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Grid Code Progress Tracker

Code Modification	Summary	Proposer	Owner	External Engagement		Internal Engagement		Stages									Comments	
				GCDF	Workshop	EISG	TRaCC	Mod raised at GCRP	Workgroup	Draft Rep to GCRP	Industry Consultation	Report to Authority	Ofgem Decision	Implementation date	Implementation Plan	Duration of Open Mods (Months)		
GC0023 Protection Fault Clearance Times and Back-up Protection	This modification addresses two protection issues which were first brought to the attention of the GCRP in 2008. The first issue refers to clarification of the wording associated with fault clearance times in CC.6.2.2.2(a) and CC.6.2.3.1.1(a). The second relates to provision of Generator Back-Up Protection defined within CC.6.2.2.2(b) and co-ordination with NG backup protection.	NG	Franklin R					19/03/2015			28/08/2015						NA	Consultation document circulated to Panel for comments following which it will be published to the industry
GC0088 Voltage Unbalance	The Grid Code sets limits for negative phase sequence (NPS) on the transmission networks of 2% in Scotland and 1% in England and Wales. NPS levels in E&W are now such that this is very close to driving major investment decisions. This issue is to examine the costs, risks and benefits of changing the Grid Code voltage unbalance limits to single GB values of 1.5% for 400kV and 275kV and 2% for 132kV.	NG	Graham S					19/11/2014			01/07/2015	16/11/2015					NA	Consultation published on the 30 July which closes on the 3rd September
GC0028 Constant Terminal Voltage	A number of generators seeking connection to and use of the NETS have expressed concern over National Grid's interpretation of "constant terminal voltage control" as referred to within CC.6.3.8 together with the requirements of CC.6.3.4.	NG	Franklin R					19/11/2009	29/01/2014	20/05/2015	03/07/2015	30/09/2015					19	Industry consultation closed on the 10 August. National Grid currently preparing the report to Authority
GC0048 ENC - RfG	The Requirements for Generators (RfG) European Network Code, once complete will become EU law and take precedence over GB law and associated Industry Codes. The establishment of a joint GCRP/DCRP workgroup is required to progress national application/implementation of RfG including necessary code changes. There are complex structural issues to consider in incorporating RfG into the GB codes.	NG	Rob W					18/09/2013	28/01/2014		01/01/2016	01/04/2016					19	At the May GC0048 meeting (19/05/15), the implementation strategy for Distribution Code changes and banding thresholds were discussed. Further on the banding point, additional TSO scenario data on future generation profiles and response provision volumes was requested. This will be circulated hopefully before the next meeting so that assumptions can be agreed, and then used for cost-benefit analysis.
GC0062 Fault Ride Through	The Grid Code sets out the requirements applicable to Generators and DC Convertors to remain connected to the Transmission System for long duration voltage dips (ie longer than 140ms) and resume the export of Active Power as system voltage recovers. The issue is currently being investigated at a series of workshops	NG	Graham S					16/01/2012	03/12/2013	18/11/2015	15/01/2016	15/02/2016					20	The next meeting is scheduled for the end of July. NG are currently working on the draft Workgroup report which will be discussed at the next meeting.
GC0075 Hybrid Static Compensators	Power Park Module developers have been installing Hybrid STATCOM / SVC's, which provide a portion (typically 50% to 75%) of their reactive capability from switched reactors and capacitors. Some of these devices have restrictions preventing repeated switching in a short period which can be seen as inconsistent with the concept of "continuously-acting" control which is required by the Grid Code. Interested parties believe clarification is required of the Grid Code requirements on these devices and that it would be beneficial to form a Workgroup to develop proposals for clearer and more appropriate requirements on Hybrid STATCOM / SVC performance.	NG	Graham S					20/11/2013	15/05/2014	15/07/2015	01/12/2015	01/02/2016					15	NGET circulated the revised Workgroup report on 14 August to the member to provide comments by the end of August. NGET will then prepare the consultation and seek approval at the November Panel meeting.
