

Minutes

Meeting name	Grid Code Review Panel
Meeting number	69
Date of meeting	17 September 2014
Time	10:00am – 2:00pm
Location	National Grid House, Warwick.

Attendees

Name	Role	Initials	Company
Patrick Hynes	Chair	PH	National Grid
Emma Radley	Panel Secretary	ER	National Grid
Alex Thomason	Code Administrator	AT	National Grid
Guy Nicholson	Generators with Novel Units Member	GN	Element Power
Guy Phillips	Large Generator (>3GW) Member	GP	E.ON
Campbell McDonald	Large Generator (>3GW) Member	CMD	SSE
Jim Barrett	Large Generator (>3GW) Member	JB	Centrica
Alan Creighton	Network Operator (E&W) Member	AC	Northern Powergrid
Richard Lowe	Transmission Licensee (SHE Transmission) Member	RL	SHE Transmission
Barbara Vest	Small / Medium Generator Member	BV	Energy UK
Graham Stein	NGET Member	GS	National Grid
Ivan Kileff	NGET Member	IK	National Grid
Julian Wayne	Authority Member	JW	Ofgem
Steve Brown	Authority Alternate	SB	Ofgem
Nick Rubin	BSC Panel Alternate	NR	Elexon
Andy Vaudin	Large Generator (>3GW) Alternate	AV	EDF Energy
Richard Lavender	NGET Advisor	RLa	National Grid
Catherine Hiorns	NGET Observer	CH	National Grid
Lucy Hudson	NGET Observer	LH	National Grid
Franklin Rodrick	NGET Observer	FR	National Grid

Apologies

Name	Role	Initials	Company
Ian Pashley	Chair	IP	National Grid
Alan Barlow	Non-Embedded Customers Member	AB	Magnox
Tom Davies	Non Embedded Customers Alternate	TD	Magnox
Mike Kay	Network Operator (E&W) Member	MK	ENW
Robert Longden	Suppliers	RLo	Cornwall Energy
Neil Sandison	Network Operator (Scot.) Member	NS	SSE
John Lucas	BSC Panel Member	JL	Elexon
John Norbury	Large Generator (>3GW) Alternate	JN	RWE
Sigrid Bolik	Generators with Novel Units Alternate	SBo	Senvion
Gordon Kelly	Network Operator (Scot.) Alternate	GK	Scottish Power
Roger Harris	BSC Panel Alternate	RH	ELEXON
Lisa Waters	Small / Medium Generator Alternate	LW	Waters Wye
Alan Kelly	Transmission Licensee (SPT) Member	AK	SPT
Alastair Frew	Large Generator (>3GW) Alternate	AF	Scottish Power Generation
Dave Draper	Large Generator (<3GW) Member	DD	Horizon Nuclear Power
Brendan Woods	Externally Interconnected System Operators Member	BW	SONI
Brian Punton	Transmission Licensee (SHE Transmission) Alternate	BP	SHE Transmission

1 Introductions & Apologies

3815. PH welcomed the attendees to the meeting and noted that he is chairing the meeting today in place of IP who sends his apologies.

2 Approval of Minutes

a) July 2014 GCRP Minutes

3816. The minutes were approved by the Panel.

ACTION: Upload minutes onto the National Grid website (ER).

3 Review of Actions

a) Summary of Actions

Revision of Engineering Recommendation P28

3817. **Minute 2866: Look into sending a single invite for workgroup members to both the DCRP and GCRP Panels.** GS noted that an invite had been sent from the ENA and ER advised that she would forward on to the Grid Code distribution list. *[Post-meeting note – invite forwarded 17th September 2014]. Action complete.*

GC0063: Power Available

3818. **Minute 3219: Produce Lessons Learned slides.** Lessons learned to be presented after an Authority Decision. **Action ongoing.**

GC0080: RES.

3819. **Minute 3631: Update RES guidance document after updated version agreed and publish on website.** Guidance document to be updated following conclusion of the current review (consequential to action 3792): this is expected in September 2014. **Action ongoing.**
3820. **Minute 3792: NGET to prepare a revised proposal under the Electrical Standards procedure addressing the majority of comments received and provide further update at September Panel.** To be discussed under Item 5. **Action ongoing.**

Technical Appendices

3821. **Minute 3794: Note issues regarding transparency of internal meetings and discuss at September workshop to work out the best way to take forward.** A workshop has been planned for 16 October 2014. **Action ongoing.**

GC0086: Grid Code Open Governance

3822. **Minute 3789: Update GC0086 Terms of Reference and circulate to the Panel for comment and to industry seeking nominations for a Workgroup.** ER advised this had been completed and that an update of GC0086 would be provided under item 5. **Action complete.**

Ofgem HSE Obligation

3823. **Minute 3811: Circulate link to Act which obligates Ofgem to consult with the HSE.** JW advised he would forward the link. *[Post-meeting note – completed 19/9/14]*
Action complete.

