

Grid Code Review Panel

Minutes: 25 June 2020

Grid Code Review Panel Minutes

Date: 25/06/2020 **Location:** WebEx Only

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

Participants

Attendee	Initials	Company
Trisha McAuley	TM	Independent Panel Chair
Nisar Ahmed	NA	Code Administrator Representative
Rob Pears	RP	Panel Secretary (Code Administrator)
Alan Creighton	AC	Panel Member, Network Operator Representative
Alastair Frew	AF	Panel Member, Generator Representative
Christopher Smith	CS	Panel Member, Offshore Transmission Operator Representative
Damian Jackman	DJ	Panel Member, Generator Representative
Graeme Vincent	GV	Alternate, Network Operator Representative
Gurpal Singh	GS	Authority Representative
Jeremy Caplin	JC	BSC Panel Representative
Joseph Underwood	JU	Panel Member, Generator Representative
Richard Woodward	RWO	Alternate, Onshore Transmission Operator Representative
Rob Wilson	RWI	National Grid ESO Panel Member
Robert Longden	RL	Panel Member, Supplier Representative
Sigrid Bolik	SB	Alternate, Generator Representative

Observers/Presenters

Attendee	Initials	Company
Louise Trodden	LT	National Grid ESO Presenter (GC0142)
Matthew Deitz	MD	Energy UK Presenter (E3C Report)
Nadir Hafeez	NH	Authority Observer
Phil Smith	PS	National Grid ESO Observer (GC0105 Report)

Apologies

Attendee	Initials	Company
Matt White	MW	Alternate, Network Operator Representative
Ross McGhin	RM	Panel Member, Onshore Transmission Operator Representative
Steve Cox	SC	Panel Member, Network Operator Representative
Guy Nicholson	GN	Panel Member, Generator Representative

1. Introductions and Apologies

8019. TM opened the Grid Code Review Panel meeting and introduced the observers and proposers present in the meeting, who were reminded that their participation in the discussion was at the invitation of the Chair.

8020. NA advised the Panel that the meeting was being recorded for use with clarity of the minutes.

8021. RL queried the process of deleting the Panel recordings.

8022. NA clarified that all recordings will be destroyed upon Panel's approval of the related minutes.

2. Minutes from previous meeting

8023. **DECISION** The Panel agreed that, subject to the minor editorial changes proposed by a Panel member being made, the minutes from the May 2020 Panel meeting should be approved as an accurate record.

8024. TM informed the Panel that the approval of the minutes from the GC0143 Special Panel meeting of 01 May 2020 are to be deferred to a future meeting as there were outstanding comments that have yet to be addressed.

8025. **DECISION** The Panel agreed that the minutes from the GC0143 Special Panel meeting of 06 May 2020 should be approved as an accurate record.

8026. **NEW ACTION** for the Code Administrator; TM noted that the actions from the two GC0143 Special Panel meetings of 01 & 06 May 2020 need to be added to the action log for purposes of clarity and an audit trail and such that the panel can confirm that they were fulfilled.

3. Action log

8027. The Panel reviewed the open actions from the meeting held on 28 May 2020 which can be found in the Actions Log.
<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-Panel-meeting-25-june-2020>

4. Chair update

8028. TM had no updates for the Panel.

5. Authority decisions

8029. GS confirmed to the Panel that the Authority had made one decision since the last monthly Panel meeting and this decision was:

- [GC0132](#) - Updating the Grid Code governance process to ensure we capture EBGL change process for Article 18 Terms and Conditions (T&Cs) [Decision 23 June 2020, Approved (WAGCM1) & Implementation 25 June 2020]
<https://www.nationalgrideso.com/document/171976/download>

8030. GS advised the Panel that there was one pending decision with Ofgem, which was not expected before July:

- [GC0133](#) 'Timely informing of the GB NETS System State condition'

8031. NA highlighted to the Panel that the Code Administrator had spotted a typographical error in the approved GC0132 legal text and informed the Panel that the Code Administrator intended to implement the modification with the typographical error and correct it at a later date with a house-keeping modification. NA confirmed that the typographical error was AC's initials in the text in the middle of a paragraph in section GR 15.5 (c).

8032. NA confirmed that it was within the Panel's remit to approve the change at the meeting, if the Authority accepted this approach and the Panel accepted that this was a non-material change.

