

Minutes

Meeting name	Grid Code Review Panel
Meeting number	8
Date of meeting	Wednesday 15 November 2017
Location	National Grid House, Warwick

Attendees

Name	Initials	Role
Trisha McAuley	TM	Chair
Chrissie Brown	CB	Panel Secretary and interim Code Administrator Representative (Code Administrator)
Naomi Davies	ND	Code Administrator
Gurpal Singh	GSH	Authority Representative
Nadir Hafeez	NH	Authority Representative (Observer)
Damian Jackman	DJ	Panel member
Graeme Vincent	GV	Panel member
Alastair Frew	AF	Panel member
Alan Creighton	AC	Panel member
Nick Rubin	NR	BSC Panel Representative
Kyla Berry	KB	Panel member
Robert Longden	RL	Panel member
Sigrid Bolik	SB	Panel member (alternate)
Robert Wilson	RW	National Grid (Observer)
Garth Graham	GG	Presenter – GC0107 Proposer National Grid Code Administrator (Observer)
Teresa Thompson	TT	
Xiaoyao Zhou	XZ	Presenter – GC0036
Christopher Fox	CF	Presenter – GC0097
Leigh Lipton	LL	Presenter - EBS
John Martin	JM	Presenter – Legal Separation

1 Introductions and Apologies for Absence

TM opened the Panel meeting with round table introductions and noted the advance apologies sent by Kate Dooley (KD), Guy Nicholson (GN), and Steve Cox (SC). All attendees were present in person.

All presentations given at this Grid Code Review Panel meeting can be found in the Grid Code Panel area on the National Grid website:

<http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/Grid-code/Panel-information/Meetings/2017>

2 Approval of previous meeting Minutes

1259. The minutes from the October Panel meeting held on Wednesday 18 October were approved subject to comments received from AF with reference to an unnumbered action in the body of the minutes (minute 1237) and this corresponding action missing from the actions log. October Action 56 at minute 1256 is also missing from the actions log and will be amended. The approved minutes are now available on the National Grid website.
1260. KB made request for Actions log to be circulated to Panel Members ASAP after the meeting. Code Administrator took this away as an action.

ACTION 58: Code Administrator to implement request in accordance with agreed timescales.

3 Review of Actions

1261. **Action 20:** GS noted that he had an outstanding action and advised the Panel that this work was ongoing and that he would have an answer to the action at the next Panel meeting.
1262. **Action 16:** CB noted that she had circulated the GCDF Survey responses to the Panel ahead of the meeting and suggested that the next course of action for these should be discussed at the next Panel meeting.

4 New Modifications

1263. **GC0107 - 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. GC0105 System Incident Report:** GG presented details of his proposed modification to the Panel. PP3 refers to the proposal and Pr2 refers to the presentation; both are available online via <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/Grid-code/Panel-information/Meetings/2017/15-November-2017/>
1264. Following the presentation there was significant discussion amongst panel members in relation to the overall validity and value of the proposal, as well as the need to understand the impact of this modification in relation to compliance with the RfG.
1265. GG stated that addressing the defect is necessary for compliance with RfG given the stipulation in the code for the network operator to specify values by 18 May 2018. GG commented that within the new Grid Code text being developed under GC0100-0102 for compliance there is a lack of reference to the EU Code articles. He stated that there is also a lack of commitment within these modifications to publish the values which is required for transparency. The Proposer stated that two types of values are needed: generic and site-specific. He also explained that addressing the defect would give transparency of the latter and the current mapping sessions being completed for the EU modifications (GC0100-102) will clarify how many of these values are outstanding from the public domain.