Code Administration Code of Practice

3824. **Minute 3812: Circulate link to CACOP and seek input from Panel Members to provide to the Code Administrator's review meeting.** An open letter was sent to all Code distribution lists on 20 July 2014 and the comments received will be fed into the next CACOP review meeting. **Action complete.**

4 New Grid Code Development Issues

3825. There were no new Grid Code Development Issues.

5 Existing Grid Code Development Issues

a) GC0074: GCRP Membership

3826. It was noted that GC0074 had been put on hold whilst GC0086 progresses. GC0074 received 9 responses to its Industry Consultation and ER noted that these would be used to help the discussions on GC0086 along with the other work that had been carried out as part of GC0074. JB noted that it would be helpful to see the responses to GC0074 and ER advised that usually they would be published within the Final Report, but as GC0074 is on hold, she would arrange for them to be published separately on the website and would send out the link.

Action: Publish GC0074 consultation responses and circulate link to GCRP. (ER)
[Post-meeting note – completed 17/9/14]

b) GC0086: GCRP Open Governance

3827. ER advised that the first Workgroup meeting had been held on 10 September 2014 and that discussions had progressed well. ER informed the Panel that the GC0086 Workgroup had looked at the proposed packaging of the various elements of Open Governance by the Code Administrator. The packaging consists of 3 main proposals: (i) The introduction of Open Governance, Proposer Ownership and Workgroup Alternative Modifications; (ii) GCRP Membership and the creation of a Panel Recommendation Vote, and (iii) GCRP Elections and then 4 other separate proposals which could be progressed as standalone modifications: (i) Introduction of an Independent Chair; (ii) Self-Governance; (iii) Fast Track Self-Governance; and (iv) Urgency Process. ER advised that the group were happy with the proposed packaging. ER advised that in the first meeting the group discussed the first element and considered who would be able to raise modifications and how Proposer Ownership would work. ER noted that the next meeting is planned for 2 October where the group will look at GCRP Membership and the election process.
3828. AV asked how the progress of GC0086 and the fact that GC0074 had been put on hold, would affect the next elections which are due to be held in December / January. ER advised that the GC0086 Workgroup would be discussing elections in their next two meetings, but that the work will not have progressed in time for a new election process to be in place for January 2015. BV suggested that current membership could be rolled over if GC0086 is planning to conclude around spring next year. The group

agreed that this may be a sensible approach but a concern was noted around GC0086 not being completed within the timescales anticipated, resulting in the rolling over of elections lasting longer than is appropriate.

Action – Consider the timescales and options for GCRP elections against the progress of GC0086. (ER).

c) RES

3829. GS advised that following comments raised on the last set of guidance, the intention is that a revised suite of documents will be published shortly for approval. AC noted that National Grid have been accommodating in dealing with the comments. CMD asked for clarification regarding the structure of the RES and who it applies to i.e all generators. CMD noted that there was no reference to the RES in some bilateral agreements and it seems very confusing. GS responded that a workshop had been scheduled for 16 October to discuss the content of the technical appendix part of bilateral agreements. GS added that the Electrical Standards procedure is concerned with equipment standards and there are other technical requirements that are referred to within the Grid Code, but acknowledged that this may not be immediately clear to all parties. GS noted that it would be beneficial at the end of the process to get a common set of terminology and a good understanding. CMD suggested that it would be useful to have some information on the website detailing what documents are applicable to each type of party, particularly to provide clarity for new parties. GS agreed that it would be useful to make it clearer on the website and to provide clarification around the obligations. GS advised that the bilateral agreements and Electrical Standards are separate issues but are both important in defining the terms of a connection to the Transmission networks and noted that the workshop is about prioritising the work National Grid does in developing bilateral agreements. He added that it is important to get into the routine of updating the RES under the Electrical Standards procedure and that this should be a standing item at future GCRP meetings. CMD noted that this applies to England and Wales but wondered about the applicability to Scotland. AT went through what is listed on the website - namely five different sets of technical standards. AT suggested that this can be updated that to show what applies to whom as per the discussion above and GS noted that the workshop will be a useful way of gathering a broad range of views. AT commented that it would be good to have a baseline of how it works now and that should assist discussions in the workshop.

