

Distribution Code Review Panel**Meeting 70 – 7 June 2018****EU Network Codes – likely Distribution Code Modifications over the next few months****Paper by Code Administrator****1 Introduction**

The approval of G98 and G99 in May has prompted a number of modifications that need to be progressed to deal with issues that have arisen in relation to these documents. At the same time other European Codes, notably the SOGL and DCC will need to be formally incorporated into the Distribution Code via modifications.

This activity will create a number of D Code modifications that need to be progressed in a short time. This paper is to explain these issues to the DCRP and to seek their agreement, in the interests of efficiency, to a programme of modifications that can be progressed as far as possible without formal recourse to the Panel before each consultation is initiated. Some of the modifications, particularly those to G98 and G99, will be of importance to manufacturers and others who need to ensure compliance by 27 April 2019 and will be concerned that we are able to progress each issue as quickly as possible.

2 Planned Modifications

The following is a summary of the modifications envisaged and an estimation of when consultation can be expected to occur.

2.1 EREC P28

This modification implements the recently consulted modification to P28. It was submitted to Ofgem on 16 May and would be expected to be approved by 18 June for implementation on 9 July. There is no DCRP action required here – this is included for completeness.

2.2 EREC P2

Again this modification implements the recently consulted modification to P2. It was submitted to Ofgem on [21 May] and is expected to be approved by [18 June] for implementation on 16 July. There is no DCRP action required here – this is included for completeness.

2.3 G98 and G99 Housekeeping modification

This modification deals with the incorrect RfG implementation date issue in G98, G99 and the D Code; with some typographical errors and incorporates the latest DC0079 changes to G83 and G59 into G98 and G99. It is the subject of a separate paper, [DCRP_18_03 G99 cover paper].

2.4 Domestic Storage Fast Track

The fast track storage approach for G83/G59 needs to be implemented in G98 and G99 as soon as possible. DNOs expect to have a draft of the proposed changes ready for a [four] week consultation by [11 June]. Following consultation, and assuming no issues that would cause a delay, it is expected that this could be submitted to Ofgem around [the middle of July] with an implementation date around the end of August.

2.5 Demand Connexion code

The changes to the Distribution Code to ensure compliance with the Demand Connexion Code (DCC) (GC0104 working group) are currently being consulted on with a closing date of 8 June. This is the second consultation on the implications of the DCC and it is not currently expected to be contentious. Implementation of these changes needs to be by 7 September (although it can be before this date as the requirements it introduces only apply from 17 August 2019).

2.6 Limited Frequency Sensitive Mode – Overfrequency (LFSM-O)

There is a joint GCRP/DCRP WG reviewing the exact drafting of the LFSM-O requirements for Type A and Type B power generating modules in both the Grid and Distribution Codes. The WG had a meeting on 6 June. At the time of writing it is expected that it should be possible to consult on the proposed modification immediately after the June 28 GCRP, with a target of producing a modification report to the authority during July.

2.7 Fast Fault Current Injection

There is a joint GCRP/DCRP WG reviewing the exact drafting of the fast fault current injection requirements for all power generating modules in both the Grid and Distribution Codes. The WG had a meeting on 6 June. At the time of writing it is expected that it should be possible to consult on the proposed modification immediately after the June 28 GCRP, with a target of producing a modification report to the authority during July.

2.8 System Operations Guidelines

The GC0106 WG has consulted recently on the changes to the Grid and Distribution Codes in relation to the data exchange requirements of the SOGL. It is currently expected that following further consultation Ofgem will be asked to approve the modifications in August.

2.9 DC0079 Retrospective Application

The DC0079 WG is expecting to run another consultation in the summer, with the likely recommendation of applying revised loss of mains protection settings retrospectively to all generation (save for type tested installations of <50kW). Following consultation, it is likely that a report to the Authority might be required later in the summer or early Autumn.

2.10 Other G99 modifications

A couple of other issues have been noted with G99 where improvements can be made. Some of these have arisen from stakeholder briefing sessions held in April and May. None of these are critically urgent in relation to preparation for the April 2019 implementation date, but it is recommended that a DCRP WG be set up in the summer to address these issues and recommend any necessary change to G99.

3 Summary

There are a number of longstanding pieces of work unfortunately coming to implementation at a similar time. The Panel Secretary needs to ensure that they are all introduced and processed appropriately without conflict and confusion.

The attached plan (appendix 1) shows how these modifications can progress in an orderly manner, and still allow for changes to modification submission and approval dates – although the plan will need to be recut each time a date changes.

The Panel Secretary recognizes that this implies a substantial number of rapid updates that Code users will need to alert to, and that this needs to be done in such a way as to minimize confusion.

4 Recommendation

The Panel is asked to note the proposed programme and to give its assent to the Distribution Code Panel Secretary progressing each of the above modifications in accordance with the plan, or rearranging the plan along the same general lines as necessary to maintain progress. The DCRP secretary will keep the Panel informed by email of each submission or other key milestone or change to the plan.

Appendix 1

Plan date	21/05/2018	D Code versions																							
Modification	Status	for submission	21/05	28/05	04/06	11/06	18/06	25/06	02/07	09/07	16/07	23/07	30/07	06/08	13/08	20/08	27/08	03/09	10/09	17/09	24/09	01/10	08/10		
Baseline																									
GC0102	approved		31	31	31	31	31	31																	
DC0079 TT(G59 & G83 - D Code mod phase 2)	approved								32																
P28	Submitted 16/5	32								33															
P2	submit w/c 21/5	32, 33									34														
Housekeeping and DC0079 TT(G99 & G98 - D Code	Submit 8/6	32,33,34										35													
GC0104	WIP	TBC													36	36									
Storage Fast Track	WIP	TBC																	37						
GC0110 LFSM-O	WIP	TBC																		38					
GC0111 FFCI	WIP	TBC																			39				
DC0079 R (D Code mode phase 4)	WIP																					40			
GC0106	WIP																						41		
Other G99 modifications	not started																								
Published D Code	N																								
Ofgem approval period																									
Period before implementation																									