1266. KB questioned whether or not the publication of site-specific values which form part of the bilateral connection agreements would be commercially sensitive. GG clarified that the intention is not to publish named and site-specific information, merely to ensure that there is sufficient transparency to enable a generator to assess how the parameters within which they are being asked to operate are the same and/or similar to those of other comparable generators.
1267. KB expressed concerns regarding the impact on RfG implementation of such last minute improvement-focussed modifications which are not absolutely necessary for compliance to be achieved. Panel members agreed with the potential value of addressing the defect post-implementation of modifications GC0100-102. The Panel noted that if compliance is not deemed to be an issue for industry then the timing of the modification against other priority modifications needs to be taken into consideration by the Panel. GG referred to the recommended process as highlighted by National Grid within the body of their GC0102 Workgroup Consultation Response, stating that raising a new modification rather than a potential alternative adhered to this recommendation. GG stated is not the Proposer's intention to frustrate the RfG implementation process by raising a potential Workgroup Alternative Code Modification (WACM) to GC0102 etc., which would be the alternative approach to raising this new Modification.
1268. AC questioned the enduring cost and administration implications of developing and maintaining the proposed spreadsheet, including the scope for error if processes and values are duplicated across documentation in the public domain. The question around the degree to which the spreadsheet adds actual value for stakeholders was re-iterated. There was a desire to review the output from the code mapping exercise currently being completed for EU compliance to assess the potential size of the issue this modification is seeking to address.
1269. AF questioned whether parties can be mandated to populate the spreadsheet. No definitive conclusions were made on how the process could work. AC raised a concern that this could result in a process that is more complicated than is currently being anticipated in the proposal. It was agreed that the question over whether all parties can be obligated to populate the spreadsheet would form part of the Terms of Reference for the Workgroup.
1270. CB provided guidance to the Panel around whether a modification could be rejected once presented to the Panel. As the proposal had been circulated to the Panel she was satisfied that the modification had met the criteria outlined in the Governance Rules GR15.3. CB stated that the only area of the Governance Rules that specifies the conditions on which a modification can be rejected is detailed against GR15.6.
1271. Following considerable discussion and in accordance with GR.19.2, the Panel agreed that a Workgroup should be established to consider the proposal, determine its precise scope and suggest a timetable that takes into account whether the modification is strictly necessary for RfG compliance. The Panel stated that the Workgroup should work to the timetable outlined within the GC0107 presentation until a decision on whether it is required for compliance is addressed.

ACTION 59: Code Administrator to send out Workgroup nominations and seek to schedule first Workgroup date.

ACTION 60: Code Administrator to circulate GC0107 Terms of Reference to Panel Members for sign off.

5 Current Modification Updates

1272. **GC0036 - Review of Harmonics Assessment Standards and Processes and GC0079 - Frequency Changes during Large Disturbances and their effect on the total system - Phase 2:** XZ attended to present to the panel as recorded in September Action 31. Paper PP9 was made available to Panel members via the National Grid website ahead of the meeting. XZ confirmed there are a number of sub-groups to the main Workgroup and that each had produced separate reports which are being collectively reviewed by the main Workgroup up until 23rd November. He outlined that the Workgroup Report is due to go out for consultation at the end of February. AF raised a concern about the ongoing use of G5/4 in the Grid Code in light of ER G5/5 being worked on and adopted for the Distribution Code.

ACTION 61: Code Administrator to liaise with DCRP re the addition of Grid Code related Consultation Question in order to try to identify any stakeholder concern that may be relevant to the Grid Code.

1273. CB informed the Panel that GC0079 can now be officially withdrawn following confirmation that the Proposer had provided all of the paperwork required to the Distribution Code Review Panel.

ACTION 62: Code Administrator to send withdrawal email to Grid Code distribution list outlining that DC0079 will continue with the modification required.

1274. **GC0096 Energy Storage:** CB presented a revised timetable back to the Panel as per October Action 51 (online presentation Pr3). The extension was approved Following this approval the Workgroup Consultation will now be issued to industry at the start of January 2018.

1275. **GC0097 Project TERRE:** CF, as the BSC Transmission representative, presented a detailed update to Panel members on Workgroup progress against the scope (online presentation Pr1 refers). CF highlighted the complexities around integrating the dispatch process into the Balancing Mechanism and the delays this has caused. There is still an expectation that the Workgroup can meet the TERRE go live date. NR made an observation that this modification would still be reliant on central TERRE and the platform. CF stated that there was a piece of work ongoing to look into the implementation and impacts including an IS User Group. The Panel approved the extension to the timetable as requested.

