

Minutes

Meeting name	Grid Code Review Panel
Meeting number	52
Date of meeting	17 th November 2011
Time	10:00 - 16:00
Location	National Grid House, Warwick, CV34 6DA

Attendees

Name	Role	Initials	Company
Ian Pashley	Chair	IP	National Grid
Thomas Derry	Secretary	TD	National Grid
Tom Ireland	Member	TI	National Grid
Graham Stein	Member	GS	National Grid
Steve Curtis	Member	SC	National Grid
Tariq Hakeem	Presenter	TH	National Grid
Shaf Ali	Presenter	SA	National Grid
Louise McGoldrick	Presenter	LMG	National Grid
John Morris	Member	JM	EDF Energy
Jim Barrett	Alternate	JB	Centrica
John Norbury	Member	JN	RWE
Guy Phillips	Alternate	GP	E.ON UK
Alastair Frew	Member	AF	ScottishPower
Campbell McDonald	Alternate	CM	SSE Generation
Alan Creighton	Member	AC	Northern Powergrid
David Carson	Member	DC	SP Power Systems
Alan Barlow	Member	AB	Magnox
Barbara Vest	Member	BV	AEP
John Lucas	Member	JL	Elexon
Guy Nicholson	Member	GN	Senergy Econnect
Richard Lowe	Alternate	RL	SHETL
Tom Davies	Member	TDa	Magnox
Sigrid Bolik (dial-in)	Alternate	SBo	REpower
Alan Kelly	Member	AK	SPT

Apologies

Name	Role	Initials	Company
Kathryn Coffin	Alternate	KC	Elexon
Xavier Pinchaux	Member	XP	RTE
Mike Kay	Member	MK	ENW
Brian Punton	Member	BP	SHETL
Neil Sandison	Alternate	NS	SSE
Robin McCormick	Alternate	RM	SONI
Alan Michie	Alternate	AM	SPT
Steve Brown	Member	SB	Ofgem
Shijun Yi	Alternate	SY	Ofgem

1 Introductions & Apologies

2039. The Chair welcomed the group and the apologies were noted.

2040. CM asked the Panel Secretary to note his disappointment that Ofgem did not attend the GCRP

2 New Grid Code Development Issues

OC8 – Safety management of three position GIS earth switches

2041. TI presented the paper to the GCRP.

2042. Concern was noted that the wording is not clear that disconnection is still required. Need to ensure that any coding change will enable Users to procure equipment available on the market and that definitions align with operational safety requirements.

2043. It was noted that “some items” in the legal text is quite vague and should be more specific i.e. “GIS three position earth switches”. BV also offered the services of the AEP safety team to review the changes.

2044. The GCRP agreed for the issue to progress to Industry Consultation following; i) a review of the legal text by the relevant industry panel of safety/ operational experts; ii) the inclusion of additional context around disconnection and iii) the circulation of the resultant draft Consultation around the GCRP.

2045. **ACTION: TI** Review legal text against safety rules and add further context into Industry Consultation. Circulate Industry Consultation to GCRP for comment ahead of publication.

Revision of Data Validation, Consistency and Defaulting Rules (DVCDR)

2046. Tariq Hakeem (TH) gave a presentation¹ to the GCRP.

2047. The group noted that the purpose of this paper is to establish consistency with an Associated Grid Code document, in not accepting Bids from Users that do not have EDL installed. There is also a minor change to a Grid Code definition.

2048. JL queried why the DVCDR consultation was considered ‘informal’. TI confirmed that the DVCDR is a Grid Code Associated document and not under the formal governance that requires a final submission to the Authority for a decision and therefore a formal consultation would not be the appropriate change mechanism.

2049. The GCRP noted that as there are two consultations; one for the required changes to the Grid Code (formal) and one to change the DVCDR (informal) that a link needs to be made between the consultations.

2050. JN suggested the following changes to section 6 of the proposed DVCDR drafting to make it more clear:

- Add in reference to ‘Trading Point’
- Clarify or remove the phrase: ‘... and setup within the BM’

2051. **ACTION: TH** Clarify the DVCDR text and ensure that clear links are made between the two consultation documents and then publish the two consultations.

2052. The GCRP noted a letter published by National Grid which stated that NGET would no longer accept Bids via telephone from 1st January 2012 and that EDL must be installed for this information to be submitted to NGET.

