Grid Code Review Panel

25 November 2021

## **Grid Code Review Panel Minutes**

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| Date: | 25/11/2021 | Location: | Microsoft Teams |
| Start: | 10:00am | End: | 14:00pm |

## **Participants**

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| --- | --- | --- |
| Attendee | Initials | Company |
| Trisha McAuley | TM | Independent Panel Chair |
| Nisar Ahmed | NA | Code Administrator Representative |
| Banke John-Okwesa | BJO | Panel Technical 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 |
| Graeme Vincent | GV | Alternate, Network Operator Representative |
| Gurpal Singh | GS | Authority Representative |
| Guy Nicholson | GN | Panel Member, Generator Representative |
| Iain Dallas | ID | Alternate, Generator Representative |
| Jeremy Caplin | JC | BSC Panel Representative |
| John Harrower | JH | Panel Member, Generator Representative |
| Nadir Hafeez | NH | Authority Representative |
| Rob Wilson | RWi | Panel Member, National Grid ESO |
| Robert Longden | RL | Panel Member, Supplier Representative |
| Ross Kirkwood | RK | Alternate, Onshore Transmission Operator Representative |
| Sigrid Bolik | SB | Generator Representative |
| **Observers/Presenters** |  |  |
| Attendee | Initials | Company |
| Konark Anand | KA | OFGEM (Presented Electricity Transmission Network Planning Review Consultation Update) |
| Jennie Groome | JG | Code Administrator, National Grid ESO (Presented the Code Administrator 2021/2022 Deliverables and the ESO Customer Satisfaction (CSAT) Survey results and updates on the new CACoP website) |
| Sally Musaka | SM | Code Administrator, National Grid ESO |
| Frank Kasibante | FK | National Grid ESO |
| **Apologies** |  |  |
| Attendee | Initials | Company |
| Roddy Wilson | RW | Panel Member, Onshore Transmission Operator Representative |
| Steve Cox | SC | Panel Member, Network Operator Representative |

## **Introductions and Apologies**

1. Apologies were received from Roddy Wilson and Steve Cox.
2. **Minutes from previous meeting**
3. The meeting minutes from the Grid Code Review Panel held on 27 October 2021 were approved.

## **Review of actions log**

1. There were no actions for review.

## **Chair’s update**

1. There were no Chair updates.

## **Authority Decisions**

1. GS advised that the **GC0151** authority decision was published 5 November 2021. Two Final Modification Reports are currently under review: **GC0133 and GC0137**,decision to be published January 2022. GS advised that the Authority publishing moratorium will commence from 2pm on 16 December to 9am on 4 January 2022.

## **New modifications**

[**GC0153 Making the Grid Code Gender Neutral**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0153-making-grid-code-gender-neutral)

1. NA advised that the Code Administrator is seeking to remove all gender specific references and terminology within the Codes and making them more gender neutral. To fulfil this, two new modifications were raised in November for the CUSC and Grid Code with the ask of both Panels that the modifications are considered through the self-governance route and proceed straight to Code Administrator Consultation. Further modifications to make changes to the STC and SQSS would be raised in January 2022 via their respective governance process.
2. RWi noted that some minor changes need to be made to the legal text of this modification. Proposed changes had been circulated via email on 24 November 2021. David Halford from the ESO will make changes to the legal text and revert to the Code Administrator with updated versions. **ACTION 412.**
3. The Panel agreed that the Modification meets the Self-Governance criteria and can proceed to Code Administrator Consultation.

## **7.** **In flight modification updates**

1. NA talked the Panel through the progression of the in-flight modifications. The in-flight modifications can be found in the Headline Report 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-30092021](https://www.nationalgrideso.com/document/222986/download)

**[GC0151 Grid Code Compliance Fault Ride Through Requirements](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0151-grid-code-compliance-fault-ride)**

1. NA advised that the Authority decision was published on 5 November 2021.

[**GC0139 Enhanced Planning-Data Exchange to Facilitate Whole System Planning**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0139-enhanced-planning-data-exchange)

1. NA advised that, in the last Workgroup meeting the Workgroup members developed a defined plan for the modification. They agreed that:

* The Proposer would draft the Terms of Reference for CIM Subgroup.
* The Proposer would meet with the leaders of the CIM subgroup to review the scope.
* A group of 4 experts from Workgroup would produce another version of the legal text by mid-November.
* The Workgroup will develop the gaps in the timeline for Panel update between now and mid-March 2022.
* The ESO Technical Codes Team had re-circulated the draft legal text.

