

Grid Code Review Panel

Minutes: 22 April 2020

Grid Code Review Panel Minutes

Date: 22/04/2020 **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
Louise Trodden	LT	National Grid ESO Presenter (GC0142)
Nadir Hafeez	NH	Authority Observer
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
Apologies	Initials	Company
Guy Nicholson	GN	Panel Member, Generator Representative
Matt White	MW	Alternate, Network Operator Representative
Ross McGhin	RM	Panel Member, Onshore Transmission Operator Representative
Steve Cox	SC	Panel Member, Network Operator Representative

1. Introductions and Apologies

7738. TM opened the Grid Code Review Panel meeting and introduced Louise Trodden as an observer and presenter for GC0142.

2. Minutes from previous meeting

7739. **DECISION** the Panel agreed that the minutes from the January 2020 Panel meeting are signed off as approved.

7740. **DECISION** the Panel agreed that subject to the minor editorial changes, proposed by a Panel member, being made, the minutes from the February and March 2020 Panel meetings are signed off as approved.

3. Action log

7741. The Panel reviewed the open actions from the meeting held on 26 March 2020 which can be found in the Actions Log.

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-panel-meeting-26-march-2020>

4. Chair update

7742. TM had no updates for the Panel.

5. Authority decisions

7743. GS advised the Panel that Ofgem's moratorium will be lifted on 28 April 2020. Following this, decisions on [GC0096](#) 'Energy Storage' and [GC0105](#) 'System Incidents Reporting' will be published later in April or at the start of May.

7744. GS advised the Panel that the FMR decisions for [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', in accordance with the RfG' & [GC0113](#) 'The open, transparent, non-discriminatory and timely publication of the generic and user specific values required to be specified by the relevant TSO(s) and / or relevant system operator', in accordance with the DCC' will miss

the Ofgem 25-day KPI and that the decisions would now be likely made at the end of May.

6. New modifications

7745. There was one new modification raised.

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>

7746. LT delivered a presentation on the Adding Non-Standard Voltages to the Grid Code GC0142. LT advised that the objective of the GC0142 modification will be to capture any future equipment with various nominal voltages – therefore avoiding frequent amendments to the SQSS and also the Grid Code. The aim will be to do this using defined terms where possible and creating a table of voltages, similar to that in the EU codes, in both the SQSS and the Grid Code.
7747. SB queried whether all existing cable voltages had been checked to see if they can operate at those voltages on the table? and what about the +/- % - will this still be operationally correct?
7748. RWI confirmed that this modification is not changing the specification, but just the way that it is presented (the table discussed is shown on slide 14 and can be found at the following link <https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/jesg-meeting-14-april-2020>).
7749. RWI further added that if there is a cable rated at a voltage of 132kV it will still have a +/- 10% operational limit, the same as 275kV within the >110kV-300kV range on the table, and he confirmed that a footnote will be added to suggest that this is the approach for clarity.
7750. AF and AC discussed EREC P24 and queried how this fitted into the proposal given that railway voltages are 25kV, so there is no mention of 25kV- is this a transmission voltage?
7751. **NEW ACTION** LT to check through the voltages tables in the draft legal text and make sure the right provisions for lower voltage systems have been maintained.
7752. AF requested the proposed changes to the Connection Condition text to be checked with reference to the table particularly for systems operating at below 132kV as there is no reference to the table, but there is to the text above it.
7753. NH informed Panel that Ofgem is happy for the modification to follow standard governance route, but clarified that was a decision for the Panel to make.
7754. AC suggested that if this proposal was to proceed directly to Code Administrator Consultation it is likely that there will be some comments received that are more than just editorial and therefore it may be best to collect and review feedback from Panel members to refine the Legal Text and for Panel to confirm they are happy with it before proceeding to CAC.
7755. RWO suggested to Panel that given there is time to review this via circulation, that will provide him with the opportunity to locate the relevant people in the TOs and give them time to review the proposal and add to the discussion.
7756. AF confirmed that he can see that the code change works, but added that there is a need to be sure how EREC P24 fits into the proposal regarding traction voltages.

7757. RWI suggested to Panel that all comments are resolved via circulation and brought back to the Panel meeting held in May to confirm if Panel is happy for this Modification to proceed straight to CAC.
7758. **DECISION** the Panel agreed that there should be offline discussions to cover the points raised at the meeting and this will be done via circulation. A decision on the route that the modification will take will be agreed at the next Panel meeting in May.

