

The National Grid Company plc

**Minutes of the
Grid Code Review Panel
Brandon Hall, nr Coventry
24th February 2005**

Member		Alternate		Representing	Observer/Adviser	
Ben Graff	BG			Chair		
David Payne	DP			Secretary		
Patrick Hynes	PH			National Grid	Lillian MacLeod	LM
Rachel Morfill	RM					
John Greasley	JG					
		Mark Horley	MH			
Mike Kay	MK			DNO		
George Spowart	GS	Neil Sandison	NS			
Claire Maxim	CM			Generators with Large Power Stations with total Reg. Cap.> 3GW		
John Morris	JM	Charlie Zhang	CZ			
Richard Hyde	RH	Campbell McDonald	CMc			
David Ward	DW			Generators with Large Power Stations with total Reg. Cap.< 3GW		
Malcolm Taylor	MT			Gens without Large Power Stations		
David Nicol	DN			Relevant Transmission Owner		
Guy Nicholson	GN			Novel Units		
Kathryn Coffin	KC			BSC Panel		

1 INTRODUCTIONS

2 APPOINTMENT OF MEMBERS

129 DP explained that under the Grid Code Constitution and Rules Panel members were required to retire at the start of the February meeting and then be re-appointed as appropriate. A letter had been sent to existing GCRP members in January 2005 asking for nominations by the end of January 2005. Most existing members had confirmed their continuing membership with the following exceptions:

- Claire Maxim replaced John Norbury (Generators with Large Power Stations with total Registered Capacity >3GW)
- George Spowart replaced Neil Sandison(DNO's)
- Roger Salomone had resigned and a BSC Panel representative was to be announced later.

3 APOLOGIES FOR ABSENCE

130 Apologies were received from:

- Ian Gray (DNO)
- Jean Pompee (EISO)
- Roger Salomone (BSC Panel)
- Chandra Trikha (RTO)
- John Norbury (GENS – alternate)
- Nasser Tleis (NGC)
- Steve Argent (Ofgem)
- Stuart Graudus (NEC)

4 APPROVAL OF MINUTES OF PREVIOUS E&W MEETING (041125drpm)

131 DW requested that ETSO be referred to by its full name (European Transmission System Operators) for clarity.

132 The minutes were otherwise agreed as a true record of the previous meeting.

5 MATTERS ARISING FROM PREVIOUS E&W MEETING (not covered below)

5.1 Summary of actions (GCRP 05/01)

133 All Actions were complete or covered by other Agenda Items.

5.2 Other Matters arising.

RoCoF Reporting

134 NS indicated concern with respect to the apparent detail required and the administrative load given that there had been no reports of any loss of generation due to RoCoF incidents on the SSE network during the period since the introduction of the procedure. NS added that most of their GSP's were at 11 or 33kV and did not have any real time metering so it was not possible to identify a change due to frequency at this level.

135 NS suggested some changes to the procedure to enable reporting by GSP group if this was appropriate and also only reporting on information which they were aware of so they did not have to trawl through data if informed of an incident by NGC. RM was comfortable with these proposed changes.

136 GN pointed out that there were other types of incidents such as windfarm trips due to voltage dips etc. GN asked that as NGC had access to data it had acquired directly was this data investigated. RM replied that only the data provided for the purpose of the RoCoF reporting was used.

137 MT felt that as the information provided could be limited by its availability there was a danger that an accurate analysis of the position was not possible. There also appeared to be a diminished interest in the RoCoF report and going forward it may

be appropriate to raise its profile. DN agreed that good data was required going forward. RM agreed to discuss the issues with GN, DN and NS report back to the May GCRP.

- 138 **Action:** RM to convene discussion with DN, GN and NS on RoCoF data and report back to the May GCRP.

Damhead Creek

- 139 JG pointed out that a summary of the Damhead question and answer session from the October 2004 Operational Forum could be viewed on the Industry Information website under the Balancing Services pages:
http://www.nationalgridinfo.co.uk/balancing/mn_procurement_guidelines.html#06104

6 GRID CODE DEVELOPMENT ISSUES (GCRP 05/02)

6.1 Report On Progress Of Consultation Papers (GCRP 05/02Table 1)

- 140 Table 1 of paper GCRP 04/28 detailed the current position with consultations. The following additional points were noted.
- 141 E/03 – CC.6.3.3 change proposals - The Authority decision would not now be made until after BETTA implementation.
- 142 C/04 – OC8 and Management of Safety Keys – The Report to the Authority had been sent on 22 February 2005
- 143 A/05 – Grid Code changes as a result of CAP076 – Treatment of System to Generator Intertripping Schemes. JG stated that reports associated with Consultations on changes to the BSC and CUSC were to be sent on 2 March. The associated Grid Code Consultation Report was expected to be sent week beginning 6 March.
- 144 T02/04 - Transitional Consultation on BETTA Go Live cut over requirements – the Report to the Authority would be sent by 25th February.
- 145 253/04 - Ofgem/DTI consultation on the treatment of Embedded Exemptable Large Power Stations – A direction to change the Grid Code was expected shortly.

