 315: Panel to send through any further questions by COP on 28 February 2020 to NA

3. Minutes

- 7622. The Panel approved the December 2019 minutes, and these will be uploaded to the National Grid ESO website. It was noted that the January 2020 minutes would be sent to the Panel for approval at the March Panel meeting. TM highlighted that she had held some conversations around the timeliness of the minutes with the code administrator team and that she had been assured that this would improve.

4. Action log

- 7623. The Grid Code Review Panel reviewed the open actions which can be found in the Actions Log.

<https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>

- 7624. It was noted that it would be of benefit for the Panel to see the full picture of the action plan in response to the 9 August investigation in one place. The action (292) was agreed to be updated to reflect this need following the presentation on the SQSS change at this Panel meeting.
- 7625. Action 269 updated. TM to speak to Code Administrator team offline to understand work being done to improve teleconference facilities.
- 7626. Action 278 updated. RW to circulate slides the ESO have produced offline and highlight how actions have been addressed.
- 7627. The Panel agreed to close all deferred actions subject to additional text being added to the GC0098 lessons learnt area. RL noted all the work completed by the Code Administrator to improve their processes and guidance since the actions were originally raised and noted the improvement in the service provided. The Panel agreed that should any areas need addressing then new actions could be raised to address them.

5. Chair update

- 7628. TM had no updates for the Panel.

6. Authority decisions

- 7629. GS advised that the decisions on GC0096 'Energy Storage' and GC0105 'System Incident Reporting' will be received ahead of the next Panel meeting in March 2020.

7. New modifications

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

<https://www.nationalgrideso.com/codes/grid-code/modifications/gc0138-compliance-process-technical-improvements-eu-and-gb-user>

- 7630. BH presented the modification to the Panel using their slides that can be found here. <https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>
- 7631. AF asked whether this modification would be applied retrospectively and noted that if this was not the case why the Compliance Processes of the Grid Code had been highlighted to be amended as part of the proposed change.
- 7632. AC highlighted some omissions within the impacted parties of the modification and that clarity on the potential impacted parties would help ensure the relevant parties participate in the workgroup.
- 7633. GS voiced some concerns around the sequence of work being commenced in the compliance area following the 9 August event. RW stated that this modifications scope would not cover any actions following the event and that these actions would be addressed separately. It was noted that this may mean future amalgamation of modifications or work being aligned across modifications.

DECISION: The Panel agreed that this modification should proceed under standard governance and be assessed by a Workgroup.

ACTION 316: GC0138: Code Administrator to review modification impacts ahead of issuing nominations for Workgroup members and update front of Proposal form.

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

<https://www.nationalgrideso.com/codes/grid-code/modifications/gc0139-enhanced-planning-data-exchange-facilitate-whole-system>

7634. IP presented the modification to the Panel using their slides that can be found here.
<https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>

7635. The Panel highlighted that the impacts of the modification needed updating to include directly connected customers and the Proposer noted that they needed to add the Scottish Transmission Owners as impacted.

7636. CB noted that four different codes require amendment and the need to be as joined up in the package of work as possible, this was added to the Terms of Reference.

7637. GN questioned whether fault levels and overlap of data exchange with other documents produced such as the ETYS (Electricity Ten Year Statement) should be considered as part of the Terms of Reference but the Panel concluded that this was out of scope of the modification but that GN's concerns should be addressed. Actions below were taken to ensure this was completed.

7638. DJ asked whether real time data was being considered as part of this work. The Proposer stated that it was not being considered as part of this modification but that there are currently sub groups of the Open Networks project looking into this issue. He highlighted that there would be further amendments raised to the Grid Code following conclusion of areas of work being completed.

7639. IP explained that he was anticipating that this modification be concluded by the end of 2020.

DECISION: The Panel agreed that this modification should proceed under standard governance and be assessed by a Workgroup.

ACTION 317: GN to document areas of work that he would like to know where they are being considered and send to the Code Administrator.

ACTION 318: Ian Povey (National Grid ESO) to review GN concerns/comments and feedback on work being carried out.

8. In flight modification updates

7640. NA highlighted the progress of the in-flight modifications since the last Panel meeting in January 2020. The in-flight modifications can be found within the Panel papers pack on the National Grid ESO website via the following link:

<https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>

7641. The Panel considered the Workgroup membership of GC0137 'Minimum Specification Required for Provision of Virtual Synchronous Machine (VSM) Capability' as part of the inflight modification updates.