7. In flight modification updates

7759. 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-22-april-2020>

8. Discussions on Prioritisation

7760. The Panel reviewed the prioritisation stack. The Panel's rationale on the prioritisation stack is included to show transparency to industry members. The revised version of the prioritisation stack can be found via the following link:
- <https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/grid-code-panel-meeting-22-april-2020>
7761. RWI discussed the GC0137 workgroup which was extremely well attended with over 40 stakeholders joining the first workgroup and asked for Panel to consider moving it further up the prioritisation stack, given the degree of industry interest in this modification.
7762. **DECISION** the Panel agreed to move GC0137 up from 10th to 7th below GC0138 and above GC0117.
7763. **NEW ACTION** Code Administrator are to re-add the "number of workgroup meetings envisaged to be held column" to the prioritisation stack.

9. Blockers on Modifications Progress

7764. An update will be provided at the May Panel.

10. Workgroup Reports

7765. There were no Workgroup reports presented to the Panel.

11. Draft Final Modification Reports (DFMR)

GC0133 'Timely informing of the GB NETS System State condition'

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0133-timely-informing-gb-nets-system-state>

7766. NA delivered a presentation on GC0133. NA stated that GC0133 was proposed by SSE Generation Ltd and was submitted to the Grid Code Review Panel for its consideration on 29 October 2019. GC0133 will require the Transmission System Operator (TSO) for GB; National Grid Electricity System Operator (NGESO); to inform, in a timely manner, the System State condition of the GB National Electricity Transmission System (NETS) to market participants. At the Grid Code Review Panel on 29 October 2019, the Panel unanimously agreed that GC0133 should proceed to Code Administrator Consultation

once the Proposer and the ESO representative had agreed the solution and the legal text.

7767. The Code Administrator Consultation was issued on 12 March 2020 for 15 working days with a closing date of 2 April 2020.

7768. NA advised the Panel that three responses were received to the Code Administrator Consultation (Drax Generation Enterprise Limited, SSE Generation Limited and National Grid ESO).

7769. On meeting the Grid Code Objectives:

The majority of respondents agreed that the Original best met the Grid Code Objectives stating that the Modification increases transparency and provides industry with a clearer indication of the current system state.

However, the National Grid ESO respondent was unclear on the benefits to stakeholders and consumers and is particularly concerned about the considerable potential for media misreporting of the system state or for incorrect conclusions to be drawn from this.

7770. On Implementation:

Two respondents supported the implementation approach (10 working days following a decision from the Authority). One of these respondents commented that there is no need for either a transition period or a prolonged implementation period as the systems are already in place.

However, the National Grid ESO respondent (whilst noting that “system state is currently monitored and updated by the ESO through the ENTSO-E Awareness System”) proposed implementation 6 months after the Authority’s decision date. This would allow National Grid ESO the time to develop, with stakeholders, the right messaging required and limit the risk of misinterpretation.

7771. There were no changes to Legal Text proposed

7772. The Panel voted on whether the Original Proposal better facilitates the Grid Code objectives. The vote was split 5/5 in terms of Original and Baseline. As this was a recommendation vote, the final decision on this will be made by Ofgem.

7773. The Final Modification Report will be circulated to Panel on 27 April 2020 for review and will then be sent to Ofgem on 05 May 2020.

GC0132 ‘Updating the Grid Code governance process to ensure we capture EBGL change process for Article 18 Terms and Conditions (T&Cs)’

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0132-updating-grid-code-governance-process>

7774. RP delivered a presentation on GC0132. RP stated that GC0132 was raised by National Grid ESO and was submitted to the Grid Code Review Panel for their consideration on 27 September 2019. Quoracy could not be reached for GC0132; two Panel members put themselves forward at the November GCRP meeting to progress the modification. Three Workgroup meetings have since been facilitated. Three alternatives (WAGCMs) have been developed alongside the Proposer’s solution.

7775. Workgroup Vote:

The Workgroup concluded that all solutions (WAGCM1, WAGCM2 and WAGCM3) better

facilitate the Grid Code objectives. They agreed by majority that the best solution is WAGCM1.

7776. Proposers solution

One-month consultation carried out at Code Administrator Consultation stage of the process for only those modifications that affect the Article 18 T&Cs related to balancing, as outlined in Annex GR.B. TSO (The Company) to consider responses received and provide justification as to whether responses should be taken into account or not as part of the Draft Final Modification Report stage of the process.

7777. WACGM1

The process that has been drafted for the Original solution would be carried out for all future modifications raised to the Grid Code.

7778. WACGM2

The change would be the same as identified in the Original solution apart from The Company, as TSO would delegate their responsibility under Article 10(6) to the Grid Code Review Panel (GCRP) who would then perform that task, namely that the GCRP "... shall duly consider the views of stakeholders resulting from the consultations undertaken in accordance with paragraphs 2 to 5, prior to its submission for regulatory approval. In all cases, a sound justification for including or not including the views resulting from the consultation shall be provided together with the submission and published in a timely manner before or simultaneously with the publication of the proposal for terms and conditions or methodologies."