1. The Workgroup is currently working towards concluding the workgroup consultations and finalising the report for Panel to review by mid-March 2022.

[**GC0117 Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0117-improving-transparency-and)

1. NA advised that at the last Workgroup meeting, the ENA delivered a presentation on operational visibility and monitoring (WS1B P6) work being carried out by the Open Networks project. The Workgroup is currently seeking to better understand the link between the WS1B P6 work and the GC0117 modification and have invited the Open Networks representatives to attend the next workgroup meeting on 14 December 2021 to answer pending queries that were raised by Workgroup members.
2. Some Panel Members requested clarification on:

* The scope of this modification and the limits of its scope.
* The three agreed options. RWi advised that the second option potentially implies that 50MW would cease to exist and suggested that the issue of retrospectivity should be considered in relation to each option.
* Whether the modification address the Power Park Module & Power Generating Module arrangements. RWi advised that the modification would be unlikely to consider these since they stem from the Requirements for Generator Code which is retained GB Law.
* Whether the option of retrospectivity would be deliberated and decided on.

1. AC clarified that the questionnaire deadline extension was to give additional time to allow smaller distribution connected generators to participate using the contact lists of DNOs and the ENA.

[**GC0138 Compliance process technical improvements (EU and GB User)**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0138-compliance-process-technical)

1. NA stated that the Code Administrator Consultation was issued on 3 November and would close on 3 December 2021. The Code Administrator will issue the Draft Final Modification Report to Panel for consideration prior to the next Panel meeting.

[**GC0141 Compliance Processes and Modelling amendments following 9th August Power Disruption**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0141-compliance-processes-and-modelling)

1. NA advised that a Workgroup Member has decided to raise a new modification rather than pursuing this as an alternative following Panel guidance. The Panel acknowledged the notes from the Workgroup stating that ‘*The BCAs that the Users/Generators have signed onto are linked to the CUSC which requires Users to meet the requirements of the Grid Code. The Grid Code does not cover site specific requirements or new developments (e.g. storage before GC0096 was approved). This statement requires Users the* ***choice*** *of meeting the requirements of the BCA* ***or*** *the Grid Code when GC0141 is approved.’*
2. SB explained at the last workgroup meeting an issue was raised around discrepancies found in contracts particularly those relating to compliance and modelling of sites. The Workgroup feel that this needs to be addressed by the CUSC Panel and the templates need to be reviewed. Some Panel Members stated that generally, retrospectivity should not be applied to existing agreed/signed Connections contracts unless this is specifically addressed by the modification in question.
3. NA advised that he had sought legal advice on the issue identified by the workgroup.

[**GC0146 Solutions for frequency control of Power Park Modules**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0146-solutions-frequency-control-power)

1. NA stated that this modification had been submitted by Orsted on 19 May 2020. This modification seeks to modify the existing requirement for frequency control at Power Park Modules (PPM) level and allow flexibility for Users to choose a control solution at Balancing Mechanism (BM) Unit level. The proposal does not seek to modify the current frequency response, but only the way the response is achieved.
2. Six workgroup members were appointed following the Code Administrator workgroup nominations process. Dhaval Parmar, an Ofgem representative, would attend workgroup meetings on behalf of the Authority. The first Workgroup meeting is scheduled for 8 December 2021.

[**GC0148 Implementation of EU Emergency and Restoration Code Phase II**](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0148-implementation-eu-emergency-and-0)

1. NA stated that the last workgroup meeting was held on 05 November 2021 and that, prior to that meeting, the following documents had been circulated to the Workgroup for review and comment: System Defence Plan, System Restoration Plan and Test Plan, Control Telephony standard, Draft Legal Text for performance of Storage Plant under low frequency conditions and Distributed Restart Legal Text.
2. The Workgroup is still pursuing the low frequency demand disconnection performance with the DNOs.

