

## Meeting minutes

### Grid Code Review Panel

**Date:** 22/11/2018      **Location:** National Grid House, Warwick

**Start:** 10:00      **End:** 14:00

### Participants

Attendee	Attend/Regrets	Attendee	Attend/Regrets
Trisha McAuley, Chair (TM)	Attend	Jeremy Caplin, BSC Panel Representative (JC)	Attend
Matthew Bent, Code Administrator Representative (MB)	Attend	Damian Jackman, Panel Member, Generator Representative (DJ)	Attend
Emma Hart, Technical Secretary (EH)	Attend	Alan Creighton, Panel Member, DNO Representative (AC)	Attend
Robert Wilson, Alternate Panel Member, NGET (RW)	Attend	Gurpal Singh, Authority Representative (GS)	Attend
Sigrid Bolik, Alternative Panel Member, Generator Representative (GN)	Attend	Nadir Hafeez, Authority Representative – Observer (NH)	Attend
Alastair Frew, Panel Member, Generator Representative (AF)	Attend	Greg Heavens, NGESO – Observer (GH)	Attend
Graeme Vincent, Panel Member, Onshore Transmission Operator Representative (GV)	Attend	Robert Longdon, Panel Member, Supplier Representative (RL)	Attend
Kate Dooley, Panel Member, Generator Representative (KD)	Attend	Matthew Iles, NGET – presenter item 9 (MI)	Attend – item 9 only
Chrissie Brown, Code Administration – presenter item 5 GC0106 (CB)	Attend - item 5 only	Susan Mwape, NGESO – attendee item 5 GC0106 (SM)	Attend item 5 only

## Discussion and details

---

### 1. Introductions and apologies

6512 TM opened the Grid Code Review Panel ('the Panel') meeting with introductions and acknowledged the advance apologies received from Kyla Berry (KB) and Guy Nicholson (GN).

---

### 2. Approval of Panel minutes

6513 The Panel agreed that the minutes from the Panel meeting on 17 October 2018 are approved as a correct record of the meeting.

---

### 3. Actions Log

#### Action 125

6514 MB reminded the Panel that the letter in relation to GC0106 had now been sent to the Authority. The Panel agreed to close action 125.

#### Actions 151 and 166

6515 MB confirmed that a Workgroup meeting in relation to GC0107/GC0113 was scheduled for Workgroup day on 5 December 2018. Given this, the Panel agreed to close actions 151 and 166.

#### Action 161

6516 RW informed the Panel that this had not yet been progressed as the G5 workgroup was deciding on an appropriate solution. A Grid Code modification will be raised once the G5 Workgroup has progressed their work.

6517 AC confirmed that the delay was due to concerns he had raised and this was the reason the G5 Workgroup had needed further time to develop the solution. AC confirmed that there were issues with the current document as it is a Distribution Code document but stylistically it has been written as if it was a National Grid document. RW confirmed that the document would be administered by the Energy Networks Association and therefore it is closer to a Distribution Code document.

6518 The Panel agreed to close action 161.

#### Action 162

6519 MB confirmed that the Prioritisation document had been circulated around the Panel prior to publication. This was now on the National Grid website.

6520 The Panel agreed to close action 162.

#### Action 163

6521 MB presented the proposed revised time table for GC0096 to the Panel. The Panel agreed to close action 163.

#### Action 165

6522 MB confirmed to the Panel that he has contacted the list of Transmission Operators provided by GV in relation to GC0118. However, to date, he had not received a response from any of the transmission Operators.

6523 The Panel agreed to close action 165.

---

Action 168

6524 The Panel received an update from GS on the work being jointly undertaken by BEIS and Ofgem to review the codes that govern the energy system as part of Any Other Business.

6525 The Panel agreed to close action 168.

Action 169

6566 MB confirmed that GC0110 was removed from the Prioritisation Stack. The Panel agreed to close action 169.

Action 172 and Action 182

6567 RW confirmed that all new modification would be developed on the new legal text Grid Code baseline. For existing modifications at the Workgroup stage, the Code Administrator is ensuring the legal text is being developed on the latest baseline.