2053. BV noted that she is not aware of the number of participants requiring EDL, the total costs or whether there are any system changes that are required. The DVCDR paper does not give an overview of these elements. BV also noted that the 1st January 2012 date seems quite

¹ <http://www.nationalgrid.com/NR/ronlyres/495174B3-B664-4DE0-A1DA-8286CBE6A944/50511/DataValidationConsistencyandDefaultingRulesTariq.pdf>

aggressive without knowing the answers to the above issues and questioned if it is achievable.

2054. IP explained that the dates published were challenging but thought to be achievable; we are monitoring the achievement of that date. The number of sites that require EDL is under 10 and those sites are currently going through the installation process.
2055. CM questioned if the installation of EDL requires a system outage as he was under the impression that it did. TH indicated that an outage should not be required.
2056. It was also questioned what the contingency was if those sites do not have EDL installed by 1st January 2012. It was also noted that the Grid Code (formal) consultation to amend the DVCDR references within the Grid Code would not be able to have a decision made by the Authority before 1st January 2012.
2057. **ACTION: NGET** Confirm progress of achieving 1st January 2012 and the contingency measures if date is not met
2058. [Post Meeting Note] A letter² (dated 23rd November 2011) was published providing an update on National Grid's approach to EDL and Control Instructions.

Housekeeping Consultation

2059. It was noted that this consultation should include the B/11 implementation error and address the comments received from AC on the proposed consultation.
2060. GCRP approved for this to progress to Industry Consultation.
2061. **ACTION: TD** Update paper to include changes and publish for a period 15 business days

Generator Build

2062. TD presented the paper to the GCRP.
2063. JN noted that a definition of OTSDUW should also be included in the drafting to give meaning to the acronym within the Grid Code. GCRP approved this to progress to Industry Consultation.
2064. **ACTION: TD** Update paper to include changes and publish for a period 20 business days

Statutory Instrument

2065. TI gave a presentation³ to the GCRP.
2066. A new Grid Code objective has been added to Transmission Licence for Europe Regulations. In addition, the Authority will be able to direct timescales for modifications.
2067. The GCRP noted the changes made to the Transmission Licence.
2068. [Post meeting note] For clarification ahead of the next paragraph, the 'Comitology Guidelines on Fundamental Electricity Data Transparency' indicate that there will be a variety of data items that will be required to be published on a new European reporting platform procured by ENTSO-E.
2069. It was questioned whether NGET could collate and submit the data, which could be required under Fundamental Electricity Data Transparency, on the behalf of Users as this is indicated to be similar to data already submitted to NGET. It was noted that there will be a presentation on this topic at the JESG on 23rd November 2011.
2070. **ACTION: TD** Circulate Transparency Guidelines slides from JESG to GCRP

Emergency Deenergisation Instructions

2071. SC presented the paper to the GCRP.

² <http://www.nationalgrid.com/uk/Electricity/Balancing/services/Industry+Communications/>

³ <http://www.nationalgrid.com/NR/ronlyres/B3E1514F-5DC8-43D9-9156-90FBB83C0762/50509/StatutoryInstrumentslides.pdf>

2072. It was noted that seven BMUs were issued with Emergency Deenergisation Instructions on 13th September 2011 when, given the nature of the event, they should have been issued with an Emergency Instruction.
2073. CM questioned if there was a mechanism under the Grid Code for correcting an incorrectly issued instruction or missed instruction. It was confirmed by NGET that there is not a mechanism but it is being considered. CM commented that it was Transmission constraints and not just high wind generation that led to the events of 12-13 September 2011.
2074. JN questioned that given the lack of response by some Users to telephone instructions over 12-13 September 2011, what the likelihood would be that Users would respond to instructions issued by EDL. IP confirmed that along with the installation of EDL there will be a programme of education on participation in the Balancing Mechanism and the use of EDL.
2075. The GCRP noted the paper and agreed that an error has been made in the issuing of Emergency Deenergisation Instructions and recommends to the BSCCo Trading Disputes Committee that the incorrectly issued Emergency Deenergisation Instructions should be settled as Emergency Instructions. This will require a retrospective BOA to be inserted into settlement for each BMU identified in the paper pp11/70.

3 Working Groups in Progress

Grid Code Connection Conditions for Small Embedded Power Stations

2076. SC noted that it has been previously agreed to setup a Workgroup. Terms of Reference have been drafted and membership has been updated to include DNOs. National Grid will imminently issue a request for Working Group Members.
2077. **ACTION: SC** Send out revised Terms of Reference and seek members for Workgroup.