6.2 Other Issues (GCRP 05/02Table 2)

- 146 No further comments or issues were raised.

7. GOVERNANCE OF ELECTRICAL STANDARDS PROPOSAL (GCRP 05/03)

- 147 National Grid proposed to introduce a single combined technical standard in one document to replace the existing 18 NGTS's referenced in the Grid Code. The single document would not cross refer to other documents. National Grid was also reviewing the existing applicable standards so some of the existing requirements may be removed and others included. It was also proposed to prepare a 'map' for information to the Panel indicating where the provisions in the new document had originated. This would highlight where any new obligations had been introduced.

- 148 This work would require substantial resources. Developed proposals would be brought back to the GCRP for discussion. Although it was thought challenging to meet the deadline, progress was expected by the September GCRP meeting.
- 149 DW suggested that F5 Technical Appendices of the Bilateral Agreement should be included in the proposed new standard. It was agreed that this would need to be considered and included if appropriate. It was also pointed out that once the document was completed and under the governance of the GCRP steps would be needed to ensure that it remained inline with other documents. NGC would need to consider an internal process for this. It was agreed that this would be a 'dynamic' document that would need to include new obligations as they arose.
- 150 CZ asked if it was intended to include operational aspects as well as design aspects in the new document. PH stated that this was not the intention as operational aspects were included in the Balancing Codes for example.
- 151 Panel members generally welcomed the approach proposed. It was agreed that preliminary drafts would be circulated to panel members as soon as appropriate. For information the existing NGTS's under the Governance of Electrical Standards could be accessed via the Industry Information website:
http://www.nationalgridinfo.co.uk/grid_code/mn_ges_docs.html)

8 LEEMPS WORKING GROUP REPORT

- 152 PH explained that the outstanding issues had now been resolved. However it had not been possible to complete the final Report for the February GCRP meeting. PH explained that as the Grid Code baseline was changing rapidly at the moment as a result of BETTA changes, it was difficult to finalise legal text drafting. It was not expected to be able to complete this until after the Authority had determined on the Generic Provisions proposals, which was expected by end of March. The final LEEMPS report should be available for the May GCRP meeting.
- 153 MK noted that the working group had been a joint Grid Code/Distribution Code group. There would be corresponding Distribution Code drafting required that could not be completed until the Grid Code drafting had been finalised.

9. OC1/OC2 WORKING GROUP REPORT

- 154 JG explained the background to the working group. The group included good industry representation and had now met on three occasions. NGC had prepared and presented framework documents considering revised plain English data requirements for both NGC and the Industry, removal/transfer of some provisions (e.g. NRAPM) to other Grid Code sections and clearly outlined timelines for data exchange.
- 155 There had been detailed discussion of the proposals at the meetings and some comments received. NGC had now categorised changes into short term and long term changes. The long term changes encroached on market signals type of work although the ToR for the group had specifically excluded this area. However at the last meeting on 8 February, no other specific alternative proposals had been presented and there had been no agreement on NGC proposals.

- 156 JG stated that it had originally been expected to present final proposals at the May GCRP. However there was now a question as to whether there was industry appetite for change and what to take forward. There was a need to consider the market signals aspects and this may need to be raised under the BSC. NGC believed there was merit in taking the proposals forward and would like to progress with detailed proposals internally for discussion by the working group at the end of April.
- 157 CM agreed that there would be substantial benefit from a rewrite of OC1/OC2. There was a need to make clear what information Users were required to provide and a debate was needed on these requirements and how they were currently understood by Users. It was hoped that NGC would continue with the review process.
- 158 DW stated the next step would be for NGC to draft detailed text. JG agreed but stated NGC would not be in a position to do so until April. JG proposed that detailed text describing the changes that NGC wished to take forward at this time would be presented to a working group meeting in late April followed by a report to the May GCRP. Panel members were comfortable with this approach.
- 159 **Action:** *NGC to prepare detailed OC1/OC2 text drafting for discussion with the working group in April and the GCRP in May.*
- 160 JG pointed out that there was a concern that some generators would like NGC to significantly reduce the amount of information required. As things stand, NGC would not be in a position to do this. MT pointed out that this could lead to debate on the worth of certain requirements in OC2.