7779. WACGM3

This would be a combination of WAGCM1 and WAGCM2 meaning that the process identified would apply for every future Grid Code modification raised and the GCRP would carry out the responsibilities outlined in Article 10(6).

7780. The Code Administrator Consultation was issued on 17 March 2020 for 15 working days with a closing date of 7 April 2020.

7781. RP advised the Panel that two responses were received to the Code Administrator Consultation, one of which was late. (SSE Generation Limited and National Grid ESO)

7782. On meeting the Grid Code Objectives:

Both respondents stated that the original Proposal and all alternatives were neutral against objectives (a) to (c)

Both respondent believed that the original Proposal and all alternatives were positive against objectives (d) in ensuring compliance with European Law

One respondent believed that WAGCM2 and 3 would be negative against objective (e) as they introduce an unnecessary and confusing change of roles, as well as requiring a decision from Ofgem on the delegation of ESO responsibilities

The other respondent stated that WAGCM2 and 3 would ensure a consistency in approach between the BSC (as set out in the P392 workgroup discussions) and Grid Code with the Article 10(6) powers being exercised, in both codes, by the respective Panel therefore being positive against objective (e)

7783. On Implementation:

Legal status of 8 October 2019 decision letter questioned – SSE

P392 (Equivalent BSC change) noted 4 August 2019 date used for this – SSE

7784. There were no changes to Legal Text proposed

- 7785. The Panel held their Recommendation vote for GC0132.
- 7786. The Panel voted on whether the Original Proposal, or Workgroup Alternatives (WAGCM1, WAGCM2 or WAGCM3) better facilitate the Grid Code objectives. Six Panel members voted that WAGCM1 was the best option. One Panel Member voted for the Original and one Panel Member voted for WAGCM3.
- 7787. The Final Modification Report will be circulated to Panel on 24 April 2020 for review and will then be sent to Ofgem on 05 May 2020.
- 7788. GS confirmed to the Panel that the authority decision will be made within the agreed timelines prior to the intended 25 June 2020 implementation date.
- 7789. RWI informed the Panel that a letter has been sent to Ofgem surrounding the System Defence and System Restoration Service Provider Terms and Conditions, and that there would be a further modification raised. The letter confirms that in the interim the ESO would be following the one-month CAC process as covered in the GC0132 Modification.

12. Reports to the Authority

- 7790. The Final Modification report for **GC0107/113** - The open, transparent, non-discriminatory and timely publication of the generic and/or Power Generating Module specific values required to be specified by the relevant TSO(s) and / or relevant system operator et al., in accordance with the Requirements for Generators ([GC0107](#)) and Demand Connection Conditions ([GC0113](#)) was submitted to the Authority for **decision on 09 April 2020**.
- 7791. This decision is expected at the end of May as discussed earlier.

13. Implementation Updates

- 7792. No modifications have been implemented since the Panel meeting held on 26th March 2020.

14. Electrical Standards

Distribution Code Review Panel (DCRP), ENA and it's working group have developed modifications to ENA EREC P24.

- 7793. RWI informed the Panel there needs to be change made to the Grid Code to reference the updated version of P24 which is referenced by SPT and SHET, but isn't referenced by NGET.
- 7794. RWO confirmed that due to COVID-19 the people required to determine a way forward with this change are otherwise occupied but it will be looked at once they are available.
- 7795. RWI confirmed that once P24 is approved a Grid Code modification will have to be raised to update references to the new version, so if NGET has confirmed by that point that it will be referenced in their standards the ESO can appropriately coordinate.
- 7796. AC stated the need to think about whether there is a need for the Distribution Code change to implement P24 and the Grid Code to arrive with Ofgem for a decision at the same time.
- 7797. **NEW ACTION:** AC to provide an update at the next Panel on the timescales of the distribution code modification and finalisation of P24.

7798. **NEW ACTION:** RWO to provide an update at the next Panel on how NGET are or are not going to reference P24 in their standards.

15. Governance

7799. There were no specific governance items discussed at this Panel Meeting.

16. Standing Groups

Grid Code Development Forum (GCDF)

7800. RP informed the Panel that the GCDF went ahead on Tuesday 31 March 2020 and discussed the following agenda items:

- SQSS Review Update: Action from Ofgem/E3C Reports on 9th August 2019 Power Outage – Matt Magill, (NGESO)
- Requirements for additional voltage equipment - Adding 220kV Equipment to the Codes (Grid Code and SQSS) - Louise Trodden (NGESO)

7801. RP noted that the next meeting is scheduled to take place on Wednesday 06 May 2020, with the following agenda items:

- E&R Market Suspension Presentation by Tony Johnson, ESO
- GC0117 Update Presentation by Tony Johnson, ESO (on behalf of the proposer Garth Graham)
- MARI Presentation by Louise Trodden, ESO
- Frequency control for PPMs Presentation by Nicola Barberis Negra, Orsted
(not discussed at Panel but added for clarity)