LEEMPS Compliance Assessment

2078. TI provided update to the GCRP.
2079. At the September 2011 GCRP it was proposed to delay the creation of this Workgroup until there was a clearer understanding of the European changes. There is currently no further clarity around the European changes and it is proposed to continue delaying the creation of the Workgroup. GCRP agreed to delay creation of Workgroup.
2080. **ACTION:ALL** Review again at January 2012 GCRP to determine if Workgroup should be established.

Frequency Resilience of the Total System - ToR

2081. GS presented draft Terms of Reference to the GCRP.
2082. The proposal is to setup a joint GCRP/DCRP Workgroup and the timescales of the group will be confirmed once the Workgroup is arranged.
2083. It was questioned what the interaction is with the Frequency Response Workgroup that is currently ongoing. GS noted that the Frequency Response Technical Subgroup (TSG) had completed simulations which suggested a Rate of Change of Frequency (RoCoF) of up to 0.68Hz/s was possible and the Frequency Resilience Workgroup will consider the implications of this for the Total System.
2084. It was noted that the Workgroup will test the findings of TSG on the total system and will need to feedback any issues back to the Frequency Response Workgroup.
2085. GP suggested that Frequency Resilience should be wrapped up with the existing Frequency Response Workgroup as this group considers both technical and commercial elements. GS stated that the Frequency Resilience group will need to look at RoCoF and the associated implications for embedded generation and RoCoF protection rather than technical and commercial parameters.
2086. It was suggested that the Terms of Reference are amended to be clearer on the purpose of the group. It was also recognised that DNO involvement in this new group is essential.

2087. **ACTION: GS** Amend Terms of Reference to make explicit reference to RoCoF and establish the new Workgroup

Frequency Response & Technical Sub Group

2088. TI gave an update presentation⁴ to the GCRP.

2089. It was noted that the Technical Sub Group (TSG) report has now been completed and has been circulated around DCRP, BSSG and GCRP. Next stage is for the Frequency Response Workgroup (FRG) to consider the report and its impacts on commercial arrangements. NGET stated that the WG would report in January, GN noted that as there was no FRG meeting date fixed such a timescale was unrealistic and asked for a realistic plan. JB also noted that we would need to understand how a move from 10 seconds to 5 seconds would impact ancillary services.

2090. GP noted that the commercial based service needs to be considered and understood in light of the technical report. A commercial driver may be more appropriate to facilitate enhanced frequency response provision above the current mandatory requirements in the future. CM added that a User will not invest until they understand the commercial arrangements.

2091. It was noted that the proposed changes from the TSG could be trialled to test their impacts to better understand the impact they will have on asset life. The GCRP also recognised that the de-loading of wind is very expensive in terms of BSUoS and queried how likely it would be that wind would be used for Frequency Response.

2092. It was explained that if NGET cannot utilise Frequency Response from wind it will need to be curtailed and replaced with responsive plant that can deliver. It was also noted that if the GCRP assume the demand and generation scenarios used as a basis of the TSG's work are adequately representative, then a mechanism needs to be put in place to ensure enough plant is captured by any new requirements.

2093. The GCRP noted the Workgroup update.

Harmonics (G5/4)

2094. GS informed the GCRP that the next meeting is taking place at the beginning of December and an update will be brought to January 2012 GCRP.

2095. The GCRP noted the Workgroup update.

BMU Configuration of Power Park Modules

2096. GS informed the GCRP that there have been two meetings so far and good progress has been made. There have been a few issues flagged which are being progressed.

2097. Information flow needs to be considered further with proposals being taken to a December Workgroup meeting, further update at January 2012 GCRP.

Electricity Balancing System Group (EBSG)

2098. Shaf Ali gave an update on the Working Group to the GCRP.

2099. It was noted that the third meeting was held 9th November 2011 and the purpose of the group is to facilitate implementation of the new system to go live at the end of 2013. Group is currently considering potential changes to the Grid Code to facilitate the new system and has also created an IT subgroup that will focus on coordination of system testing.