## **Cross Code Tracker and Prioritisation Stack**

8848. The Panel reviewed the Cross Code Tracker and prioritisation stack and agreed to not to make any changes. The Prioritisation Stack can be found in the Headline Report via the following link: <https://www.nationalgrideso.com/document/216221/download>

8849. NA advised that there would be a new modification from the ESO to add to the stack in the following month. GS also highlighted the forthcoming modification to address one of the rejected alternatives for GC0151 - WAGCM2.

1. **GC0151 Incident Monitoring by the ESO**
2. RWi advised that a draft Incident Report Template in relation to GC0151 was circulated to Panel members on 18 November 2021 for review and comments. JH responded that it would be helpful if incidents can be recorded as quickly as possible. RWi clarified that the ESO are currently expected to share incidents on a “reasonably practicable” basis but that it can be challenging to determine exactly what has happened in some cases. The Panel was encouraged to provide further feedback offline with RWi noting that the ESO wants to provide information in as timely and useful a format as possible.
3. **Electricity Transmission Network Planning Review Consultation Update**
4. Konark Anand (KA) from the Authority delivered a presentation on the [Consultation Electricity Transmission Network Planning Review.](C:\\Users\\Trisha\\Downloads\\ https\\www.ofgem.gov.uk\\publications\\consultation-initial-findings-our-electricity-transmission-network-planning-review)

1. This consultation summarises the initial findings of Ofgem’s Electricity Transmission (ET) Network Planning Review which is aimed at ensuring that Electricity Transmission network planning can efficiently support the delivery of Net Zero at lowest cost to consumers. A key area that was considered is how to efficiently plan and progress strategic investments driven by changes in future energy demand and supply holistically.
2. Some Panel members commended KA for the presentation and all useful updates provided. Queries and comments raised by Panel members for consideration were:

* To ensure that the group of developers is more inclusive by including non-industry bodies such as Trade Associations.
* Complaints that the current network planning method is ineffective.
* To take account of generation in modelling.
* The timescales for enduring arrangements. KA confirmed that the expectation is that the FSO is the ideal body to deliver the enduring arrangements and to manage any associated consultations. Also, the timescales are not concluded.

1. KA explained that looking at boundary capabilities alone would be insufficient due to the level of complexities the different types of generation can bring, noting that there are large changes expected in the demand sector as well such as electric vehicles, heating, future of hydrogen. For example, some large hydrogen plans may require electrolysis. KA advised that the consultation would close on 17 December 2021.
2. The Chair thanked KA for attending and presenting.

## **9. Workgroup Reports**

1. There were no Workgroup Reports presented to the Panel.

## **10. Draft Final Modification Reports**

**[GC0152](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0152-updating-grid-code-governance-process)****[Updating the Grid Code governance process to ensure we capture network code on electricity emergency and restoration (NCER) change process for Article 4 Terms and Conditions (T&Cs)](https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0152-updating-grid-code-governance-process)**

1. NA presented the Draft Final Modification Report for **GC0152** to Panel. NA explained that the Code Administrator Consultation commenced on 11 October 2021 closed on 11 November 2021, with one response received.
2. The Panel held their recommendation vote on **GC0152**. The Panel unanimously recommended that the Proposer’s solution should be implemented. NA to circulate the Final Modification Report on 29 November 2021 for Panel members to check that their votes are correctly recorded. **ACTION 413.**

*Post meeting note: The Final Modification Report was circulated to Panel on 26 November 2021 for 5 working days to check voting. The Final Modification Report will be submitted to Ofgem on 6 December 2021.*

**11. Reports to Authority**

1. NA advised that **GC0137** had been submitted to the Authority on 11 November 2021. There were no further updates.

## **12. Implementation updates**

1. NA advised that the **GC0151** authority decision was implemented into the Grid Code on 8 November 2021.

## **13. Governance**

1. There were no further updates for Panel.

## **14. Grid Code Development Forum (GCDF)**

1. RWi advised that the meeting that should have held on 24 November 2021 was cancelled due to a lack of agenda items.

## **15. Standing Groups**

**Distribution Code Review Panel Update**

1. AC advised that there was a consultation relating to generator compliance enforcement which was raised in relation to the loss of mains change programme. The Proposal is to take the Distribution Code changes to the next Distribution Code Review Panel (DCRP) meeting on 2 December 2021. He also reported to the DCRP that forthcoming code changes in relation to distributed restart were being considered by the joint Grid Code and Distribution Code GC0148 workgroup.