6568 MB confirmed that there will be two housekeeping modifications would be raised by the Code Administrator:

1. A modification before Christmas to reintroduce a definition for NGET and to update any inadvertent introductions of NGET where this should be The Company; and
2. A modification around March 2019 to address minor consequential changes that are required following the implementation of modifications prior to legal separation.

6569 RW confirmed that this discussion had been raised in GC0114 Workgroup which had taken place on 21 November 2018 to ensure all of the references to NGET were changed to The Company. MB confirmed that the Code Administrator will correct the references to NGET for the GC0114 legal text.

6570 The Panel agreed to close actions 172 and 182.

Action 173

6571 GV raised a defect with the Grid Code in his consultation response to GC0112. RW confirmed that the identified issue was a long-standing defect but that the scope of GC0112 was to change NGET to The Company and therefore did not create an opportunity for betterment.

6572 GV stated that he and the Panel needs to ensure that the issue is not forgotten about. RW confirmed that he had had a conversation with GV but we do need to ensure the issue is recorded so that it is not forgotten about.

6573 The Panel agreed that the defect should be added to the list of Housekeeping/self-governance modifications list.

Action 174

6574 MB confirmed that this will be done in future and therefore suggested that this action could be closed. However, the Panel felt that they would prefer for this action to remain open until they have received assurance that this is being done as there has not yet been an opportunity to test this.

Action 175

6575 MB informed the Panel that a response in relation to the electrical standards was provided as part of the Panel pack email. However, MB noted that GV has raised an additional follow up query.

6576 It was agreed that RW would follow this up with GV offline. The Panel agreed to close action 175.

---

Action 178

- 6577 MB confirmed that the last SQSS Panel was cancelled and the next one is scheduled for January 2019. Therefore, MB proposed that this action remains open with an update to be provided at the February 2019 Panel.
- 6578 AC stated that the SQSS Panel was cancelled as there was no business to discuss when there clearly was.

Action 179

- 6579 MB stated that a review of the document had been undertaken by the Code Administrator. AC stated that the definitions used within the document were not grammatically correct.
- 6580 TM stated that the wording of the definitions was based on what the Panel had agreed previously. Therefore, there is a message of being mindful of this when the Panel agrees definitions in the future.
- 6581 The Panel agreed to close action 179.

Action 180

- 6582 MB stated that this action was addressed in the email that was circulated with the Panel papers in advance of the Panel Meeting. RW agreed to address any further questions in relation to the EU methodologies outside of the meeting.
- 6583 The Panel agreed to close action 180.

Action 181

- 6584 TM stated that the work in relation to GC0109 now has momentum so the previously identified issues will be dealt with.
- 6585 The Panel agreed to close action 181.

Action 183

- 6586 The Panel discussed the issue around quorate Workgroups (see section 10 below for the full discussion). The Panel agreed to close action 183.

Action 184

- 6587 The Panel agreed to close action 184 as the item on quoracy was included on this Panel agenda.

Action 185

- 6588 MB informed the Panel that this has been highlighted as an area for the Code Administrator to consider through the Customer Journey work that CB is leading on. He advised the Panel that the GC0103 will be held in Glasgow as this is where the majority of the Workgroup participants are based. He stated that the Code Administrator is looking at Workgroups and where they are held may be based on where individual participants live.
- 6589 In 2019, MB suggested that there could be Panel meetings held in different locations including Scotland and London. AF stated that he thought the new election material specified that Panel meetings would be held in Warwick so that this may need to be checked. MB advised that this would be subject to the Panel's agreement with the new Panel in January 2019.
- 6590 The Panel agreed that this action left open until January 2018.
-

---

Action 186

6591 MB confirmed that the Prioritisation Stack Table was distributed with the Panel papers.

6592 The Panel agreed to close action 186.

Action 187

6593 MB confirmed that the link to the Code Administrator Code of Practice survey results was circulated to the Panel with the Panel papers.