2100. Workgroup is currently considering two main issues; Two Shift Limit (TSL) and modelling of multi-shaft units.

2101. The Two Shift Limit (TSL) issue was discussed for a second time at EBSG and agreement could not be reached on a solution. An industry consultation is likely to be required. BV noted that the TSL issue was brought to the GCRP by a User who had experienced difficulty

⁴ <http://www.nationalgrid.com/NR/ronlyres/334510C0-90A2-4BF8-A79A-A8F50FA83221/50512/TechnicalSubGroupUpdate.pdf>

with its application by National Grid initially in March 2011 and it would be beneficial to Users if this could be progressed as soon as possible.

- 2102. CM questioned the use of the term Two Shift Limits as it has no meaning under BETTA and a more appropriate term or terms should be used in the new EBS for a BMU to indicate number of starts or stops available to the NETSO
- 2103. The Workgroup recognise that the modelling of multi-shaft units is a complex issue and it continues to be examined.
- 2104. It was also noted that the Workgroup has discussed Terms of Reference for the new IT subgroup and is promoting it membership in various industry newsletters.

C/11: BM Unit Data from Intermittent Generation – further meeting

- 2105. SC gave a presentation⁵ to the GCRP.
- 2106. It was noted that the Workgroup held a reconvened meeting on 7th November 2011 to discuss and clarify the C/11 proposals in light of the C/11 consultation responses and NGETs experience over the summer.
- 2107. The Workgroup confirmed their assumption that the reason for the modification was to remove obligation for Intermittent Generation to follow their Physical Notification (PN). NGET noted they are currently able to remind users of their obligation to follow their PN if they have a higher output but under C/11 NGET would lose that ability.
- 2108. The outcome of the meeting was that NGET will look at a warning system for the likelihood of managing constraints. If there is a constraint scenario and NGET informs Users ahead of time, NGET would have the ability to request Users to align with their PN submission. GN reminded NGET and the GCRP that the EU directive on priority despatch for renewables must also be considered.
- 2109. SC noted that this is an interim solution until the power available signal has been developed and that a further meeting is going to be needed. The GCRP agreed for an update to be provided at January 2012 GCRP.
- 2110. IP noted that a joint group is being considered to look at multiple Intermittent Generation issues like power available but need to be careful about scope. It was questioned if this would be in conjunction with EBS and it was confirmed that it would initially be separate but linkages would be identified.
- 2111. **ACTION: IP** Keep GCRP updated with progress regarding creation of a joint group
- 2112. CM noted that the briefing note (pp11/70a) had no mention of inflexible generation like Nuclear or pricing and that it appears wind is being singled out. IP confirmed that it is all intermittent and inflexible generation, not just wind.

4 Working Group Report

Revision of CC7.7 (Maintenance Standards)

- 2113. Louise McGoldrick (LM) gave a presentation⁶ to the GCRP.
- 2114. LM noted that a minor text change to the Grid Code regarding regional differences proposed by the Workgroup. No change is proposed to the dissemination of system fault level information. Additional changes to the STCP 16-1 and 18-1 may be required and will be need to be reviewed under the STC.
- 2115. DC noted that we need to be clear whether its transmission, distribution, user sites etc that need to be examined and it was agreed that this can reviewed as part of a review of 16-1 and 18-1.
- 2116. LM also noted that if Users wish to change the current cost recovery mechanism, this will need to be done under the CUSC.

⁵ <http://www.nationalgrid.com/NR/ronlyres/01CFE8CC-FCEF-4B8C-9301-F84BB953FBBC/50510/C11FurtherMeeting.pdf>

⁶ <http://www.nationalgrid.com/NR/ronlyres/8E305B19-7AED-45E8-A206-F319CD3CD4C2/50515/MSWGUpdate.pdf>

2117. LM sought approval from the GCRP to bring the Workgroup report to the January 2012 GCRP.

2118. The GCRP gave their approval for reporting back in January 2012.

Grid Code Signatories

2119. TD noted that 'Grid Code Signatories' was a paper raised by SSE in conjunction with modification raised for the BSC (p271) and CUSC (CMP191). Both p271 and CMP191 were submitted to the Authority for a decision and have subsequently been rejected. Grid Code Signatories is currently at the point where it can be sent to Industry Consultation or closed.

2120. TD asked the GCRP whether progression of Grid Code Signatories to an Industry Consultation is appropriate given the decision made for p271 and CMP191. It could be a misuse of industry time to draft, read and respond to the consultation.