8033. GS agreed that the Authority was happy for the Panel to approve the change at the Panel meeting.

8034. **DECISION** The Panel agreed that the change was non-material and was happy that the initials were removed from the paragraph so that the implementation could go ahead without an error in the text.

8035. TM brought to the Panel's attention the Authority's observation in their GC0132 decision letter that the Panel should monitor the impact of implementing GC0132 WAGCM1 for cross-code consistency and that the Code Administrators should consider whether they might choose to align the approaches across the affected codes thus ensuring consistency. The Panel agreed for a standing action to be placed on the Code Administrator, allowing the Panel to revisit this issue once the impact of the implementation of GC0132 WAGCM1 is more apparent.

8036. **NEW ACTION** Code Administrator to continually monitor the impact of implementing GC0132 WAGCM1, given the differences to the approved amendments to the CUSC and BSC as now implemented.

6. Energy UK Presentation on E3C Report from Matthew Deitz, Energy UK

8037. Matthew Deitz (MD) from Energy UK presented to the Panel the E3C 'lessons learned' report on the 9 August 2019 power disruption. The slides can be found here: <https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-Panel-meeting-25-june-2020>
8038. GS questioned MD regarding the Hornsea 1 'preliminary lessons learned' and whether this would be a similar issue for other generators?"
8039. MD stated that yes there is a change that would be required, which is the reason for sharing these preliminary lessons learned.
8040. RL stated that when kit is commissioned onto the Grid, it is compliant at the time of connection and throughout its lifetime there are various processes that take place to ensure that the equipment remains compliant. Would it be worth reviewing these processes to ensure the ongoing compliance is appropriate given the subject that we have currently discussed?
8041. MD confirmed that this is a very good point regarding checking the ongoing compliance.
8042. SB confirmed to the Panel that there are some clear overlaps with the scope of GC0141 and it was suggested that it would be useful for MD to give the same presentation at the next GC0141 workgroup meeting so that any in-scope items can be included and to facilitate a more detailed conversation around whether any additional items remained to be dealt with.
8043. RWI confirmed that part of GC0141 is to consider testing to ensure continued compliance of equipment. RWI confirmed he echoes the views of SB and MD that presenting to the GC0141 workgroup would be beneficial. MD confirmed that he was happy to do this.
8044. SB queried if there was any documentation or report available illustrating the changes made to settings and damping as made by Siemens Gamesa and whether any subsequent test results or improvements have been documented?
8045. MD confirmed that he would take this question away regarding the report availability for the settings and any test results after Siemens Gamesa changed the turbine settings and follow this up with the Panel. He confirmed that there was a report provided by Ørsted in the aftermath of the incident and that this may answer the question.
8046. DJ queried if the two losses, Little Barford CCGT and Hornsea 1 were both caused by the lightning strike, or did the first loss at Hornsea 1 trigger the second loss at Little Barford?
8047. MD reiterated to the Panel that these were preliminary lessons and he confirmed that the current view was that both events were triggered by the lightning strike.
8048. RWO stated that it appears that RoCoF settings changes as required by code modifications GC0079 and DC0079 for Embedded Generators were not implemented by users? What actions are being taken by DNOs to remedy this?

8049. MD agreed that it was an excellent point made by RWO and clarified that he doesn't know what DNOs are doing currently. Ofgem is currently reviewing the compliance framework for embedded generators and is looking at licencing requirements.
8050. DJ queried one of the bullet points on the slide where it mentioned the responsibility on DNOs to communicate with generators ("It is advised that individual owners/operators of embedded generation discuss with their relevant DNO its arrangements for LFDD to review the suitability of generation disconnection through this process.") DJ was concerned at the limited resources of DNOs to have these discussions with high numbers of generators.
8051. AC questioned what was expected of DNOs on this engagement action. DNOs could confirm LFDD groups to generators but LFDD schemes are a blunt instrument and AC wondered what was expected from generators on this?
8052. MD stated that there are ongoing attempts to get the industry to think about suitability of disconnection and at what stage. They are trying to encourage DNOs and Generators to communicate better regarding LFDD and the DNOs have clear actions on them to do this. It was noted that MD would take the point away regarding interaction with DNOs.
8053. TM stated that regarding the Ofgem report and the discussion that has taken place today a lot of these issues are recommendations, particularly for the Grid Code on demand disconnection and LFDD so the Panel will need to return to these points. [NB Point added post-meeting for clarity – relevant Ofgem action from their report is as follows: *Action (7): The E3C, through the DNOs and ENA should undertake a fundamental review of the LFDD scheme. The E3C should report its progress to Ofgem and BEIS on a quarterly basis.*] RWI and MD agreed that this would be something for them to work on together.
8054. RWI stated that SQSS modification GSR027 (Review of the NETS SQSS Criteria for Frequency Control that drive reserve, response and inertia holding on the GB electricity system) and GC0141 are already progressing against 9 Aug actions.
8055. **NEW ACTION** Code Administrator to facilitate inviting MD to the next GC0141 workgroup meeting to allow the E3C Report presentation to be repeated with the workgroup members so that any in-scope items can be included and to facilitate a more detailed conversation around where any other items would be dealt with.

