

Headline Report – 21 March 2024

Grid Code Review Panel

The Headline Report is produced after every Panel and aims to provide an overview of the key decisions made. Minutes for this meeting will be published separately.

Approval of Panel Minutes

The meeting minutes from the Panel on 22 February 2024 were approved subject to minor comments from the Panel being incorporated and these have been uploaded to our [website](#).

New Modifications

The following new Modification Proposals were presented to the Panel:

GC0168 ‘Submission of Electro Magnetic Transient (EMT) Models’

As Great Britain’s (GB) power system moves towards a net zero carbon operation; the number of Inverter-Based Resources (IBR) is expected to increase, with the amount of synchronous generation in the grid to decline which will significantly change the characteristics of the GB network. These changes give rise to the potential control interactions between the devices across the network leading to risks of oscillations and inverter stability. This modification seeks to require certain Users to provide the ESO with EMT models to enable analyses such as system oscillation, inverter stability and Transient Over Voltage (ToV).

The Panel unanimously agreed that GC0168 should follow the Standard Governance route and proceed to a Workgroup. The Panel approved the Terms of Reference for the Workgroup.

GC0168 documentation can be found [here](#)

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

This modification is designed to address i) a number of appropriate non specialist changes identified following Grid Code Modification GC0136: Non-material changes to the Grid Code following implementation of the EU Connection Codes and ii) alignment in the requirements between the Connection Conditions and European Connection Conditions and interactions with the European Compliance Processes.

The Panel by majority agreed that GC0169 should follow the Standard Governance route and proceed to a Workgroup. The Panel did not approve the Terms of Reference for the Workgroup.

GC0169 documentation can be found [here](#)

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

This modification aims to make minor amendments to the Grid Code which were highlighted through the implementation of GC0156: Facilitating the Implementation of the Electricity System Restoration Standard.

The Panel unanimously agreed that GC0170 should follow the Fast Track Self Governance route and be implemented.

GC0170 documentation can be found [here](#)

New / Pending Authority Decisions Decisions since the last Panel

| Modification | Decision | Implementation Date |
|---|--|---------------------|
| GC0154 ‘Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119’ | On 15 March 2024 the Authority approved WAGCM1 . | 02 April 2024 |

Awaiting Decisions

There are no Grid Code Modifications awaiting a decision from the Authority.

Ofgem publish a table that provides the expected decision date, or date they intend to publish an impact assessment or consultation, for code modifications/proposals that are with them for decision. This was last updated on 23 February 2024 and is published [here](#).

Prioritisation Stack

The Panel discussed the prioritisation of the following Modifications:

| Modification | Panel Comments | Position in Prioritisation Stack |
|---|---|----------------------------------|
| GC0166 ‘Introducing new Balancing Programme Parameters for Limited Duration Assets’ | Based on the significant industry interest and the interactions with the BSC the Panel agreed to move the modification to third on the prioritisation stack | 3 |
| GC0168 ‘Submission of Electro Magnetic Transient (EMT) Models’ | Panel placed the new modification as fourth on the prioritisation stack based on its complexity, importance and the required timescales | 4 |
| GC0169 ‘Material changes identified from Grid Code Modification GC0136 and Consistency of requirements between the Connection Conditions and European Connection Conditions’ | Panel placed the new modification as fifth on the prioritisation stack based on its complexity, importance and the required timescales | 5 |

The latest prioritisation stack can be found [here](#).

In flight Modifications

The next [Modification Tracker](#) will be published on 08 April 2024.

Workgroup Reports

The following Workgroup Reports were presented to the Panel:

GC0159 ‘Introducing Competitively Appointed Transmission Owners’

This modification aims to introduce the concept of Competitively Appointed Transmission Owners (CATOs) to the Grid Code to enable Onshore Network Competition for the design, build and ownership of Onshore Transmission assets.

The Panel agreed that the Terms of Reference have been met and agreed for GC0159 to proceed to Code Administrator Consultation. The Code Administrator Consultation is scheduled to be published on 28 March 2024 and to close on 29 April 2024.

GC0159 documentation can be found [here](#)

GC0163 'GB Grid Forming (GBGF) - Removal of Virtual Impedance restriction'

The purpose of this modification is to clarify the Grid Code with regard to the treatment of Virtual Impedance as defined within a Grid Forming Plant.

The Panel agreed that the Terms of Reference have been met and agreed for GC0163 to proceed to Code Administrator Consultation. The Code Administrator Consultation will be published on 02 April 2024 and this will close on 02 May 2024.

GC0163 documentation can be found [here](#)

Draft Final Modification Reports

No Draft Final Modification Reports were presented to the Panel.

Other

The Authority have recently published two consultations on Energy Code Reform:

- An [Ofgem consultation](#) on the implementation of Energy Code Reform (closing date 23 April 2024).
- A joint [DESNZ/Ofgem consultation](#) on Code Manager licence and Code Manger selection regulations (closing date 5 May 2024).

The Authority will be hosting a webinar on **Tuesday 26 March 2024**, from **10.00-12.00** which will summarise the key proposals for both consultations. There will also be an opportunity for attendees to ask any clarification questions on the content of the consultations.

The webinar is open to any organisation or individual interested in the consultations, please contact industrycodes@ofgem.gov.uk to register your interest.

Key Activities ahead of next panel

Grid Code Development Forum: 03 April 2024

Modification Proposal Deadline for April Panel: 10 April 2024

Papers Day: 17 April 2024

Questions or feedback?

Panel Secretary: Milly Lewis *Code Administrator*

Panel Technical Secretary: Lizzie Timmins, *Code Administrator*

Email: grid.code@nationalgrideso.com