6594 The Panel agreed to close action close action 187.

Action 188

6595 MB confirmed that the link on Emergency and Restoration Planning was circulated with the Panel papers.

6596 AF queried where the links to the System Defence documentation was as he struggled to find the relevant documents. RW agreed to discuss this following the meeting with AF.

6597 The Panel agreed to close action 188.

Action 189

6598 RW provided the Panel with an update on GC0068 and ESBD.

6599 The Panel agreed to close action 189.

Action 190

6600 MB confirmed that the link on EBS had been circulated with the Panel papers.

6601 The Panel agreed to close action 190.

Deferred Actions

6502 The Panel discussed whether to keep the deferred actions on the actions list or whether these could be addressed through the Customer Journey work that CB is leading on.

6503 AC and GV stated that they thought it was good to have visibility of the outstanding actions. The Panel agreed to leave the deferred actions on the actions log.

6504 In relation to the Housekeeping modifications included on the actions list of identified defects within the Grid Code, it was agreed that MB would present a timeline for the identified modifications.

**ACTION 191:** MB to present to the Panel a timeline for when the Housekeeping modifications will be raised to deal with the identified Grid Code defects.

---

**4. Authority Decisions**

6505 GS confirmed that the Authority has been sent two modifications for decision since the last Panel. These were:

- i. GC0108 which has been approved and has an implementation date of 18 December 2018; and
- ii. GC0112 which is currently with the Authority for decision.

---

5. **Workgroup reports**

GC0106

- 6506 CB stated that GC0106 was raised in October 2017 and was a joint Workgroup for the Grid Code and Distribution Code modifications.
- 6507 There were three Workgroup Alternative Grid Code Modifications (WAGCM) proposed.
- 6508 In addition to the Original proposal, the Workgroup developed the WAGCM 2 legal text and this has been included in the Workgroup report. The majority of the Workgroup members voted that the Original was better than the baseline and WAGCM 2. Two Workgroup members voted for WAGCM 2.
- 6509 CB stated that the Code Administrator wrote to Ofgem to see whether Ofgem required the Workgroup to develop legal text for WAGCM 1 and 3. CB confirmed that Ofgem has confirmed that the legal text to support WAGCMs 1 and 3 is not required.
- 6510 AC raised an issue with the legal text attached to the Panel's papers and queried whether the Workgroup had signed off on the full and correct Workgroup report and legal text. CB apologised for the discrepancy and confirmed that the Workgroup had received and signed off on the correct version of the Workgroup report and legal text.
- 6511 AF and GV confirmed that as Workgroup members, the Workgroup had signed off on the Workgroup report and annexes which included the legal text.
- 6512 SB raised a query around the legal text and identified a gap between the old and new text. AF confirmed that it was decided that the extent of the application was to be covered by GC0117. SM stated that she would discuss the technical details with SB following the Panel meeting.
- 6513 CB asked the Panel whether they were content for the modification to go to Code Administrator Consultation (CAC). The Panel agreed that they were content for the modification to proceed to CAC.
- 6514 CB set out the timeline post CAC for the Panel and the Panel agreed with the proposed timeline.

GC0118

- 6515 MB informed the Panel that GC0118 was raised in July 2018. He confirmed that there was no Workgroup Consultation or WAGCMs raised in relation to this modification.
- 6516 AC raised a concern that there were typographical issues within the Workgroup report and the affected users on the front page is not as clear as it could be.
- 6517 MB informed the Panel that the affected users is drafted by the Proposer so that it may not be possible to update this without the Proposers consent. Further, MB stated that it is proposed that the Panel uses GR.20.21 to amend the report in order to address the typographical issues.
- 6518 AC queried whether the Code Administrator completes the front page. MB agreed to check whether the Proposer or the Code Administrator that completes the front page of a proposal.
- 6519 It was agreed by the Panel that MB will check the Governance Rules and liaise with AC to update the Workgroup report and circulate it around the Panel for review and approval.
- ACTION 192:** MB to check the Governance Rules and liaise with AC in relation to making changes to GC0118 Workgroup report. This will be circulated around the Panel for review and approval.
- 6520 AC queried whether the Workgroup would be concerned about the Panel making the changes without them agreeing them..
-

---

6521 The Panel agreed that the Workgroup has met its terms of reference. Panel also agreed to proceed to Code Administrator Consultation.