Action – Provide an explanation / matrix on the Electrical Standards Documents webpage to portray how the standards apply. Report back on this issue to the November GCRP. (GS)

Action – Transmission representatives to confirm their understanding that the electrical standards procedure applies to the Transmission owner licensed areas in Scotland. RL

6 Workgroups in Progress

a) GC0048: ENC – Requirements for Generators

3830. RW advised that the next Workgroup meeting is on 24 September 2014 and that the draft material for the meeting will be published shortly. RW advised that there is not a great deal of progress to report from the Commission, although a further draft of the code and the commencement of the proper comitology process through meetings of the Cross-Border Committee is expected shortly. The Workgroup will be able to agree how to align the structure to GB codes and think about the task list and the timeline for how these tasks are achieved which is vital in making the most of the time to implement the code once comitology completes.

7 Workgroup Reports

3831. None

8 Industry Consultations

3832. None.

9 Reports to the Authority

a) GC0063: Power Available

3833. RW advised that the next Workgroup meeting is on 8 October 2014, and it is hoped that this will be the final meeting. RW advised that while it would be preferable to reach a consensus and an agreed compromise could also be sought on how to take this forward and what to put in the final report to ensure that stakeholder concerns are best addressed. AV asked whether it will need to be re-consulted on if there are substantial changes. RW advised that it may need to be re-consulted, but that currently the changes are not substantive and it is more a case of considering again which of the options proposed previously is taken forwards. This will be updated following the meeting in October. JB noted that if there is not a consensus, it is still possible to provide multiple options to Ofgem. RW felt that it is preferable for the Workgroup to reach a consensus in order to help Ofgem be in a better position to reach a decision. RW advised that there are currently three options on the table with one option having the majority of support, but noting that there are some alternative opinions amongst the group. JW advised that the Workgroup is better placed to come to a solution than Ofgem are and that it would be helpful to have a single proposed solution in the Final Report. AT noted that if open governance is introduced in the future, then Ofgem would have the 3 options to choose from as they would be presented as formal Workgroup Alternatives similarly to in CUSC Modifications, although a Workgroup Recommendation would also be made in the final report.

3834. RW noted that with this modification, the defect was not particularly clear which subsequently made progress of the work slightly more difficult. PH noted that current practice is to send one proposal to Ofgem and explain the views and concerns in the report. RW advised that when this issue was taken to the May GCRP, there was a feeling that not all the issues had been thoroughly discussed so the group want to make sure that every aspect has been covered appropriately. RW added that the next meeting will hopefully conclude on all the issues and reach either a consensus or agreed compromise. CMD made a point regarding the original defect and how this has changed. RW noted that this will be discussed at the meeting on 8 October. CMD felt that it would be appropriate to do a 'lessons learnt' on this because it had taken a long time and a lot of effort, and it would be beneficial to examine the efficiency of it when the process has finished.

b) GC0076: Rapid Voltage Changes

3835. GS noted that 7 responses had been received to the consultation which closed on 2 May 2014 and they were generally supportive. GS noted that one comment felt that GC0076 was too restrictive on generators and advised that this issue had been addressed. GS added that another comment felt that it was not restrictive enough so work is being carried out at the moment to resolve that and they are still having discussions. GS advised that he anticipates having conclusions to bring back to the November Panel.

c) GC0077: Suppression of SSR from Series Compensators.