7. New modifications

8056. There were no new modifications raised. GC0142 was revisited following on from the action on LT at the Panel meeting held in April 2020 when it was first presented.
8057. **GC0142: Adding Non-Standard Voltages to the Grid Code**
<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0142-adding-non-standard-voltages-grid>
8058. LT delivered a presentation on the progress made since the presentation she delivered at the Panel meeting in April 2020. LT reminded the Panel that the objective of the GC0142 modification was to capture requirements for any future equipment with novel nominal voltages, therefore avoiding frequent amendments to the SQSS and the Grid Code. The slides can be found here:
<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-Panel-meeting-25-june-2020>

8059. LT explained that there had been a question surrounding whether the legal text would cover ECC and CC sections of the Grid Code and she stated that various conversations have been had outside of the Panel, and that there was a consensus to not to change the CC sections, as it could cause concern for existing Grid Code connectees. Therefore, GC0142 will only cover the ECC section. There were further discussions outside the Panel regarding the application of EREC P24 and the conclusion was that no change would be made to the Grid Code now and that P24 was out of scope for this modification. There is a P24 working group already in place, this will allow discussion regarding the application of P24 to connections at 25kV to be reviewed.
8060. LT informed Panel that during the process of making changes to the legal text when the document was converted to a PDF some of the formatting and tracked changes had been lost and needed correcting. It was suggested by LT and AC that the text should be circulated for one week to the Panel to ensure that the Panel is content with the modified legal text showing the correctly formatted and highlighted changes.
8061. **NEW ACTION** Code Administrator to circulate the modified legal text to Panel for a week before it goes to CAC. There was a request from a Panel member as to whether in this instance a Yes/No decision should be required from all Panel members via email, it was agreed that a response from everyone was not required, but a collective audit trail would be useful.
8062. **DECISION** The Panel agreed that revised text should be circulated for a week for any comments.
8063. **DECISION** The Panel agreed that subject to no comments being received it was agreed that GC0142 should proceed to the Code Administrator Consultation (CAC), which will now follow a one-month CAC because of the implementation of GC0132.
8064. TM stated that there was a lesson to be learned regarding the submission of tracked changes documents to Panel to ensure that these receive a proper quality check and that all strikeout text is visible on the PDF.

8. In flight modification updates

8065. NA talked the Panel through the progression of the in-flight modifications. The in-flight modifications can be found 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-25-june-2020>
8066. NA informed the Panel that there were a few minor typographical text changes in the GC0131 legal text that were pointed out by AC and that RWI intended to update the baseline legal text of GC0131 to line up with the changes made in GC0132 which would then be circulated to the Panel for 5 working days prior to it being sent to CAC (it was agreed that this would be discussed later in the agenda when GC0131 is presented).
8067. JC informed the Panel that there is a BSC interaction likely with GC0109 and he has been informed that a BSC modification will likely be necessary to report additional items in BMRS.
8068. **NEW ACTION** Code Administrator to contact Garth Graham who is the proposer of GC0109 to note this.

