Grid Code Development Issues

GCRP 07/05
February 2007

Table 1 - Consultation Papers - Current Status Report – 1<sup>st</sup> February 2007

Paper Ref.	Grid Code Change Reference	Current Status	Notes
C/06	Control Telephony Electrical Standard	Consultation Closed	Consultation closed on 19 <sup>th</sup> September 2006, 8 replies received.
E/06	Low Frequency Demand Disconnection Relay Settings	Pending Authority Decision	Submitted to the Authority on 25 <sup>th</sup> January 2007.
F/06	Control and System Telephony	Consultation Closed	Consultation closed on 17 <sup>th</sup> January 2007, 7 replies received.
G/06	Power Park Modules and Synchronous Generating Units	Consultation Closed	Consultation closed on 18 <sup>th</sup> January 2007, 16 replies received.

Table 2 - Grid Code Review Panel – Outstanding Issues – 01/02/07

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.	21/1/02	September 2007
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	02/04	February 2007
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
Protocols for review of Target Frequency	Clarification required on how changes to Target Frequency are communicated.	23/09/04	May 2007
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 <sup>st</sup> September 2006.  Review of outstanding issues to be completed.  Panel agreed at September's GCRP to add the remaining regional differences items to the outstanding issues list.	1/11/05	September 2007

Issue	Summary of current position	Date last Reviewed	Date Next review
Multi BM Unit Issues	Treatment of Multi shaft BMU's for winter 2004/05 raised in paper GCRP 04/22. Issue to be progressed as soon as possible in 2005 to consider an enduring solution. Enduring solution delayed till 2006.  Current process to remain in place for winter 2006/07. National Grid will send out a letter to all owners of CCGT BMUs confirming the continuation of the current arrangements.	19/05/05	Ongoing
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	Ongoing
System Security	Ensure that the GCRP and the industry are kept informed of any developments.	24/11/05	Ongoing
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	Ongoing

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Table 3 - Grid Code Review Panel – Regional Differences Issues – 01/02/07

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		21/09/06	September 2007
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	the matter in a year's time.	21/09/06	September 2007
The feasibility of merging the two sections of OC8 (Safety Coordination).	September 2006's GCRP, Panel agreed to review the matter in a year's time.	21/09/06	September 2007