3836. GS advised that a late paper was circulated to the Panel regarding GC0077 and talked through the key points in the paper. GS considered a number of options for progression and noted that a Workgroup is proceeding under the auspices of the SQSS Panel and that it may be appropriate to wait for the outcome of this and then

discuss again at a future GCRP. GS ran through the other options listed in the paper for progression. AV advised that options 1 (implement proposals as drafted) and 3 (develop proposals at GCRP) would not be satisfactory in his view and that option 2 (revisit following conclusion of SQSS Workgroup) or option 5 (ask SQSS Workgroup to develop proposal), would be more pragmatic. CMD agreed that he is happy with AV's suggestion. GS felt that option 2 is feasible and it would seem sensible to let the SQSS Workgroup consider the issues, and then bring proposals back to the GCRP. JB asked for clarification on the defect amid concerns on how discussions are progressing in relation to the original problem. AV noted that what seems to have changed from the original proposal is linking it to the future, as yet undefined, provisions in the NETS SQSS, and the additional requirement to put modifications into the BCA's for generators (e.g. generator SSR protection), which raises a concerns about pushing it from the TO mitigating the issue to the generator mitigating the issue. CMD considered whether that is a CUSC issue. PH advised that the specific technical content of the BCA may be determined by what's in the Grid Code, whilst the BCA itself is in place by virtue of the CUSC. AV stated that he believed that the problem has not changed but the proposed Grid Code solution has. PH noted that the SQSS seems to be the document which sets design and operational criteria from where the question stems so it seems sensible to let the SQSS modification run its course, and to use it to inform the Grid Code process would be appropriate. AT asked if there is a time pressure for completing GC0077. GS noted that there was unlikely to be a material impact in the short term so on balance it is more important for the SQSS work to be completed. PH felt that the Authority would perhaps rather wait for the SQSS work to be completed first in order to make an informed decision. PH clarified that for the Scottish TOs the Grid Code is applicable in certain areas but that would be referenced in the applicable STCP's. RW asked if the membership of the SQSS is appropriate to discuss these issues as they pertain to the Grid Code and also if membership of the workgroup was still open. GS advised that membership is still open. BV asked if a list of attendees and the invitation to participate in the group could be re-sent in order for further people to join if they wish.

Action – circulate invite and list of attendees for the NETS SQSS Sub-Synchronous Oscillations Working Group. (ER). [Post-meeting note – completed 18/9/14]

3837. RL noted his original point regarding making sure how individual sites are monitored and who pays for it. GS noted that there is a CUSC process around who pays for connections and modifications. GS added that ultimately there is a dialogue between what different parties need to monitor and manage risks. RL considered whether, in terms of the enduring position, are the right questions being asked and does the SQSS Workgroup / Panel understand the implications on the Grid Code, and if so do their Terms of Reference reflect that? PH agreed that the impact on the Grid Code including the issue of monitoring needs to be considered and addressed to the satisfaction of all parties. RL highlighted that we need to understand what we are asking them to look at. AV added that DC converters would also need to be considered.

Action – Ask the SQSS Workgroup to progress GC0077 work as per option 5 and report back to the GCRP on it, including the issue of monitoring. (GS).

3838. GN highlighted that SQSS GSR018 is mislabelled on the website and that there are no minutes from the last meeting on the website. GS responded that the minutes are not approved yet, so they will be published after approval at the next meeting.

Action – Correct error on website regarding the name of GSR018 (AT).

d) GC0061: Electricity Supply Emergency Code

3839. RW advised that following some clarifications to the legal text, the report should be submitted later today. [Post-meeting note – the Final Report was submitted to the Authority as planned on 17 September 2014].

10 Progress Tracker

3840. ER noted that pp14/50 was circulated with Panel Papers.

11 Pending Authority Decisions

a) GC0052: Assigning DPD References

3841. JW noted that Ofgem had received the report recently and that a decision will be made in line with the 25 day KPI. [Post-meeting note – GC0052 was approved by the Authority on 1 October 2014 and will be implemented on 1 November 2014.

b) GC0083: European Transparency Regulation Implementation

3842. The Panel noted that the decision on GC0083 is expected shortly. [Post-meeting note – GC0083 was approved by the Authority on 26 September 2014 and will be implemented on 1 November 2014.

12 Standing Items

a) European Network Codes

3843. It was noted that pp14/51, the ACER update on European Network Codes, was circulated to the Panel. JW highlighted the RfG code and that it is being progressed by the Commission, but that there is a risk that the time that Member States have to respond may be shortened due to condensed timescales.
3844. RW advised that CACM will be discussed at the next Cross Border Committee meetings, probably in October and November, and it is likely that RfG will follow this.
3845. AV asked about HDVC and how that is progressing. RW advised that DCC and HVDC will be behind RfG but that there is no more visibility than that.
3846. GN asked if there is an update on getting a common set of definitions. RW advised that there has been some trilateral working on it between the Commission, ACER and ENTSO-E but that there is not a recent update. RW added that there is potential for earlier codes to set definitions that are then used elsewhere subsequently which is a complication. ENTSO-E remain keen to progress this, although the definitions, as part of the codes, are subject to the Commission and will become European law.

