

Headline Report – 24 February 2022

Grid Code Review Panel

The Grid Code Review Panel Headline Report is produced after every Panel and provides an overview of the key decisions made. Minutes for this meeting will be published separately.

Approval of Panel Minutes

Minutes of the Panel meeting held 27 January 2022 were approved.

New Modifications

GC0156 - Implementation of the Electricity System Restoration Standard

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0156-implementation-electricity-system>

The ESO presented this modification to the Grid Code Review Panel.

In October 2021, BEIS issued a direction in accordance with Special Condition 2.2 of National Grid's Electricity System Operator's Transmission Licence, the Electricity System Restoration Standard (ESRS) is set at–

- a. 60% of electricity demand being restored within 24 hours in all regions;
- and
- b. 100% of electricity demand being restored within 5 days nationally.

The purpose of this direction is to require that the ESO

- a) Ensures and maintains an electricity restoration capability; and
- b) Ensures and maintains the restoration timeframe.

Replace the definition of “Black Start” with “Electricity System Restoration”

- We aim to develop the requirements to implement in the Grid and Distribution Codes through a joint working group – Presented to the DCRP on 3rd February 2022

DECISION: The Panel approved that this modification shall follow the standard governance route and agreed that this is to proceed to a workgroup, subject to the Terms of Reference being amended and approved via circulation.

New / Pending Authority Decisions

The Authority’s publication on decisions can be found on their website below:

<https://www.ofgem.gov.uk/publications/code-modificationmodification-proposals-ofgem-decision-expected-publication-dates-timetable>

The Authority issued the following decisions

- **GC0137: Minimum Specification Required for Provision of GB Grid Forming (GBGF) Capability (formerly Virtual Synchronous Machine/VSM Capability) –**
Decision published 31 January 2022 to implement the Original solution into the Grid Code
- **GC0133: Timely informing of the GB NETS System State condition**
- Decision published 17 February 2022. Proposal rejected.

Prioritisation Stack and Inflight modifications

The Panel reviewed the Grid Code prioritisation stack and decided to prioritise GC0156 at number 4 deprioritised GC0117 to position 5 given the complexity of this modification and dependencies on industry developments.

The prioritisation for each modification can be found on the new version of the Modification Tracker. Please refer to latest Modification Tracker for an update on each in flight Modification. This is published monthly at <https://www.nationalgrideso.com/industry-information/codes> and will be next updated and published on 07 March 2022.

Grid Code - Prioritisation Stack

Mod Number	Previous Priority No:	New Priority No	Title
GC0139	1	1	Enhanced Planning Data Exchange to Facilitate Whole System Planning
GC0141	2	2	Compliance Processes and Modelling amendments following 9th August Power Disruption
GC0148	4	3	Implementation of EU Emergency and Restoration Code Phase II
GC0156	NEW	4	Implementation of the Electricity System Restoration Standard
GC0117	3	5	Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of PGM requirements
GC0154	5	6	Incorporation of interconnector ramping requirements into the Grid Code as per SOGL Article 119
GC0155	6	7	Clarification of Fault Ride Through Technical Requirements
GC0146	7	8	Solutions for frequency control of Power Park Modules
GC0140	8	9	Grid Code Sandbox: enabling derogation from certain obligations to support small-scale trials of innovative propositions
GC0103	9	10	The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes

Draft Final Modification Reports

There was one self-governance DFMR presented to Panel for a determination vote.

GC0138: Compliance process technical improvements (EU and GB User)

<https://www.nationalgrideso.com/industry-information/codes/grid-code-old/modifications/gc0138-compliance-process-technical>

This Proposal enables Users to undertake final testing with a high probability of success and quick turnaround of assessment without the additional burden of having everybody attending site where agreed. To achieve this, it is necessary to set out some additions to test procedures which are currently prepared based on on-site witnessing and to provide standards for the format of any test data sent to The ESO for review. Additionally, changes to technology and scale of technology being employed need to be reflected in the way requirements are fulfilled.

DECISION: The Panel recommended unanimously for the Original solution to be implemented (9/9 votes in favour).

Workgroup Reports

There were no Workgroup Reports presented to the Panel.

Questions or feedback?

Code Administrator Representative: Nisar Ahmed, *Code Administrator*

Panel Secretary: Banke John-Okwesa, *Code Administrator*

Email: grid.code@nationalgrideso.com