1276. **GC0098 Using GB Grid Code data to construct the EU Common Grid Model in accordance with Regulation (EU) 2015/1222 (CACM) and Regulation (EU) 2016/1719 (FCA):** CB confirmed the current position with the appeal that had been received by Ofgem and Ofgem confirmed that implementation has now been suspended pending their decision which is anticipated for mid-January. SB explained the objections around being mandated to give wider access to highly confidential information as cited in the annex to the solution. Barriers to the open governance process in understanding key stage gates and awareness of when they were to occur were cited as a reason behind the appeal. CB stated that the newsletter had been

introduced for this reason and should assist in raising awareness of consultations ahead of issuance.

Action 63: Code Administrator to investigate ways to engage the wider industry and improve levels of awareness.

Action 64: Code Administrator to support SB with raising a new modification as per GR.15.11.

1277. **GC0099 – Establishing a Common Approach to Interconnector Scheduling:** CB presented a revised timetable to the Panel with an extension request (online presentation Pr4 refers). The divergence of opinion between National Grid and interconnectors in relation to the time requirement for information and National Grid's obligations to TERRE was discussed. It was noted that the Workgroup have requested to bring forward two potential alternatives that are currently being worked on to be submitted to the Workgroup for review and vote. The two month extension was approved by Panel. As a result the Workgroup Report will be issued to the February Grid Code Panel meeting.

1278. **GC0100 EU Connection Codes GB Implementation – Mod 1; GC0101 EU Connection Codes GB Implementation – Mod 2; GC0102 EU Connection Codes GB Implementation – Mod 3:** CB presented an update and revised timetable back to the Panel with an extension request (online presentation Pr5). The extension was approved for the three modifications as requested.

1279. Panel members were informed that the GC0102 Workgroup Consultation closed on 9th October during which time 14 responses were received. These were reviewed by the Workgroup on 14 November 2017. CB noted that there were outcomes and ongoing work for the proposer to complete in order to finalise the solution. There was discussion and recognition of the consequential impact this work is having on other work and Panels.

1280. Next steps were highlighted to include the legal text sessions at the end of the week (16 and 17 November) and the code mapping sessions at the start of the week after (20 and 21 November) ahead of the Workgroup Vote on the 6th December. CB and Workgroup/Panel member AF highlighted the volume of legal text and material that the Panel will be expected to review. To facilitate this process, CB, on behalf of the Workgroup, and as Workgroup Chair for all three modifications (replacing outgoing Chair John Martin for GC0100 and GC0101), will return to January Panel to demonstrate how the Terms of Reference have been met. The intention is for all three Final Modification Reports to be submitted to the Authority at the end of February.

ACTION 65: CB to present Terms of Reference for GC0100-GC0102 to January Panel ahead of Code Administrator Consultation.

1281. **GC0103 – The introduction of harmonised Applicable Electrical Standards in GB ensure compliance with the EU Connection Codes:** CB updated the Panel that following a productive Workgroup mapping session w/c 6th November the Proposer has settled on a proposed solution. There are a number of actions on the Transmission Owners to bring forward some alternatives where appropriate and assess the impact of the proposed solution. These actions affect the overall timetabling so this will be an ongoing action to return to the December Panel. CB

confirmed that the appointment of a technical chair by the Code Administrator was still pending (October Action 53).

1282. **GC0105 System Incidents Reporting:** CB reported on the Proposer's intention to finalise the solution incorporating all feedback from GCDF and GCRP members w/c 20th November on his return from leave. The proposer acknowledged via email circulation to members the value of his ongoing conversations with NGET around the needs of the report mechanism. KB raised the point that if the Proposer continues to request data that is not NGET data then there would be a material impact and therefore would not meet the Self-Governance criteria. October actions 45 and 46 to be returned to December Panel.
1283. **GC0106 Data exchange requirements in accordance with Regulation (EU) 2017/1485 (SOGL):** Online presentation incorporating timetable Pr6 circulated ahead of the meeting was presented by CB. An eight month Workgroup phase was requested due to impact other work has on the timeline. GV raised the impact that any changes to the key organisational requirements, roles and responsibilities (KORRR) in relation to data exchange will impact this Workgroup. The finalised KORRR document is to be published by ENTSO-E at the end of March - <https://consultations.entsoe.eu/system-operations/korrr/>. The Timetable was approved by the Panel.

