

# Grid Code Review Panel (GCRP)

## 25 April 2024

### Grid Code Review Panel Minutes

**Date:** 21/03/2024      **Location:** Microsoft Teams  
**Start:** 10:00 AM      **End:** 1:20 PM

### Participants

Attendee	Initials	Representing
Trisha McAuley	TM	Independent Panel Chair
Milly Lewis	ML	Panel Secretary, Code Administrator
Lizzie Timmins	LT	Panel Technical Secretary, Code Administrator
Alan Creighton	AC	Panel Member, Network Operator Representative
Alastair Frew	AF	Panel Member, Generator Representative
Antony Johnson	AJ	Alternate, National Grid ESO
David Monkhouse	DM	Panel Member, Offshore Transmission Licensee Representative
Graeme Vincent	GV	Alternate, Network Operator Representative
Gurpal Singh	GS	Authority Representative
Jamie Webb	JW	Panel Member, National Grid ESO
John Harrower	JH	Panel Member, Generator Representative
Nara Arava	NA	Alternate, Generator Representative
Rashmi Radhakrishnan	RR	Panel Member, BSC Representative
Robert Longden	RL	Panel Member, Supplier Representative
Ross Kirkwood	RK	Panel Member, Onshore Transmission Licensee Representative
Sigrid Bolik	SB	Generator Representative

### Apologies

Attendee	Initials	Representing
Darshak Shah	DS	Panel Member, Generator Representative
Matthew White	MW	Panel Member, Network Operator Representative
Nadir Hafeez	NH	Authority Representative

### Presenters / Observers

Attendee	Initials	
Claire Goult	CG	National Grid ESO, Observer

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David Halford	DH	National Grid ESO, Proposer GC0171
Ian Povey	IP	Electricity North West, Proposer GC0139
Stuart McLarnon	SM	National Grid ESO, Observer
Tanmay Kadam	TK	National Grid ESO, Proposer GC0171
Teri Puddefoot	TP	National Grid ESO, Chair GC0139

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## 1. Introductions, Apologies and Declarations of Interest

10188. Apologies were received from Matthew White, Nadir Hafeez and Darshak Shah.

10189. The Chair introduced Stuart McLarnon and Claire Goult to the Panel as observers.

10190. JW noted that Penny Garner has joined the ESO as Market Frameworks manager.

10191. No declarations of interest were noted by the Panel.

## 2. Minutes from previous meetings

10192. The minutes from the Panel meeting held on 21 March 2024 February were approved subject to the incorporation of amendments from AC and GS.

## 3. Review of actions log

ML gave an update on the open actions, as follows:

10193. **Action 451** – action to remain open, with further update to be given at May 2024 Panel.

10194. **Action 452** – action closed – it was confirmed that a joint GCRP / DCRP Workgroup was not required for GC0169.

## 4. Chair's update

10195. The Chair noted that the Connections Delivery Board now coincides with Grid Code Review Panel meetings, but clarified that the minutes from the previous meeting have been published on the website.

## 5. Authority Decisions

10196. GS advised that there are no updates on Authority decisions as no Grid Code modifications are currently with Ofgem for decision.

10197. ML queried whether the Authority had an update on their decision on the Test Plan. GS advised that they have had internal discussions regarding the Test Plan and were hoping to provide a decision in due course.

## 6. New Modifications

### GC0171: Improving the clarity and transparency of the Compliance Process for Small Generators with a Bilateral Embedded Generator Agreement (BEGA)

10198. TK gave a presentation on GC0171, which aims to establish new definitions of operational notifications for Embedded Small Generators with a Bilateral Embedded Generator Agreement (BEGA) with the ESO, helping improve the clarity and transparency around the

compliance responsibilities between the ESO and relevant Network Operator, therefore increasing overall efficiency and stakeholder satisfaction during the compliance process.