2121. The GCRP agreed that work should not be undertaken unnecessarily but questioned if this action would be second guessing the decision of the Authority. It was asked if it would be possible to get a 'minded to' position from the Authority regarding this.

2122. **ACTION: TD** Contact the Authority to inform them of the conversation held and seek guidance on next steps

5 Industry Consultations

D/11 System to generator operational intertripping schemes

2123. TI updated the GCRP.

2124. Responses have been supportive but a consequential CUSC change was identified by one respondent. NGET has drafted a CUSC modification for submission to the January 2012 Panel and is delaying submission of the Report to the Authority to align with the CUSC Modification.

2125. It was requested that the D/11 Consultation responses are made available.

2126. **ACTION: TD** Upload D/11 responses to the National Grid website

6 Pending Authority Decisions

A/10 Generator Compliance

2127. Comments received from the Authority on the original Report to the Authority and NGET has responded to these comments. Now with the Authority and NGET is anticipating Ofgem to request a formal resubmission.

7 Outstanding Grid Code Development Issues

Consultation Papers & Development Issues

2128. There were no comments regarding Table 1 of the paper.

2129. Comments related to Table 2 can be found under their respective headings below.

Control Telephony Electrical Standard (Scotland)

2130. AK informed the GCRP that the STC covered conditions for the control telephony interface between NGET and Scotland. This particular issue is about the electrical standard between users and Scotland TOs. AK noted that is not a relevant standard for Scotland to adopt as it is a SO/User relationship rather than a TO/User relationship.

2131. This issue is now closed and will be removed from the development issues log.

Power Park Module Extensions

2132. CM noted that it should be the number of Users impacted that should determine the priority for which development issues are addressed. It was queried how many User are effected by PPM Extensions as the requirements should be put in at the design stage.

2133. GN proposed that in the interim, any extension to a wind farm should be required to meet the standards of the existing wind farm.

8 Approval of Minutes

September 2011 GCRP

2134. The GCRP members made the following comments (in red) and once addressed approved the minutes for publication:

- 1995 - MK noted that the paper should be clear that we are **not** trying to change the underlying performance; simply to make clear what is acceptable and compliant.
- 1919 - the process for notification of changes to **default** levels
- 2017 - This event led to an islanding scenario in which the frequency **dropped increased** to ~50.8Hz. SC agreed that this was a significant event but due to the scope of the RoCoF was not captured. Once the power island was created, National Grid had no view of the frequency within the island, the RoCoF report currently only reports events that National Grid has view of. **MK expressed concern that there was no frequency available in the power island.** The Panel agreed that the report should include system events.

2135. **ACTION: TD** Make amendments and upload minutes on to the National Grid website.

9 Review of Actions

Summary of Actions

2136. All actions were completed unless noted below

Codification of Generic Requirements currently included in the Bilateral Agreements

2137. TI informed the Panel that National Grid needs to ensure the BCAs reflect the latest code changes and future developments making formal codification of generic requirements quite onerous as continuous modifications would be required.

2138. The Panel noted this and requested that the latest BCA Appendix F template being included in offers be available on National Grid's website to ensure transparency of the requirements.

2139. **ACTION: TI** Investigate possibility of publishing latest template on the National Grid website.

Voltage Fluctuations

2140. Minute 1997 - GS informed the Panel that the action is ongoing and an Industry Consultation will be published following further conversation with RL, AC and AK.

2141. GN noted he had reports that NGET are placing 3% Voltage Fluctuation restrictions in Appendix F5 of agreements.

2142. **ACTION: GS** Discuss F5 Voltage Fluctuation restrictions with GN

Significant System Events Report (previously RoCoF Report)

2143. Minute 2016 - ongoing.

2144. Minute 2018 - SC presented⁷ the data which should have been included in the Significant System Events Report regarding an Islanding incident in Scotland. NGET instructed generation to manage the export and it was not the first fault that caused the islanding scenario, another circuit cascaded out which resulted in the islanding.

2145. It was questioned how NGET could instruct generation if they were not aware of the frequency on the island side of the boundary. It was explained that there was an error with the rating of the equipment the boundary and that the boundary was secured based on the information NGET had but at the time NGET were not aware of error with the equipment rating.