7642. CB highlighted that twenty-seven requests for membership had been received and asked whether the Panel wanted to consider limiting membership to aid the efficiency of the running of the meetings.

7643. The Panel concluded that they were content with the membership and agreed for all members to be granted Workgroup member status including those without a specific nomination from a User. They agreed that they would review how the meetings are running on a periodic basis to ensure it is working efficiently through the process.

ACTION 319: GC0137: Code Administrator to speak to those who have requested Workgroup membership to explain what is expected as a full member and see whether any would rather observe the meetings.

7644. The Panel noted that GC0136 'Non-material changes to the Grid Code following implementation of the EU Connection Codes' would be resubmitted to the March Panel ahead of being issued to Code Administrator Consultation following the finalisation of the legal text required.

7645. AF highlighted that this change proposed to removed Appendix 4 of the ECCs and that this should have been removed under modification GC0111 'Fast Fault Current Injection specification text'. CB took an action to look into this issue.

ACTION 320: Code Administrator to review implementation of GC0111 and whether removal of Appendix 4 should have been completed from the ECC section.

7646. NA stated that they were seeking final approval for GC0133 'Timely informing of the GB NETS System State condition' to proceed to Code Administrator Consultation.

7647. The Panel noted that the legal text was circulated following the official papers day and that they were not clear that this was the ask of the Panel on review of the papers.

ACTION 321: GC0133 Legal text to be circulated to the Panel for five working days after which it will proceed to Code Administrator Consultation.

Aspiration of number of Workgroups to be held over the next three months

7648. NA explained that Code Administrator had been reviewing their commitment to hold eight to twelve modification meetings across the Codes they administer on a monthly basis and concluded that this should be updated to seven to nine.

7649. NA highlighted that this was due to a number of reasons, the main one being quantity of changes progressing through the process. He explained that they had noted the pull on industry resource in feeding into the process too.

7650. RL stated that the planning of Workgroups in advance would help ensure members are available when needed.

9. Discussions on Prioritisation

7651. The Panel reviewed the prioritisation stack, in order of highest priority to lowest priority including those currently on hold, this can be located at the following link;

<https://www.nationalgrideso.com/codes/grid-code/meetings/grid-code-panel-meeting-27-february-2020>

7652. CB highlighted the Proposer's view on the prioritisation of the following modifications as requested under action 308;

- GC0103 'The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes'
- GC0109 'The open, transparent, non-discriminatory and timely publication of the various GB electricity Warnings or Notices or Alerts or Declarations or Instructions or Directions etc., issued by or to the Network Operator(s)'
- GC0117 'Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements'

7653. She explained that his view was that over the past year compliance modifications raised by the ESO had been prioritised and finalised and that due to the amount of time the modifications had not been worked on that these modifications should be prioritised.

7654. She also noted that his view was that if modifications keep coming in and others continue to be deprioritised that some changes may not ever conclude. The Panel noted these views when prioritising.

10. Blockers on Modifications Progress

7655. NA talked through the blockers highlighted on the slides circulated to Panel.

11. Workgroup Reports

GC0130: OC2 Change for simplifying 'output useable' data submission and utilising REMIT data

7656. NA talked through the Workgroup Report that had been completed by the GC0130 Workgroup and how their Terms of Reference had been met.

7657. The Panel highlighted that the report needed further clarity on whether the Workgroup had taken on board the Workgroup Consultation responses or not which were noted in four bullet points within the document. They also raised concerns around the legal text that had been drafted.

ACTION 322: Revised GC0130 Workgroup Report to be circulated to panel for agreement to proceed to Code Administrator Consultation with a) legal text amends and b) Workgroup Report amends in track changes to panel following circulation to the GC0130 Workgroup for final agreement based on feedback provided.

GC0132: Updating the Grid Code governance process to ensure we capture EBGL change process for Article 18 Terms and Conditions (T&Cs)

7658. CB talked through the Workgroup Report that had been completed by the GC0132 Workgroup and how their Terms of Reference had been met.