10199. The Panel discussed the following topics:
- The modification Governance route and whether it was appropriate to go straight to Code Administrator Consultation;
  - Rationale for why the modification is specific to Small Power Stations and does not include Large Power Stations within its scope;
  - Arrangements in Scotland and whether IONs and FONs will apply to Large Embedded Power Stations;
  - Consistency with proposed EREC G99 changes; and
  - Possible interaction with GC0169; the Proposer confirmed that the two defects are distinct.
10200. The Panel requested that the Proposer of GC0171 further develop their modification before presenting it to a subsequent meeting of the Grid Code Review Panel.

## 7. In flight modification updates

### GC0139: Enhanced Planning-Data Exchange to Facilitate Whole System Planning

10201. ML presented the updated timeline for GC0139 to the Panel.
10202. TP noted that the timeline has extended due to the technical complexities of the modification, however highlighted that significant work has been completed on the legal text within the subgroup meetings.
10203. IP outlined the significant work covered within the modification.
10204. The Panel agreed the revised timeline as submitted within the Panel papers.

### GC0166: Introducing new Balancing Programme Parameters for Limited Duration Assets

10205. ML presented the updated timeline for GC0166 to the Panel, noting that the initial proposed timeline was ambitious.
10206. RL noted the complexity of the modification.
10207. The Panel agreed the revised timeline as submitted within the Panel papers.

### GC0168: Submission of Electro Magnetic Transient (EMT) Models

10208. ML presented the amended Terms of Reference to the Panel as submitted in the Panel papers, and with additional amendments proposed by AC.
10209. The Panel agreed the revised Terms of Reference.

### GC0169: Material changes identified from Grid Code Modification GC0136 and Consistency of requirements between the Connection Conditions and European Connection Conditions

10210. JW noted that the ESO still believe that GC0169 can be covered within one modification, however would be willing to split it into two modifications.
10211. GS advised the modification should be two separate modifications, which JW agreed to do.
10212. The Panel agreed to discuss the Terms of Reference of each of the two modifications once the modification had been split.

## 8. Workgroup Reports

10213. There were no updates for the Panel.

## 9. Draft Final Modification Reports

### GC0117: Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of Power Station requirements

10214. ML presented the Draft Final Modification Report to the Panel, noting that thirteen responses were received as part of the Code Administrator Consultation.
10215. ML noted that no legal text concerns were raised as part of the Code Administrator Consultation, however several typographical amends were highlighted as part of the rebaselining of the legal text to the current Grid Code baseline.
10216. The Panel agreed that the suggested legal text amends to the Original Proposal and WAGCM1 were typographical and that the changes could be carried out.
10217. The Panel discussed the EBR issues raised within the Code Administrator Consultation and added clarity to the Draft Final Modification Report to reflect that WAGCM1 has no EBR implications.
10218. ML noted that there is ongoing work to improve the process for considering EBR implications (Action 455).
10219. The Panel held their recommendation vote, with 4 Panel members noting that the Original Proposal better facilitates the Grid Code objectives than the Baseline and 2 Panel members noting that WAGCM1 better facilitates the Grid Code objectives. The Panel were unable to reach a consensus on whether the Original Proposal better facilitated the Grid Code objectives than the Baseline.
- Of the eight Panel members who voted, four Panel members voted that the Original Proposal better facilitated the Grid Code Applicable Objectives than the Baseline.
- The Panel recommended by majority that WAGCM1 does not better facilitate the Grid Code Applicable Objectives than the Baseline.
- Of the eight Panel members who voted, two Panel members voted that WAGCM1 better facilitated the Grid Code Applicable Objectives than the Baseline.
- Three Panel members did not believe that either the Original Proposal or WAGCM1 better facilitated the Grid Code Applicable Objectives.
- In terms of the proposal that Panel members thought was best.
- Four Panel members voted that the Baseline was the best option.
  - Two Panel members voted that the Original Proposal was the best option.
  - Two Panel members voted that WAGCM1 was the best option.
  - One Panel member opted to abstain from the Panel recommendation vote.