8069. TM queried if RWI is aware if the Panel should expect an update on the Brexit modification GC0121 in the July Panel meeting?
8070. RWI stated that there is not really any further update that can be provided in the immediate future and that the modification currently remains on hold.
8071. GS informed the Panel that he had an update from the Authority regarding the modification GC0144, which was raised at the Panel meeting held in May 2020. GS confirmed that discussions were held with the policy team at Ofgem and he had been advised that a change of the governance status of GC0144 was needed. At the Panel meeting in May 2020, it had been agreed that GC0144 would follow a self-governance route. However, the policy team at Ofgem have advised GS to inform the Panel that the modification needs to be changed to standard governance requiring Authority approval. The reasoning for this was due to the fact that the Network Code on Emergency and Restoration (NCER) states that the rules for market suspension and restoration must be approved by the National Regulatory Authority; as GC0144 introduces or ensures alignment with rules for market suspension and restoration, the Authority believes that it is a legal requirement for this modification to be ultimately decided on by the Authority.
8072. **NEW ACTION** GS to email the Code Administrator confirming that the Authority is requesting that the governance route be changed to standard governance for GC0144.
8073. DJ voiced his concern that this modification is still contingent on the system defence plan being approved, which is yet to happen. He queried that it was his understanding that it wasn't possible for modifications that were contingent on the approval of other modifications to be progressed.
8074. RWI stated that he recognises the point DJ has made but confirmed that the modification can still progress as that decision is overdue. He noted that it wouldn't be possible to take the modification to the point of a decision as it is contingent on the outcome of the system defence plan, but it could be progressed.
8075. **NEW ACTION** GC0144 workgroup members to discuss the system defence plan and note that this is currently unapproved and ensure that this is covered off in the terms of reference.

9. GC0143 Enduring Solution update

8076. RWI updated the Panel on GC0143 'Last resort disconnection of Embedded Generation', which was the urgent modification that was implemented on Thursday 7 May 2020:
- RWI confirmed that he had presented an update on the enduring solution at the GCDF on Wednesday 3 June 2020 but that, due to the number of queries and comments he was responding to from the GCDF, he was unable to circulate and raise the enduring solution to bring it to the June Panel.
 - RWI confirmed that the proposal will be circulated ahead of the July GCRP meeting for comments, and that it will be then be raised formally at the July GCRP meeting.

10. Discussions on Prioritisation

8077. The Panel reviewed the Grid Code prioritisation stack and decided to make no changes: The current version of the prioritisation stack can be found via the following link in the GCRP June Headline Report:

<https://www.nationalgrideso.com/document/172141/download>

8078. TM thanked RWO for his thoughts on proposed changes to the Grid Code prioritisation stack with the use of tranches. TM asked the Panel to return later to the tranches in the discussion and stated that the Panel should first hear from CS who had some concerns regarding transparency of the prioritisation stack.
8079. CS addressed the Panel and raised concerns regarding GC0137 which had been placed further down the prioritisation stack last month in May 2020 due to the new modification GC0145 - MARI, entering the prioritisation stack at the top. This then had a knock-on effect of the GC0137 workgroup in June being suspended. The explanation given by the Code Administrator was very clearly due to GC0137 being moved down the priority list. CS stated that there was a perfectly reasonable expectation for the Code Administrator to inform the Panel what the impact of moving these modifications down the prioritisation stack would be and this should be clear as part of prioritisation where it was likely that a modification would be paused due to resourcing issues.
8080. CS clarified that the pause itself was not so much the issue, but it just so happened that it coincided with the next round of RFI for tenders for the Stability Pathfinders, where there are many onshore wind farms who would be interested in looking at that market.
8081. CS confirmed that he has shared some emails with the Code Administrator where he has captured some direct comments from key stakeholders in the workgroup who contend that lack of progress on GC0137 is stopping them from participating in the Stability Pathfinder tenders.
8082. RWI agreed with the frustration explained by CS with the delay to the GC0137 workgroup and high stakeholder participation in this. In terms of feeding into the RFI GC0137 obviously wouldn't give a timely result, as it is a few months away from being finalised. The Panel needs to remember that the Prioritisation of modifications is not within the gift of the ESO; the Prioritisation is something that the Panel decides, if the Panel decides to, they can choose to move GC0137 up the list.
8083. CS confirmed that he understood the points made by RWI and agreed that it is the Panel who makes the decisions regarding the prioritisation stack but reiterated that he was concerned with the delay of the workgroup, and that it could be perceived as a lack of transparency. He stated that the ESO should be clear, and communicate appropriately, on the impact of movement within the prioritisation stack due to constrained resources. RWO stated that he agreed with the points made by CS. He stated that Panel Members need to be made aware of any operational consequence of prioritisation. The resourcing issue is a Code Administrator responsibility but if Panel members are not made aware of any resourcing issues, then they are making decisions on priority based on incomplete information.
8084. RL agreed and supported the comments made by CS and RWO but suggested that perhaps it is a burden that the Code Administrator may require some assistance with from industry, in terms of understanding all the issues that interact.
8085. NA thanked everyone for their feedback, and he echoed the comments made by RL regarding the Code Administrator not necessarily being aware of all the other moving parts in the industry. He added that the Code Administrator does not pick and choose the modifications that are worked on, but that it is driven by decisions made by the Panel regarding the prioritisation stack and does not decide itself, based on workload alone. NA stated that he is considering reaching out to the proposers of each of the modifications in the prioritisation stack to get the proposer's views on prioritisation for their modification to