---

**6. Current modification updates and current Panel priority order**

GC0111: Fast Fault Current Injection Specification Text

6522 MB informed the Panel that GC0111 is on track to meet the current Panel timetable. The next Workgroup meeting is scheduled for 6 December 2018.

GC0114: SOGL Prequalification Processes

6523 MB informed the Panel that GC0114 is on track to meet the current Panel timetable. The next Workgroup meeting is scheduled for 5 December 2018.

GC0109: The open, transparent, nondiscriminatory 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).

6524 MB informed the Panel that GC0109 is at risk of not meeting the current Panel timetable due to issues with arranging quorate Workgroup meetings. The Code Administrator has attempted to arrange two Workgroup meetings, but unfortunately neither met the quorate requirements.

GC0096: Energy Storage

6525 MB informed the Panel that GC0096 legal text review was completed on 24 October 2018. He presented a proposed timeline for the modification to progress as previously agreed at the September and October 2018 Panels. MB stated that the new proposed timeline would suggest that the Workgroup report will come back to Panel on 28 March 2019 Panel.

6526 The Panel agreed the proposed timeline.

GC0103: Introduction of Harmonised Applicable Electrical Standards

6527 MB informed that Panel that this modification will not meet the current Panel timetable. This is due to the progression of actions and further work being required to narrow down the options to the final solution.

6528 The Proposer now has a solution to put forward and this is to harmonise English and Scottish standards.

6529 MB informed the Panel that as the Workgroup report will not be ready for the December 2018 Panel, an extension request will be sent around the Panel following the Panel meeting.

6530 RW queried whether the proposer set out the benefits of this modification. MB confirmed that the benefits have not been articulated to date.

GC0107 and GC0113: The open, transparent, non-discriminatory and timely publication of the generic and/ or PGM specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the RfG.

6531 MB informed the Panel that this modification is due back to the Panel in February 2019. In addition, there is now a firm date for the first Workgroup meeting to take place. This will take place on Workgroup day, 5 December 2018. Following the first Workgroup, a timetable will be brought to the Panel for review.

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

---

---

6532 MB informed the Panel that GC0117 is currently on track to meet the Panel timetable. The Workgroup report is due to be submitted to Panel in February 2019. The impact assessment of this modification will be brought to the next Panel meeting.

GC0105: System Incidents Reporting

6533 MB informed the Panel that GC0105 failed to meet the minimum quoracy of 5 Workgroup members at the last workgroup meeting. However, an informal meeting without the Code Administrator went ahead to progress the modification.

6534 MB informed the Panel that this modification will not meet the Panel timeline as the Workgroup has decided that they would benefit from a Workgroup consultation. Therefore, an updated timeline will be circulated around the Panel following the Panel meeting.

Prioritisation Stack

6535 The Panel discussed the Prioritisation Stack which details the priority order of the current modifications being administered by the Code Administrator.

6536 AC pointed out that GC0109 is fourth on the list despite a decision that the modification is not urgent being made by the Authority.

6537 AF queried what the impact would be if the Panel moved items further down the Stack. The Panel agreed that at present nothing as work still progresses although it was acknowledged that this may send a message to industry about the relative importance that Panel places on modifications.

6538 EH stated that resources may be prioritised by the Code Administrator based on the Prioritisation Stack if further modifications are raised.

6539 The Panel agreed that the Prioritisation Stack should remain in the current order.

6540 GV raised a concern about stopping active workgroups as you may find people do not re-engage. MB confirmed that at present the Code Administrator will continue to facilitate all modifications but will focus on the higher priority modifications first.