⁷ <http://www.nationalgrid.com/NR/rdonlyres/779DDEBD-7E83-43DD-82F4-52FC302A7B8C/50508/ROCOFReport.pdf>

2146. The equipment was operated within its limit and, had the equipment performed as it should have, the system would not have tripped as early as it did.
2147. It was also questioned to what degree NGET has live frequency data from across the system and whether there is a significant incident report that was generated for this islanding event.
2148. **ACTION: SC** Investigate and report to the GCRP how frequency is measured across the system
2149. **ACTION: SC** Investigate the existence of a Significant Incident Report for this islanding event and circulate Final Report to GCRP on the 23 May 2011 incident
2150. Minute 2020 - ongoing. GN noted that the previously named RoCoF Report has been renamed as the Significant System Events Report and requested that NGET use the revised title.

Sloy Busbar Outage

2151. Minute 2033 - TI took this issue to the STC. The Scottish TOs requested more detail on the incident so that they would be able to reliably comment on the issue.
2152. **ACTION: TI** Take additional detail to the December STC Committee meeting and report back to the GCRP

Sub-synchronous Resonance

2153. Minute 1782 - ongoing. GS noted that an Industry Consultation will be published in early 2012. CM requested an update from NGET at the next GCRP.
2154. AF noted that he is experiencing issues on specific stations near an HVDC site. It appears that HVDC trips could be impacting on the operation of the generating units and this has raised concerns that the shaft is oscillating.
2155. GS agreed that if there is a wider issue on the system that this needs to be communicated but currently there is no evidence of an SSR risk on the system. Once the Significant Incident Report is concluded we will be able to share more information but at the minute the investigation is ongoing.

Offshore Wind Farms Not Connected to an Offshore Transmission System

2156. Minute 1796 - ongoing. SC noted that there is a complex set of changes that need to be made and raised a question as to whether the changes required to address the issue were disproportionately complex compared to the issue itself.
2157. The issue still remains that there are sites that do not fall into either of the Power Park Module definitions,
2158. It was questioned whether embedded offshore generation has been considered (eg sites connected to 33kV network and then into distribution network)
2159. **ACTION: SC** Investigate embedded aspect and circulate the draft of Industry Consultation

Demand Control (OC6) Paper

2160. Minute 1853 - ongoing. SC presented⁸ a summary of the issue to the GCRP.
2161. It was noted that all actions have an impact on Suppliers and unnecessary disruption for Suppliers needs to be avoided. It was also recognised that there needs to be a clear understanding of the costs and where the balance is.
2162. **ACTION: SC** Invite Suppliers to the forthcoming workshops

Governance of GCRP

2163. TI noted that unless the Panel believe an explanation of the templates is required the action will be closed. The Panel agreed that an explanation is unnecessary.

⁸ <http://www.nationalgrid.com/NR/ronlyres/4394C636-2313-4D04-BE27-DB980CC5229E/50514/OC6DemandControl.pdf>

Emergency Instructions

2164. SC informed the GCRP that a teleconference was held on 26th October to discuss the use of Emergency Instructions in September 2011 and the compensation arrangements.
2165. The outcome of the discussion was that SSE will be raising a modification to the BSC to address the lack of compensation beyond the settlement period.
2166. JN suggested that BC2.9.2.3 in the Grid Code should be clarified to give Users understanding that the treatment of an Emergency Instruction as a BOA applies to the end of the settlement period only and not for the duration of the instruction.
2167. **ACTION: NGET** Consider modification to the Grid Code
2168. CM noted that Emergency Instructions and Special Actions may not align with generator dynamics which provides additional risk to the Generators. It was noted that Special Actions needs to be added to the Development Issues log and that the Special Actions issue needs to be clarified and resolved.
2169. JN requested that, for clarity, National Grid's fax request for Special Actions to be issued as Emergency Instructions (GCRP 17th February 2011) also confirms that the post-event BOA would similarly apply to the end of the settlement period only.
2170. **ACTION: TD** Add special actions to the development log

Multi Unit BMU update

2171. SC presented the paper to the GCRP.
2172. Enduring solution to this paper is EBS but currently, every 6 months, National Grid clarifies the arrangements are still in place and how often they have been utilised. National Grid sought approval that the arrangements continue.
2173. The GCRP agreed that the arrangements will continue.