give the Panel a more informed view when making prioritisation decisions; this is an approach that has been adopted by the CUSC Panel and he believes that this will help moving forward.

8086. RWO suggested that perhaps it may be appropriate to add a thick black line on to the prioritisation stack to separate the workgroups that have resource capacity from the Code Administrator from those that don't. This might prompt a follow-on conversation with the Panel when adjusting the prioritisation stack in the future.
8087. AF queried the number of workgroups that can be held in certain months.
8088. NA stated that the Code Administrator has committed to have an average of 7-9 workgroups across all codes (CUSC, Grid Code, STC & SQSS) in a month. Currently more resource is being allocated to the large number of CUSC modifications. He thanked everyone for their feedback and promised to pass on the comments to senior management about this including on the split of resource between CUSC and Grid Code, and the visibility of this across Panels.
8089. TM clarified that she sits on both the Grid Code and CUSC Panels and has visibility of the workload of the Code Administrator. TM confirmed that she wished to speak to the Panel to get their thoughts on the idea of introducing a Tranche system similar to the one used at the CUSC Panel for splitting out modifications into three tranches in the prioritisation stack, this following on from a suggestion made by RWO at the Panel meeting in May 2020.
8090. DJ stated that he doesn't have an issue with the introduction of a Tranche system, but the problem appears to be that there are too many modifications for the resources available to progress them and there are new modifications raised on a regular basis which, in turn, has a knock-on effect with the Tranche system and modifications that are deemed to be lower priority could be usurped by new modifications, therefore raising a concern that lower priority modifications might never be progressed.
8091. TM agreed with the points made by DJ and stated that what happens with the CUSC is that modifications that are deemed to be higher priority are usually due to legal or compliance issues and Grid Code modifications are likely to be treated in a similar way. In terms of Moderate priority modifications, the proposers have been contacted for information to provide the CUSC Panel with information regarding progress and the implications of not concluding the workgroup, so that new modifications do not move ahead of in progress 'Moderate' priority modifications. TM confirmed that she will speak with Gareth Davies (NGESO Industry Frameworks and Code Governance Manager) regarding these issues.
8092. **DECISION** the Panel agreed that applying the approach of using Tranches in Grid Code prioritisation is their chosen way forward and to follow the CUSC method of contacting proposers directly so that their views can be shared with the Panel along with contacting stakeholders for input on a regular basis.
8093. **NEW ACTION** RWO to have a first attempt at proposing the way forward on the split of tranches for the prioritisation stack, with input from Panel via circulation.
8094. RWI stated something that he thought might help RWO with his first attempt of the black line tranche system would be to indicate in the prioritisation stack which modifications have workgroups with meetings currently arranged and which workgroups do not have

meetings currently arranged. This could potentially be in the format of a traffic light system, so red/amber/green.

11. Workgroup Reports

8095. There was one workgroup report presented to the Panel.

GC0131: 'Quick Win' Improvements to Grid Code Open Governance Arrangements

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0131-quick-winimprovements-grid-code-open>

8096. NA delivered a presentation on GC0131. NA stated that, since the implementation of Open Governance arrangements into the Grid Code in February 2017, working with the new processes has highlighted that further improvements could be made to the smooth and efficient running of workgroups, and the progressing of changes to the code making the best use of industry time. In advance of any outcome of the Energy Codes Review, this modification seeks to make minor 'quick win' changes to the Governance Rules to address these where possible.