Joint European Stakeholder Group (JESG)

7802. RP informed the Panel that the most recent JESG Meeting took place via WebEx on Tuesday 14 April 2020. These were the agenda items and updates given at the JESG meeting

- Reporting - Neil Dewar (National Grid ESO)
- MARI - Susan Mwape (National Grid ESO)
- Acer Documents - Bernie Dolan (National Grid ESO)
- Clean Energy Package (CEP) - Claire Huxley and Susan Mwape (National Grid ESO)
- NTC - Claire Huxley (National Grid ESO)
- COVID-19 Impact on JESG Workstreams - Holly MacDonald (Ofgem)

JESG AOB

Garth Graham (Acting JESG Chair) – Extended his thanks to Steve Wilkin (ELEXON) on behalf of all JESG stakeholders for his work with JESG over the years and wished him all the best for his retirement and any future plans.

7803. All the materials related to the meeting can be found via the following link:

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/meetings/jesg-meeting-14-april-2020>

7804. RP confirmed that the next meeting is scheduled to take place on Tuesday 12 May 2020 with one proposed agenda item expected from BEIS:

- UK-EU negotiations for future arrangements update

Distribution Code Review Panel (DCRP) Update

7805. AC informed the Panel that the main items of interest to the Panel, would be the discussion held around EREC P24 and Accelerated Loss of Mains Change Program which was considered to be high priority work and is progressing.

17. Updates on other Industry Codes

7806. JC informed the Panel that the BSC Panel have reviewed all of their modifications and delayed a few of them to reflect the pressures on industry due to the impacts of COVID-19, there is a list on the Elexon Website of those delayed. Anything that impacts on Grid Code still maintain their original timescales and have not been delayed.

18. Forward Plan Update

Stage gate documentation

7807. NA provided an update on the stage gate documentation. NA advised the Panel that the new template for Workgroup consultation, Workgroup Report and Code Administrator Consultation have now been rolled out. Templates for the Draft Final Modification Report and Final Modification Report will be rolled out soon on CUSC with CMP333 being the Modification that these templates will be trialled against. GC0131 will be first workgroup report that the Grid Code Review Panel will be looking at using the new format.

Critical Friend

7808. NA advised the Panel that 5 Grid Code Modifications have been raised between 1 February 2020 and 14 April 2020 and general areas of feedback are:

- Proposed simplification of the language;
- Continue to seek definition of acronyms and not assume the reader has a prior understanding of the proposed change;
- Continue to propose changes to the title so clear what the Modification is seeking to achieve; and
- Implementation timescales need to be clearer to allow informed decision on prioritisation.

7809. NA noted that Code Administrator review the process and checks on a monthly basis and have held workshops internally on a monthly basis to ensure team are confident in this process.

7810. The Chair confirmed she was happy with the direction of travel.

7811. The next Critical Friend update will be provided at the July Panel.

19. Any Other Business (AOB)

Garth Graham (SSE) Email on ENCC and blockers

7812. Garth Graham stated in his email that it would be useful to understand what changes National Grid ESO are planning to make to commercial arrangements as a result of the blockers identified at the ENCC Webinars.
7813. RWI advised that the ESO is not looking at doing anything that would contravene the existing governance.

Consultation Timescales during current Coronavirus outbreak

7814. The Panel held a discussion around consultation timescales during the coronavirus outbreak. NA confirmed that Code Admin would consider extending consultation timescales in this period as long as ongoing milestones are not impacted. The Panel supported this approach.
7815. NA informed the Panel of the Code Administrator's approach to team resource. In the event that members of the Code Administrator team are unfit to work due to COVID-19, they will adopt the following priority order:
1. Panel WebEx meetings
Subject to Quoracy
If Independent Chair is unavailable due to illness, NGESO will Chair.
 2. High Priority scheduled Workgroups via WebEx
The Code Administration team will cancel the lower priority workgroups on this list if it is resource constrained.

ESO Code Administrator performance

7816. NA advised the Panel that [Ofgem's Call for Evidence on ESO](#) performance over the 2019-20 regulatory period is open. The Code Administrator Performance is also covered by this and feedback is welcomed.

Thank-you and Goodbye

7817. TM advised the Panel that Chrissie Brown from the Code Admin team has secured a new role in the Offshore Coordination Team, within NGESO and will be leaving the team officially in June. TM and the Panel thanked Chrissie for her hard work and outstanding support to the Panel over the past few years. The Panel noted that Chrissie will be greatly missed and wished her the best of luck in her new role.

The next Grid Code Review Panel meeting will be held on Thursday 28 May 2020 at 10:00 via WebEx.

Modification Proposals to be submitted by 12 May 2020.

Grid Code Review Panel Papers Day is 19 May 2020.