Action - RW to ask ENTSO-E for an update on the work being carried out to produce a set of common definitions.

b) Joint European Standing Group

3847. It was noted that pp14/52, the JESG Headline Report, was circulated to the Panel. BV advised that the last meeting held in Edinburgh in August was a great success, with 34 attendees and lots of interesting new angles and questions. BV noted that the delays within the Commission are having a knock-on effect with discussions. BV also noted that the JESG is struggling with what the governance process will be with regard to whether each of the codes is indeed a code or a guideline and that ENTSO-E are launching a consultation on this.
3848. BV advised the Panel that the Electricity Balancing Code has just been submitted to ACER and that the next JESG meeting is planned to take place on 15 October 2014.

c) ECCAF

3849. The Panel acknowledged that pp14/53, the ECCAF Headline Report was circulated to the Panel. JB noted that the September and October meetings have been cancelled due to lack of progress by the Commission on the Codes.

13 Impact of Other Code Modification or Developments

3850. A codes summary, pp14/54, was circulated to the Panel
3851. NR noted that the BSC Panel had considered an urgent modification: P314 (Reduction in Price Average Reference from 500MWh to 350 MWh and it had been agreed to progress this under the urgent route. NB noted that this is an alternative to P304. NR advised the group that if they wish to have any more information regarding BSC Modifications then he would be happy for them to get in contact.
3852. GN asked about an item on the Codes Summary regarding the SQSS issue 'Lack of Reactive Compensation Redundancy in Offshore Transmission Networks' with regards to the fact that it did not have a reference number assigned to it. GS responded that this captured a discussion at the SQSS Panel and there is not yet a substantive proposal so therefore there is no issue number as they are not seeking to progress yet, but it is listed on the Code Summary to provide information on the discussion of the issue at the SQSS Panel.

14 Any Other Business

3853. **Outages.** IK presented some slides on Outage Change Management. IK advised that after the issue had been raised at the September and November GCRP meetings, it had been taken to the STC Modification Panel in December 2013. Two STC Workgroup meetings had been held in January and April 2014 and generators with non standard connections in Scotland had been surveyed. IK noted that a number of changes in working practices have been put in place and a draft report is out with the generators who had responded to the survey at the moment for review and responses were expected to be received in the next week. The report will then be finalised and taken to the STC Panel as an interim or final report in October depending on comments, and an update can be given to the GCRP in November if required. CMD advised he is happy with the progress. The material from the STC Workgroup is available on the website at <http://www2.nationalgrid.com/UK/Industry-information/Electricity-codes/STC/Modifications/PM077/>
3854. **How best to get information under CDM (Customer Demand Management).** IK advised that National Grid would be engaging with Suppliers to improve National Grid's understanding of what CDM Suppliers know about and improve the consistency of CDM notifications to National Grid. BV advised that Energy UK have a number of Supplier representatives and that education on this is required and that if there is anything they can do to help engagement then they are happy to do so. IK thanked BV for this offer and agreed that understanding on this issue needs to be addressed.
3855. GN highlighted the overlap of Grid Code issues with SQSS work and noted that the update in the codes summary is useful, but considered whether further thought is needed as to how these issues affect Grid Code parties. GN felt that the Panel may be missing opportunities to join the things up. PH noted that the SQSS is a licence requirement on the TOs and that the governance for that is evolving, but essentially Ofgem approve any changes. PH added that National Grid has a broader role in coordinating the effects of changes. BV noted the obligation on the Code Administrators from the Code Administration Code of Practice (CACOP). AT noted that National Grid is the Code Administrator for the Grid Code and SQSS so they have the responsibility to coordinate the work and engage appropriately. GN noted that he is conscious that issues that came to the GCRP in the past may be being dealt with under

the SQSS, which is entirely appropriate, as long as the awareness is there. GS noted a general feel about bringing more awareness about the SQSS and suggested that National Grid could look into ways to see how we can articulate information and issues better, noting that it is a technical area. The Panel agreed that they are happy that the summary provides the necessary information and they can request more if necessary.

3856. CMD thanked National Grid for organising another Operational Forum for November.

15 Next Meeting

3857. The next meeting is planned for 19 November 2014 at National Grid House, Warwick.