---

**7. Implementation updates**

6541 MB confirmed that since the Panel meeting in October 2018, GC0098 and GC0099 have been implemented into the Grid Code.

---

**8. Draft final modification reports/draft self-governance reports**

6542 MB confirmed that there are no confirmed that there were no Draft Final Modification or Self-governance reports.

---

**9. Electrical Standards**

Review of the TS3.02.14

6543 MI presented to the Panel the proposed changes to be made to the Relevant Electrical Standards (RES).

6544 DJ queried whether it was possible to quantify a cost benefit to the proposed change? MI confirmed that it is very difficult to quantify unless you can go into a case by case basis. RW confirmed that the changes means definitely a potential saving but there may be no saving.

6545 AF queried whether the change was a Transmission Operator change or a System Operator change? MI confirmed that it is a Transmission Operator change.

---



---

Communications Standards

- 6546 GH presented the proposed communication changes to the Panel. He informed the Panel that the proposal is to update the Communication Standards to reflect technology changes.
- 6547 RW confirmed that the communications standards are envisaged to be within a user's system rather than a third parties system.
- 6548 DJ queried whether is this in the context of wider access to the Balancing Mechanism? GH confirmed that the change is not expressly linked to Balancing Mechanism but may help with access to the Balancing Mechanism.

Next steps

- 6549 MB informed the Panel that the next steps are to circulate the two RES documents for 20 days for Panel to comment.
- 6550 Following this period, subject to there being no objections, the document will be deemed to be accepted and will be published.
- 6551 AF stated that historically the RES documents have been provided to the Panel with the Panel papers to allow for questions to be asked of the presenter and he queried why these were not included in the pack.
- 6552 RW stated that he agreed with AF that the documents should be included in the Panel papers pack.
- 6553 TM stated that she did not want the Panel to get too involved in the technical detail as this is a strategic Panel.
- 6554 RL stated that seeing the full document doesn't mean the Panel needs to discuss the whole of the RES document but does provide an opportunity for questions to be asked of the presenter.
- 6555 AF expressed that the RES documents do not currently have another forum for discussion and consideration.
- 6556 TM request that the Panel bring only focussed questions to about the proposed changes rather than a general discussion of the RES documents.

**ACTION 193:** Due to the lack of a review process in relation to the RES documents, the RES process is to be raised with CB to see if it can be included in the Customer Journey work she is leading on.

---

**10. Governance**

Quoracy

- 6557 MB updated the panel in relation to the issues with quoracy on GC0105, GC0107/GC0113 and GC0109. MB informed the Panel that the legal advice received stated that a minimum of five Workgroup members have to be present at a Workgroup meeting in order for it to be considered quorate. MB further stated that in order to ensure the best use of time, where quoracy has not been achieved due to unforeseen circumstances, the Code Administrator has been suggesting that informal meetings take place but that the Code Administrator would not be part of the meeting.
- 6558 The Panel discussed the legal advice and raised concern about wasted industry time where meetings are not quorate at the last minute due to unforeseen circumstances.
- 6559 RL queried whether the Grid Code actually states there must be a minimum of five Workgroup members present or could meetings take place provided no vote was undertaken. AC stated that the Workgroup's should proceed with the Code Administrator taking informal minutes
-

