

**Minutes and Actions Arising from Meeting No. 42
Held on 4th February 2010
at National Grid House, Warwick**

Present:

David Smith	DS	Panel Chairman
Malcolm Arthur	MA	Panel Secretary

National Grid

John Greasley	JG	Member
Steve Curtis	SC	Member
Tom Ireland	TI	Member
Julian Lesley	JL	Presenter (Item 8 – Derogations)

Generators with Large Power Stations with total Reg. Cap.> 3GW

John Norbury	JN	Alternate Member
Claire Maxim	CM	Member
Campbell McDonald	CMc	Alternate Member
John Morris	JM	Member
James Anderson	JA	Alternate Member
Jim Barrett	JB	Alternate Member

Generators with Large Power Stations with total Reg. Cap.< 3GW

David Ward	DW	Member
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Generators with Small and Medium Power Stations Only

Barbara Vest	BV	Member
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Network Operators in England and Wales

Mike Kay	MK	Member
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Network Operators in Scotland

Dave Carson	DC	Alternate Member
Neil Sandison	NS	Member

Relevant Transmission Licensees

Graeme Vincent	GV	Alternate for Alan Michie
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Generators with Novel Units

Guy Nicholson	GN	Member
Sigrid Bolik	SB	Alternate Member

Ofgem Representative

Bridget Morgan	BM	Member
Richard Coates	RC	Alternate Member (via teleconference call)

Non Embedded Customers

Alan Barlow	AB	Member
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BSC Panel Representative

John Lucas	JL	Member
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1. Introductions/Apologies for Absence

1308. Apologies for absence were received from Alan Barlow, David Ward, Chandra Trikha, Alan Creighton and Yvonne Ryan.

2. Minutes of Previous Meeting

GCRP – 19/11/2009

1309. National Grid confirmed that as the previous meeting's minutes had not been distributed in sufficient timescales to allow full consideration, that comments can be submitted by the Panel, up until the 15 February 2010.

Action: All Panel Members

1310. Several members did not recall receiving the minutes for the previous GCRP meeting of the 19th November 2010. TI agreed to check their distribution. [post meeting note: previous GCRP meeting minutes had been distributed on 27th January, which was confirmed by members.]

Action: National Grid (TI)

Extraordinary GCRP – 29/1/10

1311. Clarification of the wording of paragraph 8 was requested by MK, as to what precise action had been requested by the E3C working group. The E3C minutes will be checked to see what action was recommended. Once this is clarified between TI and MK, the Panel agreed for the minutes to be posted on the GCRP website.

Action: National Grid (TI)

3. Review of Actions (pp10/02)

1312. The majority of the actions from the previous meetings were the subject of agenda items, except for:

- (Minute 1289) Simultaneous Tap Changing

The group discussed how best to disseminate the information to the relevant parties. It was agreed that National Grid would produce a one page overview, outlining why simultaneous tap changing may be requested and what action is required. This one pager will be circulated to the Panel members and to the commercial contacts for each power station. In addition, National Grid will consider giving a presentation at the Operational Forum.

Action: National Grid

- (Minute 1291) Delegations of Authority

TI gave a brief update of progress. JN observed that progress on this issue had appeared to have stalled and that an update on the current position and how it is to be taken forward would be very useful.

Action: National Grid (TI)

- (Minute 1292) Harmonics

The Chair confirmed a letter had been sent to the ENA highlighting issues with the treatment of Harmonics and proposing a review of ER G5/4. MK stated that the G5/4 document was actually under DCRP governance and requested that the letter was sent to the DCRP, requesting for the work to be undertaken.

Action: National Grid (DS)

- (Minute 1270)

JN reminded the Panel that there was a consequential action within the Authority's decision letter for F/08 and that this was not contained within the outstanding action list. TI confirmed that it would be added to Outstanding Issues and a status update given at the next Panel meeting.

Action: National Grid (TI)

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The sub actions in 1270 relating to Inter connector outage data, speaker systems and intertripping offshore were agreed to be closed.

- (Minute 1273)

TI confirmed that the requested letter had been sent to all DNOs and the Panel requested that all DNO representatives be contacted to ensure that the requested actions had been completed.

Action : National Grid (TI)

- (Minute 1277) - Can be closed as Working Group has been formed.
- (Minute 1278) – Completed
- (Minute 1284) – Closed

4. Grid Code Development Issues

Grid Code Consultation Update

1313. TI gave a summary of the current status of Consultation Papers. CM requested that given the length of the legal drafting for A/10 Compliance, that a version that could be printed in black and white would be beneficial. TI agreed and also added that the 'comment bubbles' could also be removed to reduce the length of the document. This revised document will be made available on the Grid Code Amendments webpage.

Action: National Grid (TI)

Grid Code Outstanding Issues

1314. The Panel agreed that as the two issues "Voltage Range and Frequency Range" and "High/ Low frequency trip settings" had been brought before a Working Group they can be closed and removed from the Outstanding Issues list.

Action: National Grid (TI)

1315. TI informed the Panel that a review of the Current Grid Code issues is being undertaken and will be discussed at the May GCRP meeting.