7659. RW explained that there was a meeting between NGESO, Elexon and Ofgem due take part on the 26 February that was cancelled at the last minute. The purpose of the meeting was to ensure consistency between the changes required across the BSC, CUSC and Grid Code.

7660. RW stated that since the publication of the final Workgroup Report that they would like to make some consistency amendments to the final legal text and that the meeting, when re-scheduled could result in further minor amendments being required.
7661. The Panel concluded that the Workgroup had been their Terms of Reference. They noted the consistency in legal text issue and concluded that the legal text should be sent to the Panel and Workgroup for five working days for final comment. It was noted that should it require changing again following the meeting that this would be addressed when it happened but the Panel would recommend a further five working days circulation ahead of issuing the Code Administrator Consultation.
7662. The Proposer additionally highlighted that following some discussions with their legal team that they would like to consider the removal of other code references from the annex being proposed under the modification. It was concluded that this should be noted when circulated to Panel and the Workgroup.

ACTION 323: GC0132 updated legal text to be circulated to the Workgroup and Panel for five working days. Should further amendments be suggested following meeting with Ofgem and Elexon then a further five working days to be completed ahead of Code Administrator Consultation being issued.

12. Draft Final Modification Reports

7663. No Draft Final Modification Reports were presented to the Panel.

13. Standing Groups

Grid Code Development Forum (GCDF)

7664. CB informed the Panel that GCDF was cancelled on 4 March 2020 due to lack of agenda items.
7665. CB advised the Panel that the GCDF scheduled for 31 March 2020 will cover the SQSS/Grid Code proposed change on 220kV (legal text walk through) and further engagement on the SQSS options for change following the 9 August event.

7666. Workgroup Days

It was noted that the Code Administrator had drafted potential Workgroups for the next three months of Workgroup days but this would need revision following the prioritisation session held.

14. European Updates

Joint European Stakeholder Group (JESG)

7667. CB advised the Panel that the JESG Meeting took place on the 11 February 2020 and included updates on the Clean Energy Package, MARI and SOGL Article 118 and 119 updates by the ESO. CB stated that the next meeting would be held on the 10 March 2020 and that the full discussion points and agenda items for the 10 March meeting would be circulated to Panel members.

ACTION 324: CB to circulate JESG meeting update to Panel members.

15. Reports to the Authority

7668. There were no Final Modification Reports submitted to the Authority for decision.

16. Implementation Updates

7669. NA noted that GC0125, GC017 & GC0128 were implemented on 12 February 2020 following Authority decision on 5 February 2020.

17. Electrical Standards

7670. There were no updates in relation to the electrical standards since the last Panel.

18. Governance

Process for issuing Code Administrator Consultation where there is a delay between the original Proposal being made and time of issue

7671. CB highlighted that there have been changes proposed to the Grid Code where more work is required on the Proposal ahead of issuing the modification to Code Administrator Consultation but a Workgroup would not be required.

7672. She explained that the Code Administrator would not be issuing draft Code Administrator Consultations to Panel for their approval but that they should expect a resubmission of the Proposal in this instances ahead of issue to Code Administrator Consultation. She stated that this was due to the Panel not having the remit to approve the consultation document but hold the decision on which route a modification should follow so amendments to legal text could inform the decision being made.

19. Updates on other Industry Codes

7673. No updates were provided at the meeting.

20. CACoP update

7674. No update was provided at the meeting as there were no items of relevance to report on.

21. Forward Plan Update

Website

7675. NA informed the Panel that the Code Administrator was currently working on changes to their website and that they had hired a consultant to assist with making the changes. It was noted that these would be discussed in more detail at the March Panel meeting in terms of what was being proposed to be amended.

Proposal summaries

7676. NA sought feedback on the two proposal summaries that he had produced for the two new modifications proposed at this Panel meeting.

7677. The Panel concluded that they were useful and that they would like the Code Administrator to continue to produce these.

22. Horizon scanning

7678. The Panel noted the horizon scan and requested that the following items be added;

- Open Network changes (2021 area)
- 9 August compliance change(s) (April – June 2020 area)

ACTION 325: NA to add Open Network changes and 9 August compliance to the horizon scan.

23. Any Other Business (AOB)

7679. No other business was raised at the Panel meeting.

The next Grid Code Review Panel meeting will be held on 26 March 2020.