## 10. Reports to the Authority

10220. There were no updates for the Panel.

## 11. Prioritisation Stack

10221. ML presented the prioritisation stack to the Panel and noted that several new CUSC and STC urgent modifications have been raised this month which will impact the Code Administrator workload.
10222. The resulting prioritisation stack can be found via the following link: [Grid Code Review Panel Meeting - 25.04.2024 | ESO \(nationalgrideso.com\)](#)

## 12. Implementation updates

### GC0154: Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119

10223. ML advised that GC0154 WAGCM1 was implemented on 02 April 2024 and included updates to the Glossary and Definitions, Balancing Code 1, and Balancing Code 2.

**GC0170: Typographical and formatting updates following the implementation of GC0156: Facilitating the Implementation of the Electricity System Restoration Standard**

10224. ML advised that GC0170 was implemented on 22 April 2024 and included updates to the Glossary and Definitions, Planning Code, Connection Conditions, European Connection Conditions, Operating Code 2, Operating Code 5, Operating Code 9, Data Registration Code and General Conditions.

### 13. Governance

10225. There were no updates for the Panel.

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

10226. ML advised that the meeting on 03 April 2024 was cancelled due to lack of agenda items.

10227. The next meeting is planned for 01 May 2024, with Data collection from Dynamic System Monitoring Systems on the agenda.

### 15. Standing Groups

#### Distribution Code Review Panel Update

10228. AC advised that the Distribution Code Review Panel are continuing to discuss Engineering Recommendations that are referenced in the Grid Code.

#### Joint European Stakeholder Group (JESG)

10229. ML advised that the meeting on 09 April 2024 was cancelled, and the next meeting is due to take place on 14 May 2024.

### 16. Updates on other Industry Codes

10230. The Panel papers and Headline report for the following meetings can be found at the below links:

- a. [22 March 2024 CUSC Panel](#)
- b. [27 March 2024 STC Panel](#)
- c. [09 April 2024 SQSS Panel](#)

10231. RR noted that the BSC modification alongside GC0166 has now been raised, and advised that a BSC modification may be raised following the Authority decision on GC0117.

### 17. Challenges to Modification Progress

10232. There were no updates for the Panel.

### 18. Horizon Scan

10233. There were no updates for the Panel.

### 19. Electrical Standards

#### Distribution Restoration Zone Control System Standard

10234. ML noted that the DRZCS standard is the only outstanding standard remaining as part of the GC0156 suite of electrical standards. ML advised that this standard will be implemented on 04 June 2024 if no comments are received during the Panel Review period.

## 20. Code Administrator Update

10235. ML noted that the Grid Code Elections will be held later this year, to elect 4 Generator representatives, 1 Supplier representative, 1 Onshore Transmission Owner representative and 1 Offshore Transmission Owner representative. ML advised that nominations would open in September and that voting will begin in October if required.

## 21. Any Other Business (AOB)

### Energy Code Reform

10236. GS noted that the Authority have recently published a joint consultation with [DESNZ/Ofgem consultation](#) on Code Manager licence and Code Manager selection regulations which closes on 5 May 2024. GS also advised that the [Ofgem consultation](#) on the implementation of Energy Code Reform closed on 23 April 2024. This was to seek feedback on the proposed Energy Code Reform approach, including potential code consolidation.

10237. GS thanked industry colleagues who have volunteered to join their Modification Process Workgroup (MPW), noting that the list of members has been [published](#) to ensure visibility for wider stakeholders. GS advised that the introductory meeting on 17 April 2024 was to agree ways of working and discuss content and sequencing for future sessions. It is expected that there will be five meetings of the MPW between May and July 2024, with the outputs intended to inform policy development ahead of the next consultation on implementation of energy code reform. GS agreed to provide updates from the sessions at forthcoming Panel meetings.

## 22. Close

10238. The Chair thanked the Panel for their time and contribution and brought the meeting to a close.

**The next Grid Code Review Panel meeting will be held on 30 May 2024 in Faraday House.**

**New Modification Proposals are to be submitted by 15 May 2024.**

**Grid Code Review Panel Papers Day is 22 May 2024.**