GC0079 Frequency Changes during large disturbances and their effect on the total system	As a result of the work carried out by the Frequency Response Technical Subgroup, report published in December 2011, the maximum rate of change of frequency (RoCoF) settings need consideration in the context of the loss of mains protection deployed on embedded generation. Phase 1 (GC0035) looked at generators of over 5MW in size; phase 2 is looking at sub 5MW generators.	NG	Scott B						22/06/2014	18/11/2015	10/12/2015	15/01/2015					14	The Workgroup has begun phase 2 work and research is underway with completion expected in Summer / Autumn 2015.
GC0077 Suppression of Sub-Synchronous Resonance from Series Capacitive Compensation	It is proposed that the Grid Code is changed to provide clarity that Transmission Licensees installing Series Capacitive Compensation devices or HVDC Convertors will ensure that Sub-synchronous Resonance and Sub-synchronous Torsional Interaction risks are appropriately mitigated.	NG	Graham S					18/09/2013									NA	Industry Consultation published on 17 July 2014 and closes on 15 August 2014. Work now to proceed under parallel SQSS Workgroup. Following completion of this Workgroup an update will be provided to the GCRP.
GC0086 Open Governance	At the July 2014 GCRP meeting, the panel agreed to establish a workgroup to consider the application of open governance principles to the Grid Code, similarly to those employed by the CUSC. This would include proposer ownership, an independent chair, workgroup timescales, self-governance/fast-track/urgency, GCRP panel membership and voting, election process and set-up of an advisory forum	Customer / NG	Alex T					18/07/2014	10/09/2014		16/07/2015	01/10/2015					11	Two alternative versions of legal text discussed at final workgroup meeting on 17 July. Consultation being revised to reflect these discussions and to issue shortly.
GC0087 Frequency Response - outstanding issues	A number of additional issues relating to Grid Code requirements were highlighted in the Frequency Response workgroup which remain outstanding. These included the suppression of the inertial effect of synchronous generators, the provisions of frequency response by generators at low loads and the provisions of frequency response from on-site sources other than generators.	NG	Graham S		03/03/2015			20/05/2015	02/07/2015								1	NGET currently working on revising the scope of the Workgroup to include RfG Frequency Response scope before seeking approval from the Panel at the September meeting.
GC0036 Review of Harmonics Assessment Standards and Processes	The Review of Harmonics Assessment Standards and Processes Workgroup was established to examine and make recommendations to review the standards and processes employed by electricity transmission and distribution network owners to assess harmonics and, in particular, produce a report describing any changes that are considered necessary to Engineering Recommendation G5/4-1 (Planning Levels for harmonic Voltage Distortion and the Connection of Non-Linear Equipment to Transmission Systems and Distribution Networks in the UK).	NG	Mark P					17/09/2009	01/11/2015									The group have asked for more time to complete work that allows them to discharge their terms of reference more effectively and to address recent comments. They are now working to a September target for both DCRP and GCRP. Grid Code Workgroup will be re-convened in November 2015.
GC0090 HVDC ENC	High Voltage Direct Current (HVDC) is the next of the three European Network Codes for grid connections after RfG expected to conclude drafting ('Comitology') and EU member state voting. Its focus is setting consistent functional requirements for HVDC connections, including offshore HVDC networks, which connect Offshore generation schemes.	NG	Richard W					15/07/2015	18/09/2015									The first meeting of the Workgroup to be held on the 18 September

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GC0064 Revision of Engineering Recommendation P28	Electricity North West has proposed that a review of ER P28 'Planning Limits for Voltage Fluctuations Caused by Industrial, Commercial and Domestic Equipment in the United Kingdom' should be performed. ERP28 deals with the assessment of voltage fluctuations and associated light flicker produced by potentially disturbing equipment. ER P28 is referenced in both the Grid and Distribution Codes.	NG	Graham S					20/11/2012									NA	DCRP confirmed that the revision and drafting of P28 (Phase 3) will commence in August 2015 and is scheduled to complete in 12 months from that date.

Stage Complete On Track At Risk No mitigation plan Not required