

## Modifications Progress Update



Grid Code Development Forum – 6 July 2017

## GC0036/GC0079

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### 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.

### 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

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### 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 GC0102 was approved in June and will be withdrawn following the approval of the DCRP.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

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### 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

## GC0087 (officially withdrawn)

### Requirements for Generators Frequency Provisions:

- now withdrawn with its scope for RfG Frequency changes redirected entirely to GC0101

## GC0090

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### 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 It will therefore be withdrawn subject to the DCRP approval of GC0102.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

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### 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
- Proposal form to be submitted to the July Panel meeting

### 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 July Panel meeting on expected timeline/whether the modification will be replaced with new modifications

## GC0096

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

- This Modification is at Workgroup stage.
- The Workgroup Report is being currently progressed with a slight delay due to trying to ensure the relevant dependencies have been covered off elsewhere (e.g. CUSC and the Targeted Charging Review).
- Further Workgroup meetings (which we anticipate to be Webex meetings) are due to be scheduled following the circulation of the report for comments
- New timetable to be submitted to July GCRP meeting for sign off

# GC0097

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## TERRE:

- This Modification is at Workgroup stage.
- the solution for Grid Code processes is being progressed at Workgroup. This Workgroup will hold its initial joint Workgroup with BSC mod P344 on the 19<sup>th</sup> July 2017.
- New timetable to be submitted as soon as possible following this meeting for sign off from the GCRP.



## GC0098, GC0099, GC0100 and GC0101

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- GC0098 was raised at the May GCRP. The Panel provided some feedback on the legal text, this will be updated and resubmitted to the July GCRP meeting.
- GC0099 was raised at the May GCRP. The Panel approved a Workgroup recommendation for a Workgroup Consultation to be carried out. This modification will have a BSC impact, modification P356 has been raised and the two modifications will now proceed as a joint workgroup with the initial meeting being held w/c 24 July 2017. The Code Administrators are working on drafting a new proposed timeline for the modifications.

## GC0100 and GC0101

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- 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.

## Next Steps

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- New Style Modification Tracker will be updated inline with these changes by the end of this week and published