8097. RWI the proposer of the modification informed the Panel that he intends to re-baseline the legal text for GC0131 to align with GC0132 which will be implemented later that day on Thursday 25 June 2020. This is due to GC0132 making quite a few changes to the same section of the governance rules and, whilst there is no overlap in intent between the modifications, he feels that it is best that the current version of the legal text is updated to the new baseline prior to sending the modification out to Code Administrator Consultation. This will then be circulated to the Panel for five working days.

8098. RWO stated that he would be happy for this to go straight to Code Administrator Consultation without seeing it but understands that other Panel members may feel differently.

8099. AC noted that he understands the point made by RWO and that RWI is just addressing the legal text by bringing it into line with the new baseline set out in GC0132 but he highlighted that sometimes things in the past have been missed and it is his opinion that more sets of eyes on a document can identify any unintentional inaccuracies.

8100. **DECISION** The Panel agreed that the Terms of Reference had been met and approved for GC0131 to proceed to Code Administrator Consultation. It was agreed that the proposer would re-baseline the legal text prior to it being sent out to CAC, and that this would then be circulated to the Panel for five working days.

12. Draft Final Modification Reports (DFMR)

8101. There were no Draft Final Modification Reports presented to the Panel.

13. Reports to the Authority

8102. There were no reports submitted to the Authority since the last Panel meeting.

14. Electrical Standards

8103. There were no updates provided to the Panel.

15. Governance

8104. **DECISION** The Terms of Reference for GC0144, GC0144 and GC0145 which were circulated to the Panel were approved at this Panel Meeting.

16. Standing Groups

Grid Code Development Forum (GCDF)

8105. NA informed the Panel that the GCDF went ahead on Wednesday 03 June 2020, and discussed the following agenda item:

- GC0143 Last resort disconnection of embedded generation – Enduring Solution Presentation by Rob Wilson (NGESO).

8106. NA noted that the next meeting was scheduled to take place on Wednesday 08 July 2020 with the following agenda items:

- Emergency and Restoration Phase 2 - Presentation by Tony Johnson, ESO
- Multiple Fault Ride Through - Presentation by Matt Baller, ESO

Distribution Code Panel Update

8107. AC informed the Panel that he had the following updates:

- Accelerated Loss of Mains - being fast tracked
- D Code has been updated for EREC G5/5 (GC0129)
- A new D code workgroup being established regarding storage, following the implementation of GC0096.

Joint European Stakeholder Group (JESG)

8108. RP informed the Panel that the most recent JESG Meeting scheduled for Tuesday 09 June 2020 had been cancelled.

8109. RP confirmed that the next meeting was scheduled to take place on Tuesday 14 July 2020.

System Incidents Report

8110. PS presented to Panel an update on the implementation for GC0105 'System Incidents Reporting'. The full presentation slides can be found via the following link:
<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-Panel-meeting-25-june-2020>

8111. PS stated that the ESO needs to do what is required in Grid Code, but the goal is to produce something that is as useful and meaningful for the Panel and the industry as possible. It is an iterative process and the ESO will engage with the Panel and the proposer over the next couple of months and update the Panel on any amendments.

8112. PS informed the Panel that the Historic Frequency Data report is already up and running which is in line with GC0105 requirements.

8113. AF noted that there were issues opening the historic data files due to the number of rows of data in Excel.

8114. **NEW ACTION** PS to investigate the issues with the file sizes and opening the historic data files on different devices and how this information can potentially be adapted.

8115. PS presented the first draft version of the GC0105 version of the System Incidents Report for the Panel to review and asked for the Panel's feedback on any of the following:
- Is the Panel happy for the System Incidents Report to be presented to the Panel a month earlier than the code requires, if possible?
 - Voltage range reportable in the code differs from the SQSS, which should be used?
 - Would it be useful to show any loss of generation on the distribution system with the same thresholds, where known?
8116. AC pointed out that the intention of the modification was that no additional information would be required from TOs / DNOs that wasn't already provided.
8117. PS asked for clarity regarding the reporting and what timeframe this was required over to constitute an 'event'?
8118. The Panel was happy for the ESO to use its judgement, as it would normally be expected that the loss would normally be over seconds, but sometimes more.
8119. PS asked for confirmation of the units to use for reporting system inertia and stated that a Panel member, GN, had stated that MWs (mega-watt seconds) should be used. RWI noted that MWs and MVAs (mega volt-amp seconds) are both used by industry and are reasonably interchangeable but that the ESO has otherwise used MVAs as these are probably a more accurate measure of total system capability. Panel agreed that MWs should be used as that is what the Grid Code now states.
8120. **NEW ACTION** PS to liaise with GN regarding the request for additional clarity on voltage dip requirement in the System Incident Reporting. PS to continue to work on the report with the Proposer GN, and other stakeholders as necessary, and provide another update at the July Panel meeting.
8121. **DECISION** The Panel was happy, where possible, for the System Incidents Report to be presented to Panel a month earlier than the Grid Code requires.