10. TOGA

- 161 RM explained that parallel testing had started week beginning 21 February and it was expected to conclude this the following week. Processes for collecting data from Scotland were under consideration.
- 162 DW stated that some generators were currently submitting data both via traditional methods (for example DecNet) and via TOGA. At some point NGC would need to notify generators when TOGA was fully available, and generators would need to formally notify NGC which method they would be using to submit data going forward, which could be fax. PH explained that TOGA was not an active system at the moment and would not expect Users to switch off other systems until informed by NGC.
- 163 RM agreed to include a programme going forward with these minutes.
- 164 **Action:** *Provide TOGA programme to include with the minutes.*

11. EMERGENCY INSTRUCTIONS

- 165 JG explained that following the discussion of the Damhead Creek Emergency Instruction situation at the last meeting, a question had arisen of whether there was need for a new type of instruction that would not be treated as a Bid-Offer Acceptance. NGC had considered this question. Under the terms of the CUSC NGC had the right to disconnect in an Emergency situation. This can only be

enacted under the Grid Code by acceptance of a Bid-Offer under an Emergency Instruction. It was felt that there may be scope for modifications related to how these were instructed which may include payment at something other than the submitted bid or offer price. JG pointed out that there was currently debate at the BSC related to Emergency Instructions (and pay-as-bid) and the outcome of this debate would need to be determined before any review of the Grid Code could go ahead.

12. BSC/CUSC MODIFICATION PROPOSALS (GCRP 05/04)

BSC

166 Nothing additional to report at the meeting

CUSC

167 CAP076 – Treatment of System to Generator Intertipping Schemes.

168 The CAP076 consultation closed on 16th February. 11 responses had been received. The majority of respondents had indicated that they supported Alternative D which included an arming fee and post event process covering plant damage costs.

169 With respect to the Consequential changes to the Grid Code as proposed in Consultation A/05, 6 responses had been received to date. All of these had indicated that there was a preference for technical definitions to be included in the Grid Code. NGC was comfortable with this approach. It was expected to complete the Report to the Authority during week commencing 6 March 2005.

13. REPORT FROM SCOTTISH GCRP

170 DN reported that there had been no Scottish Grid Code meetings. However DN explained that Ofgem had carried out a consultation on the Grid Code proposals associated with wind farms in Scotland. It was expected that there would be some variation of requirements for Scotland in the GB Grid Code.

14. TRANSITION

171 PH described the current situation.

172 The latest revision to the Grid Code represented a significant change to OC7 and OC9 explaining the role of the Relevant Transmission Licensee.

173 A Transition Consultation was currently underway concerned with Cut Over arrangements. The report to the Authority was expected to be sent shortly.

174 With respect to Embedded Exemptable Large Power Stations, substantial Grid Code changes were proposed as a result of Ofgems Conclusions.

175 A further Transition Consultation was expected which was related to Safety. A number of Scottish site agreements had been identified which referenced site safety instructions. These were currently not included under OC8B. It was likely

that a modification would be required to include a requirement to have a similar agreement to Local Safety Instruction in Scotland.

- 176 DN explained that the Scottish Grid Code did not include Local Safety Instruction. New proposals would include similar requirements to OC8A.

15. ANY OTHER BUSINESS

AOB 1

- 177 DP explained that the current Grid Code Servicing arrangements would cease from December 31st 2005. Paper copies of Grid Code updates would not be sent out after that date. However the updates would appear on the Industry Information website and a notification could be provided to those providing an e-mail address for such notification. The notification would provide a direct link to the update on the website.

AOB2

- 178 MT stated that a paper written by Chandra Trikha had been discussed at the last Distribution Code Panel meeting. The paper set out to explain the definition of an embedded generator in Scotland (SSE and SP's areas) under BETTA. MT felt that the issue raised needed to be discussed further but should this be under the Grid Code or the CUSC? MT felt strongly that this discussion was required in order for those planning connections to be clear on the processes involved.

- 179 BG agreed to arrange for the issue to be raised at the CUSC Panel.

- 180 **Action:** *BG to arrange for issues raised by Chandra Trikha's paper to be discussed at the CUSC Panel.*

16. DATE, TIME & VENUE OF NEXT MEETING

- 181 Thursday **19 May 2005**, starting at **10:30 am**, and is expected to be held at NGT House, Warwick..