- 
- 6560 TM informed the Panel that the CUSC Panel has accepted the clear legal advice. In addition, the CUSC Panel noted some projects should be moved down the priority list based on attendance and the CUSC Panel has asked for visibility to be reported regularly to be sighted to what is happening in relation to quoracy.
- 6561 AC queried whether the Governance Rules should be changed to allow more flexibility in holding Workgroup meetings?
- 6562 CB confirmed that she will be looking at this and how to make Workgroups more accessible under the umbrella of the Customer Journey work.
- ACTION 194:** CB to look at the Governance Rules and quoracy of Workgroups as part of the Customer Journey work.
- 6563 AF stated that he was concerned that if there is a hard minimum number of Workgroup attendees then if a party does not like a modification then industry could choose to just not attend to stop a modification from going forward.
- 6564 TM stated that the industry find the modification process difficult as they cannot resource it. She stated that the Panel and Code Governance have received the legal advice and therefore there is limited scope to do anything further at present.
- 6565 AF agreed that the legal advice should be followed but noted that there are complaints about how quickly modifications are progressing.
- 6566 RL stated that there is a more generous interpretation of the Governance Rules where providing there is no voting then a Workgroup could go ahead as the Workgroup discussions are developmental in nature.
- 6567 AF stated that his view is that the Code Administrator should be able to facilitate any informal meetings that do not meet quoracy on the basis that a lot of Workgroup work is conducted by email.
- 6568 EH confirmed that the current approach is that the Code Administrator will not attend informal meetings Workgroup meetings in order to be consistent with the approach taken in other Workgroups.
- ACTION 195:** TM to discuss quoracy and how the Code Administrator will to facilitate non-quorate Workgroup meeting with John Twomey and Teresa Thompson.

---

**11. Grid Code Development Forum and Workgroup Day**

- 6569 MB provided an update of the last Grid Code Development Forum. He stated that the next meeting is scheduled for 5 December 2018 and at the time of the Panel meeting there were no agenda items.
- 6570 MB advised the Panel that next year, the Code Administrator has planned two days a month for Workgroup days to help facilitate Workgroups.

---

**12. Reports to the Authority (current and anticipated submission)**

- 6571 MB confirmed that GC0112 is currently with the Authority, GS confirmed that it is anticipated that a decision will be made on GC0112 on 6 December 2018.

---

**13. Standing items**

- 6572 In terms of the Distribution Code updates it was suggested that Richard Wood may be able to help provide these. MB stated he would contact Richard Wood.
- 6573 MB provided an update from the last JESG meeting where BEIS provided an update in relation to Brexit. MB confirmed that the next meeting is scheduled for 8 December 2018.
-

---

**ACTION 196:** RW to provide a progress update to the Panel on the Emergency and Restoration Planning consultation

---

**14. AOB**

GC0068

- 6574 RW provided an update in relation to GC0068 and the BSC modification P297. He stated that this modification related to the use of Dynamic Data sets.
- 6575 RW stated that EBS hasn't been fully delivered and an extension has been granted to P297 ahead of full delivery of EBS. He advised that there is likely to be a better understanding of next steps after Christmas.
- 6576 AF queried whether it was possible to achieve the same outcome that was planned through EBS, through another mechanism.
- 6577 RW advised that Ofgem's view is National Grid should talk to stakeholders and decide whether this is still worth doing. AF stated that he can see benefits with pump storage.
- 6578 RW referred to the open letter that was sent out to industry about EBS and he informed the Panel that Ofgem are looking for responses to these questions.
- 6579 GH confirmed that the documentation in relation to EBS can be found under the GC0038 modification on the National Grid website.

Elections

- 6580 The Panel received an update on the Grid Code Review Panel elections. The outcome of the elections will be announced by 4 December 2018.
- 6581 The Panel requested that an explanation in relation to Alternate Members is provided at the next meeting.
- ACTION 197:** MB to provide an explanation about the governance rules in regards to Panel Alternate members at the December 2018 Panel meeting.

BEIS and Ofgem Codes Review

- 6582 GS informed the Panel that there was currently a consultation as part of a review of the energy market codes. The consultation is available on the BEIS and Ofgem websites.
- 6583 To help inform this review, it is intended that there will be stakeholder workshops held in 2019.

Ofgem Publishing Moratorium

- 6584 NH informed the Panel that Ofgem have a publishing moratorium between 21 December 2018 – 2 January 2019. Therefore, there will be no code related publications issued by Ofgem during this period.

Alan Creighton's OBE

- 6585 The Panel congratulated AC on being awarded an MBE for his work in relation to the energy sector.

---

**15. Next meeting**

- 6586 The next Panel meeting will take place at National Grid House (and WebEx) on **19 December 2018** commencing at **10am**
-