17. Updates on other Industry Codes

8122. JC informed the Panel that there were no updates this month.

18. Horizon Scan

8123. There were no updates this month.

19. Forward Plan Update

8124. NA highlighted to the Panel, that next week the Annual report from the Code Administrator will be published on the website.
8125. **NEW ACTION** Code Administrator to circulate a notification to the Panel once this Annual report has been published.

20. Any Other Business (AOB)

Grid Code Panel Elections 2020

8126. JH from the Code Administrator informed the Panel that he had been tasked with the responsibility of handling the Grid Code Elections process for 2020 and JH delivered a presentation to the Panel outlining the process. The slides can be found here: <https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-Panel-meeting-25-june-2020>
8127. JH stated that Grid Code Review Panel Elections are due to take place in September 2020 and that the Elections will determine Panel members for 01 January 2021 to 31 December 2022. The general arrangements to be followed for an election are set out in the Governance Rules Annex GR.A of the Grid Code:
- Code Administrator will send out invitations to Grid Code Users (Schedule 1 of the CUSC) to nominate candidates - 07 September 2020.
 - Each Grid Code User (as defined by CUSC Schedule 1) may nominate one candidate for election in the relevant category by giving notice to the Code Administrator.
 - The Code Administrator will request return of the nominations forms - 09 October 2020.
 - Code Administrator will then circulate the list of candidates and voting papers or announce the outcome of the Election to Grid Code Users no later than 16th October 2018.
 - Voting will only commence if more nominations are received than seats available in the respective categories:
 - Each Grid Code User may submit one voting paper which must be submitted to the Code Administrator no later than 5.00pm Monday 16th November 2020.
 - Code Administrator will make known the results of the election no later than Tuesday 1st December 2020 and newly appointed members will take up their positions at the January 2021 Panel meeting which the date of which is to be determined.
 - The electorate consists of CUSC Schedule 1 members as of August 31 2020.
 - Materially Affected Parties designated by Ofgem can also vote.
 - First Past the Post Method - Panel Members will be elected using the First Past the Post method.
 - Tie-Break Mechanisms - In the event of two or more candidates receiving the same number of votes, the Code Administrator will draw lots to decide who is elected. This will apply to both members and alternates.
 - Anonymity of Voting Papers - The Code Administrator will mark voting papers with a Grid Code User specific reference number on receipt so that they are readily identifiable in the event of queries. However, the details of how Grid Code Users voted will not be revealed to any other third party (except to the Authority as part of the 2018 Election Report).
8128. RWO queried the process with the Offshore Transmission Owner and Onshore Transmission Owner seats following the same process as the suppliers and generators. He stated that the history, at least with the Onshore Transmission Owner seats, is that the three TO organisations agree who represents them and then it rotates through the organisations; are we able to do this?
8129. **NEW ACTION** JH to check the governance rules surrounding the Offshore Transmission Owner and Onshore Transmission Owner seats.

8130. RWO offered help to raise a fast-track change to the governance rules if needed.

General discussion on impacts of COVID-19 outbreak

8131. TM requested to continue to hear from the Panel members and the ESO if there is anything impacting on the delivery of modifications or progress.

8132. RL queried if the ESO had any update on when face to face meetings will return.

8133. RWI confirmed that the latest guidance is that staff should continue to work from home if they can. Those working in Control Rooms continue to work on site. There is likely to be a very limited opening of the ESO offices for those who really need to use the building.

8134. NH updated the Panel on the Ofgem Code Administrator annual performance survey which had been initially delayed due to COVID-19.

The next Grid Code Review Panel meeting will be held on Thursday 30 July 2020 at 10:00 via WebEx.

Modification Proposals to be submitted by Wednesday 15 July 2020.

Grid Code Review Panel Papers Day is Wednesday 22 July 2020.