

Modifications Progress Update



Grid Code Development Forum – 3 August 2017

GC0036/GC0079

Review of Harmonics Assessment Standards and Processes (GC0036)

This joint workgroup was established in 2010 to update the ENA administered standard on harmonics, G5/4. This standard is referenced in both codes. As the update to the standard does not directly result in code changes it is proposed to withdraw this code modification. The industry workgroup will continue their task unchanged - they state up to 12 months of work remain - and will be asked to report back to both code panels on completion.

This modification was withdrawn by the proposer on the 28 July 2017.

Frequency Changes during Large Disturbances and their effect on the total system - Phase 2 (GC0079)

Phase 2 of the work being carried out by this joint workgroup deals with protection settings for <5MW generators and started in 2013. The driver for the work is from the System Operator, however code changes will only be to the Distribution Code and will only impact D-connected generators. The work needs to continue but as it is not a Grid Code change it is proposed to raise a new modification to the D Code panel and to withdraw GC0079.

GC0048

Joint GCRP/DCRP Workgroup on GB Application of RfG:

- This Modification was being progressed by grouping the following:
 1. Generator Banding
 2. Fault Ride Through
 3. Fast Fault Current Injection
 4. Voltage & Reactive
 5. System Management & Compliance

- This Modification will be replaced entirely by GC0100, 101, and 102 in due course, repacking the work items quoted above. GC0102 was approved in June and will be withdrawn following the approval of the DCRP.

GC0068

Grid Code New and Revised Unit Data & Instructions:

- This Modification has been approved by the Authority. However, implementation is contingent upon getting an agreed date for EBS go-live

GC0090

High Voltage Direct Current (HVDC):

- This Modification has a similar packaging of work to RfG therefore is being wrapped into the re-proposed mods for GC0100-102. It will therefore be withdrawn subject to the DCRP approval of GC0102.

GC0091

Demand Connection Code (DCC):

- This Modification is on hold to allow prioritisation of GC0100-102. Likely to be re-raised in Q3 under Open Governance

GC0094

Relevant Electrical Standards:

- This Modification was withdrawn by the Proposer
- The GCRP Technical Secretary notified Industry of this and SSE will be taking over as Proposer for this Modification
- Awaiting a further update from the Proposer following the outcome of GC0103

GC0095 Transmission System Operation Guideline (TSOG):

- An Entry Into Force (EIF) assessment was carried out to assess whether the obligations for TSOG were met.
- Further work is to be carried out with Ofgem to assess the EIF requirements.
- Update to be given at the August Panel meeting on expected timeline/whether the modification will be replaced with new

GC0096

Storage, Definition and Assignment of Technical Requirements for Storage Technologies:

- This Modification is at Workgroup stage
- New timetable was submitted to the July GCRP meeting. The timetable was approved
- 20 Working day Workgroup Consultation
- Workgroup Report to be submitted to the October Panel meeting

GC0097

TERRE:

- This Modification is at Workgroup stage
- The solution for Grid Code processes is being progressed at Workgroup.
- The next GC0097 meeting took place 19 July and was the first joint working session with BSC Mod P344. The intention of the day was to have an update from the Central TERRE workshop that was held on 12 July to understand if any of the requirements had been firmed up. The joint WG meeting will walk through the E2E process and agree the new timescales which will be provided to the Aug GCRP.

GC0098 and GC0099

- GC0098 was resubmitted to the July Grid Code Panel. The Panel agreed for the modification to proceed to Code Administrator Consultation and to follow the Self-Governance process. The consultation is due to be issued week commencing 7th August.
- GC0099 was raised at the May GCRP. P356 has been raised and the two modifications will now proceed as a joint workgroup with the initial meeting was held on the 25 July 2017. The Code Administrators are working on drafting a new proposed timeline for the modifications.

GC0100, GC0101 and GC0102

- GC0100 was raised at the May GCRP. This Modification was accepted and the Workgroup need to Report back to the **November** GCRP meeting.
- GC0101 was raised at the May GCRP. This Modification was accepted and the Workgroup need to Report back to the **November** GCRP meeting.
- GC0102 was raised at the June GCRP. This Modification was accepted and the Workgroup need to Report back to the **November** GCRP meeting.

GC0103 - Introduction of Harmonised nationalgrid Applicable Electrical Standards

- New Urgent modification titled ‘The introduction of harmonised Applicable Electrical Standards in GB to ensure compliance with the EU Connection Codes’ was presented at a Special Grid Code Panel on 27 July 2017.
- The Panel recommendation was that it was not an Urgent modification, it has now been issued to the Authority for a decision on urgency.
- Further discussions due to take place at the normal Panel Meeting in August on the content of GC0103, especially how the content will interact with GC0102.