6 Draft Final Modification Reports

None reported

7 Electrical Standards

1284. CB referred Panel to the most recent electrical standards circulated to Panel Members for comment. AF questioned whether the email circulated by the Code Administrator signified the start of the 20 working day consultation in respect of TS3.2.1. This was confirmed by the Code Administrator. The Panel recognised the need for a follow up housekeeping modification on the Grid Code General Conditions on completion of the full review of the Relevant Electrical Standards. It was noted that these would be discussed in further detail at the next GCRP meeting.

8 Governance

1285. CB highlighted the publication of the Code Administrator Codes of Practice (CACoP) review and the impending request from the ENA for comments from industry members as are sought by Ofgem for ongoing review.

9 Workgroup Day and GCDF

1286. CB confirmed that the next Workgroup Day will be held on Wednesday 6th December. The provisional agenda was circulated ahead of the Panel meeting via the online Panel link. It was noted that Workgroups for GC0100, GC0101, GC0102, GC0104 and GC0106 are all scheduled to convene that day.

10 Workgroup Reports

None reported

11 Reports to Authority

None reported

12 Standing Items

1287. **Code Summary:** CB referred Panel members to the Code Summary document. No additional comments were made by Panel.
1288. **Joint European Stakeholder Group (JESG):** CB confirmed JESG would be held on the 21 November and that the agenda was available online.
1289. **Forward Work Plan:** CB noted that she had circulated the most up to date version of the Forward Workplan and that it was online on the Elexon website (<https://www.elexon.co.uk/news/hot-off-press-european-network-codes-implementation-plan/>). It was noted that it would be beneficial for the link to be added to the agenda. AF noted that it was not apparent from the spreadsheet exactly when SOGL Articles 155,159 and 162 would be raised as modifications to the Grid Code. The Code Administrator took an action to look into these articles and feedback.

ACTION 66: Code Administrator to advise Forward Workplan for SOGL articles 155, 159 and 162

13 Impact of any other Code Modifications or Developments

None raised.

14 Any other business

1290. **Electricity Market Regulatory Sandbox:** This was re-visited following its initial discussion at October Panel as a means of engaging the wider industry. NR stated that there would be an initial workshop scheduled for this and that he was keen for other codes and related parties to participate. The importance of this piece of work and the clear steer from the Authority was noted by the Chair.
- ACTION 67:** NR to forward point of contact details to Code Administrator for Panel presentation to be facilitated at December Panel.
1291. DJ raised an ongoing CUSC Panel issue regarding the issue of large, medium and small banding for generators. This was also raised at the GC0102 Workgroup on 14 November to Ofgem (Stephen Perry). It was noted that this was an ongoing action with the CUSC Panel in addition to the Proposer of GC0102, and therefore the Panel Chair would look into the CUSC Panel action and ensure the action is completed.
1292. **Legal Separation Update:** JM presented his slides on the Legal Separation of NGET. This included when the Panel would be likely to receive a modification to the Grid Code, which is anticipated in Spring 2018. Panel raised concerns around future proofing the process, specifically by addressing set terminology at the outset.

1293. EBS Programme Update: This agenda item was presented by LL as per the slides which were made available online ahead of the meeting. LL confirmed that NG is due to circulate a survey and newsletter by the end of the year to engage wider industry. LL confirmed that the scheduling work is making good progress ahead of the dispatching issues to be addressed. NR highlighted that BSC work P297 is contingent on EBS being implemented with current BSC implementation date being April 2019. There was a call for National Grid to consider including stakeholders in the EBS dispatch timelines due to implications on external systems so cross industry change can be delivered in a co-ordinated way. LL confirmed that the Panel members should see some form of engagement over the coming weeks but to be in touch with him directly should there be any concerns or that this is not being delivered.

15 Next meeting

1294. The next GCRP is scheduled to convene at National Grid House on **Thursday 14 December**.