**Joint European Stakeholder Group (JESG)**

1. NA stated that JESG was held on 9 November 2021. The meeting materials can be found via the following link:

[h](https://www.nationalgrideso.com/industry-information/codes/european-network-codes-old/meetings/jesg-meeting-9-november-2021)[ttps://www.nationalgrideso.com/industry-information/codes/european-network-codes-old/meetings/jesg-meeting-12-october-2021](https://www.nationalgrideso.com/industry-information/codes/european-network-codes-old/meetings/jesg-meeting-9-november-2021)

## **16. Updates on other Industry Codes**

1. There were no updates.

## **17. Blockers to Modification progress**

1. There were no updates.

## **18. Horizon Scan**

1. NA provided updates on the Horizon Scan. The on-going and upcoming projects are available in the Grid Code Review Panel presentation pack 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-25112021](https://www.nationalgrideso.com/document/221576/download)

## **19. Electrical Standards**

1. NA advised that there were no objections received in relation to the electrical standards that were presented to Panel in the last Panel meeting: The NGESO NETA Despatch Instruction Guide and NGESO EDL Instruction Interface Valid Reason Codes. NA noted that AC proposed some editorial changes which had been adopted.
2. The NGESO NETA Despatch Instruction Guide and NGESO EDL Instruction Interface Valid Reason Codes were formally adopted by the ESO on 25 November 2021 and may be accessed via the following links:

* EDL Instruction Interface valid Reason Codes: <https://www.nationalgrideso.com/industry-information/codes/grid-code/electrical-standards-documents>
* BETTA Despatch Instruction Guide: <https://www.nationalgrideso.com/industry-information/codes/grid-code/code-documents>

## **20.** **Forward Plan Update / Customer Journey**

1. Jennie Groome (JG) from the Code Administrator provided updates on the Code Administrator 2021/2022 Deliverables and the ESO Customer Satisfaction (CSAT) Survey results. Details of the ESO Satisfaction Survey and the Code Administrator deliverable plan update are available in the Grid Code Review Panel presentation pack 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-25112021>

1. JG advised that the Ofgem have recently run a Code Administrator Code of Practice (CACoP) survey. Results will be shared with Panel once received.

## **21. Any Other Business (AOB)**

## **Launch of new CACoP website**

1. JG advised Panel of the launch of a new [CACoP website](https://cacop.co.uk/) where any information relating to CACoP can be accessed. JG asked that the Panel browse the website and provide feedback any issues or concerns to the CACoP Forum Secretary via a contact form on the [Contact Us](https://urldefense.com/v3/__https:/subscribers.nationalgrid.co.uk/t/d-l-atyjlyk-jhfihnik-t/__;!!B3hxM_NYsQ!mbH1WUijFPfbQKe39OyTcL1E2Jyqfbpqi1ZsT25SOAXnkvFHoO_kLJ4F8BqaycOejvPrRtkMw_o$) page and that Panel members also share the link with colleagues who may find it useful.

**Electricity System Restoration Standard - Implementation Consultation**

1. RWi advised that an ESO consultation on the new Electricity System Restoration Standard (ESRS) would open on 10 December 2021. This is on the ESO’s black start page which can be accessed [here](https://www.nationalgrideso.com/balancing-services/system-security-services/black-start?overview) and the consultation [here](https://www.nationalgrideso.com/document/220256/download). Responses received will feed into the industry working groups who will be proposing changes to industry frameworks to support implementation of the ESRS code changes which are required to come into effect by September 2023.

**GCRP 2022 dates**

1. NA presented planned upcoming GCRP 2022 dates to the Panel and advised that there would be 4 face to face meetings – January, April, July and October. Panel members would be advised of relevant covid safety measures prior to each face-to-face meeting.

**Farewell to Joe Underwood**

1. The Grid Code Panel bid farewell to Joe Underwood who was formerly an Alternate to RL and wished him all the best for the future.

**The next Grid Code Review Panel meeting will be held on 16 December 2021 at 10:00 via Microsoft Teams.**

**New Modification Proposals to be submitted by 1 December 2021.**

**Grid Code Review Panel Papers Day is 8 December 2021.**