10 Standing Items

European Network Codes & Joint European Standing Group

2174. IP noted that the working draft for 'Requirements for Grid Connection applicable to all Generators' is available on the ENTSO-e website and a link has been circulated. Workshops are being held to facilitate feedback and a formal consultation will be published towards the end of January 2012.
2175. The drafting for the Capacity Allocation and Congestion Management (CACM) is currently ongoing. ENTSO-e consultation is expected to take place in April/May 2012.
2176. National Grid recently published a Letter of Support for the JESG indicating our long-term commitment to the group. The next meeting is on 23rd November at Elexon and will focus on Requirements for Generators Code. The presentations will aim to update and outline next steps of the proposals.
2177. BV proposed that minutes should be produced for the JESG as this would help provide the additional detail and discussion behind the headline report. BV noted that DECC and Ofgem have placed significant reliance on the outcome of industry debate at the JESG which is reflected in the recent Authority decision letters for P271 and CMP191. It was suggested that there could be a possible sharing of the secretarial role between National Grid and Elexon.
2178. No agreement was reached in the production of minutes but it was noted that the issues log rather than full minutes may be sufficient to add in this additional detail behind the headline report.
2179. [Post Meeting Note] To augment the headline report and issues log it was suggested at JESG (23rd November 2011) that speaker notes could be added to slides to supplement information contained within presentations.

11 Issues

Space Weather

2180. TI presented the paper to the GCRP and the update was noted by the Panel. The Panel was informed that E3C is aiming to provide an initial report on its findings to DECC by February 2012.

12 Impact of Other Code Modification or Developments

BSC

2181. JL informed the GCRP that the new European BSC objective is now in force and future modifications will now be assessed against this objective.
2182. Modification P276 (Introduce an additional trigger/ threshold for suspending the market in the event of a partial shutdown) is looking at local shutdowns which may not warrant suspending market operations. Modification is currently in assessment and will be going back to BSC Panel in March 2012.

CUSC

2183. IP noted that a special CUSC Panel was held for voting on the CMP192 original and 12 alternatives and that the favoured option was one of the alternatives (4 year pre-commissioning and 2 year post-commissioning).
2184. At the last CUSC Panel a presentation on offshore reactive power was given and that it should form part of a wider reactive power review.

Cross Codes Forum

2185. TD noted that another Cross Codes Forum has not been held since the last GCRP. The next Cross Codes Forum is taking place on 18th November 2011.

Operations Forum

2186. TI gave a presentation⁹ to the GCRP.
2187. The Panel had no comments.

13 Any Other Business

2012 Meeting dates

2188. It was noted that the proposed GCRP meeting on 21st March 2012 clashes with Friends of the Supergrid meeting.

Voting

2189. TD informed the GCRP that they should have received a letter regarding voting for positions on the 2012 GCRP. If members wish to nominate themselves for a position they need to do so by 20th December 2011.

NGET Representative Change

2190. TI informed that GCRP that he will no longer be a National Grid representative on the GCRP due to changing roles within National Grid. GCRP Members thanked him for his input over the past three years and wished him all the best for the future.

⁹ <http://www.nationalgrid.com/NR/rdoonlyres/DB9D0092-1133-4683-801E-231532F4F22D/50513/OperationalUpdate.pdf>

Simultaneous Tap Changing

2191. It was questioned whether the last Simultaneous Tap Changing tests that National Grid conducted 30th June and 21st July 2011 were successful and whether further tests were planned. It was confirmed that the tests were successful and that no further tests are planned as the process is now considered available for use.
2192. JN noted that, whilst Simultaneous Tap Change instructions were referenced in the Grid Code, no description or illustrative instruction set covering the format of such instructions is given. Members wanted to know if there could be some documentation published that would explain the process, along with any templates, so they can pass it on operators so they know how to deal with a request in the future.
2193. **ACTION: SC** Make documentation available on the National Grid website and circulate link to GCRP

Continuous Voltage Control

2194. GN noted that at the meeting held on 31st March 2011 the obligations relating to Continuous Voltage Control from Users with Hybrid Voltage Control Systems were discussed.
2195. At this meeting an interim interpretation of 'continuous' was agreed for all projects.
2196. GN noted that those Users who are currently developing projects are getting messages from National Grid that full stat-com solutions need to be applied to meet the Grid Code definition of 'continuous', not the agreed interim definition.
2197. **ACTION: NGET** Report on all projects that have this interim treatment and their progress to FON.

14 Next Meeting

2198. The next meeting is planned for 18th January 2012 at National Grid House, Warwick. Papers day will be 7th January 2012 rather than 3rd January due to Festive holidays.