Grid Code Development Issues

GCRP 07/41

November 2007

Table 1 - Consultation Papers - Current Status Report – 1st November 2007

Paper Ref.	Grid Code Change Reference	Current Status	Notes
F/06	Control and System Telephony	Approved	Authority decision received on 26 th October 2007, implementation date 1 st February 2007.
G/06	Power Park Modules and Synchronous Generating Units	Consultation Closed	Consultation closed on 18 th January 2007, 16 replies received.
B/07	Improved Planning Code Data Exchange for Compliance Assessments	Pending Authority Decision	Submitted to the Authority on 28 th September 2007
C/07	Timescales for the National Grid notification of Operational Metering	Approved	Authority decision received on 26 th October 2007, implementation date 19 th November 2007.
D/07	Frequency Response Requirements	Consultation Closed	Consultation closed on 31 st August 2007, 9 replies received.
E/07	Data Exchange Provisions	Implemented	Authority decision received on 23 rd October 2007, implementation date 30 th October 2007.

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Table 2 - Grid Code Review Panel – Outstanding Issues – 1st November 2007

Issue	Summary of current position	Date last Reviewed	Date Next review
Time Tagging of Dynamic Parameters, NTO/NTB, QPN'S	Presentation to 5/09/02 GCRP meeting highlighted need for industry business cases to be developed in order to justify further progress on associated system changes. Last mentioned in GCRP minutes 21/11/02. Panel Members agreed that that business cases would need to be developed to justify the extensive changes to IS systems to accommodate Time Tagging. As of date nobody has come forward with a business case.	20/09/07	September 2008
Capacity terms used in the Grid Code	Generation Capacity and Registered Capacity are defined differently in the BSC and Grid Code respectively and the need has been identified to review the various capacity terms used in the Grid Code with a view to rationalisation.	17/05/07	On-going
High/Low frequency trip settings on small embedded plant.	Perceived lack of clarity of requirements identified for plant between 5 and 50MW due to apparent gap in existing documents (G59 and G75). Cause for concern for future but recognise that issue needs to be resolved asap due to leadtimes for design and manufacture of plant. DCRP Working Group established, GCRP to be kept informed of relevant developments decisions.	23/09/04	On-going
Regional Differences in the Grid Code including Small/Medium/Large Power Stations	GCRP obligation to consider regional differences included in the Grid Code. Working Group set up, focussing initially on definitions of Small/Medium/Large Power Stations. Implementation of B/06 on 1 st September 2006. Review of outstanding issues to be completed. Panel agreed at September's 2007 GCRP to add the remaining regional differences items to the outstanding issues list.	September 2007	September 2008
Power Park Module Extensions	The Grid Code PPM Working Group agreed that the issue regarding the applicability of technical requirements to PPM extensions would benefit from further analysis due to the complexity of issues surrounding the matter.	07/09/06	On-going

Issue	Summary of current position	Date last Reviewed	Date Next review
System Security	Ensure that the GCRP and the industry are kept informed of any developments.	24/11/05	On-going
Codification of Generic Requirements currently included in Bilateral Agreements	Review of current requirements in Appendix F5 which may be codified in the Grid Code.	15/02/07	On-going
Grid Code Implications of New Technologies	Review pending on new generation Grid Code obligations	15/02/07	Ongoing
Delegation of Authority for Busbar Switching Contracts	ENA task group established to review existing processes. At the first meeting the new format including DOA where applicable was circulated to each DNO for comments and to provide feedback at 2 nd meeting on 22 nd May. At the meeting there were no adverse comments. Discussions taking place with relevant DNOs regarding the trailing of this format at Melksham.	15/02/07	On-going
Control Telephony Electrical Standard	Establishment of a Control Telephony Electrical Standard for Scotland	17/05/07	May 2008
CC.6.2.2.2.2 (a) – Fault Clearance Times	Review required of CC.6.2.2.2.2(a) provisions such that the intention of the obligations is made more explicit	17/05/07	May 2008
System Telephony Electrical Standard	Establishment of a System Telephony Electrical Standard	20/09/07	September 2008

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Table 3 - Grid Code Review Panel – Regional Differences Issues – 01/11/07

Issue	Summary of current position	Date last Reviewed	Date Next review
Technical requirement covering CC.6, CC.A.3, Planning Code requirements, OC5, BC2.A.2.6 and including any relevant definitions which may be grouped into the following areas:. O Voltage Fluctuation O Fault Clearance Time O Protection Equipment		20/09/07	September 2008
Operational process and interfaces, mainly the Operating Codes, including relevant definitions which may be grouped into the following areas: OC1 & OC2 – Demand Blocks, Load Transfer capability OC7 – Operational Switching OC9 – Black Start		20/09/07	September 2008
The feasibility of merging the two sections of OC8 (Safety Coordination).	A review is currently on-going regarding the feasibility of merging the two section of OC8 (Safety Coordination). All Transmission Owners are participating in the review; findings and/or proposals from the review will be presented to the GCRP in due course.	20/09/07	On-going