Action: National Grid (TI)

5. New Grid Code Amendments

1316. None.

6. Working Groups

- **Compliance Working Group**

1317. The consultation on Compliance has been published. The Panel were concerned about the consultation close date considering the length of the consultation document and the consequential changes to other codes that are outlined in the report but were have not been raised at the respected code Panels. Further clarity was sort on how and when the consequential changes were to be addressed. In addition, as the Consultation does not resolve all the issues raised in the working group, it was requested that in parallel with the consultation, these issues are considered / discussion.

Action: National Grid (TI)

- **Gas Insulated Switchgear (GIS)**

1318. Next steps are to develop and draft the legal text for the proposed changes. The

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Panel asked when this would be received and also, where would the majority of the changes are located (e.g. Grid Code or CUSC). It was agreed that National Grid would develop the legal text and discuss with the working group. When agreed, this would be brought back to the Grid Code Panel in May 2010 and the appropriate CUSC Panel meeting. As such the Terms of Reference have been extended from February to May 2010.

Action: National Grid (TI)

▪ Frequency Response

1319. TI provided an overview of the progress so far; the current timetable suggests that the team will wrap up in May 2010. However, it was suggested that a request was likely to be made at the next meeting for an extension to this timetable.

The Panel asked whether the groups ToR covered the consideration of provision of response from power stations not designated as large. It was suggested that consideration of smaller power stations is included in the groups ToR. A question on the interaction of this working group and the request for 'inertia response from wind' and the relevant implementation timescales.

Action: National Grid (TI)

▪ Informal Group Protection Specialist

1320. At the last meeting TI provided an overview of the issue and progress to date. There is an outstanding action to set up bi-lateral meetings with relevant parties. Some concern was expressed at the seeming change in scope from the original. A review of the scope of the issue may need to be undertaken.

Action: National Grid (TI)

▪ Frequency and Voltage Range

1321. TI gave an overview of the progress so far. The inclusion in the ToR of Rate of Change of Frequency (RoCoF) was discussed and the impact of introducing the 1800MW largest loss criteria. National Grid was asked to review the ToR to assess whether Rate of Change of system frequency should be considered.

Action: National Grid (TI)

▪ PNs from Intermittent Generation

1322. SC provided an update. The last meeting was cancelled due to the weather with the next meeting falling in March and consequently the Panel was asked to agree for an extension to the May Panel, to which the Panel agreed.

7. Pending Authority Decisions

▪ B/09 – Grid Code Requirements for Category 5 Intertripping Schemes

1323. The decision on B/09 is dependant on the Authorities decision on CAP170. BM stated that a decision on CAP170 was expected by the end of Quarter 1 in 2010/11 financial year.

8. Authority Decision on the Grain Derogation

1324. Ofgem's decision letter on the granting of a derogation for the connection of new Grain demand was conditional upon National Grid raising with the GCRP:
- the development of arrangements under the Grid Code for monitoring compliance with and enforcement of the code; and
 - the scope to review existing obligations potentially to provide for greater discretion on National Grid part to avoid inefficient use of resources in relation to requests for derogations.

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1325. Julian Leslie gave an overview of the revised process that have been adopted within National Grid aimed at improving the derogation process.
1326. These improvements include the setting up of a dedicated compliance team; revised processes to monitor derogation requirements in a timely manor and the review of all existing derogations to ensure compliance.
1327. The GCRP concluded that they did not see any need for changes to the Grid Code and hence the need for a working group. Instead, it was suggested by a Panel member that the new processes could be subject to independent audit. National Grid will discuss the Panel's view with Ofgem and report back.

Action: National Grid (DS)

9. Basic Electrical Safety Competence (BESC) Accreditation for Non-National Grid APs and SAPs – Progress Report

1328. Apologies were received from Steve Bath who could not attend due to another meeting.
1329. A number of concerns have been raised with National Grid's implementation of NSI30 & BESC. Although the Panel agreed that safety was of paramount importance, the method with which National Grid has chosen to implement the requirements is not acceptable. In addition, Panel members did not see the benefit gained from an additional but lower level qualification.
1330. To cover the concerns of the industry, National Grid offered to set up a dedicated meeting with the industry that included specific BESC trainers. The Panel questioned the benefit of a further meeting. National Grid agreed to further consider this matter and if it felt a meeting would be useful to arrange this as soon as possible.

Action: National Grid (TI)

1331. In addition, the Panel questioned the governance of NSI30. National Grid will reply to the Panel on what governance NSI30 should fall under. TI agreed to redistribute the minutes from the previous one off BESC Implementation meeting held in 2009.

Action: National Grid (TI)

10. Feedback from Transients Workshop

1332. Meeting in January resulted in a number of actions:
- Identify incremental cost of Point on Wave switching
 - Summarize the existing transient references in the code
 - Look at the CIGRE group that has been set up looking at transients
1333. A meeting has been arranged for May prior to the GCRP and will report progress at the next meeting.

11. Constant Terminal Voltage Control

1334. JG gave an overview of National Grid's interpretation of the current Grid Code arrangements and outlined some changes that could be included in the Grid Code that would aid clarity.
1335. There was some concern that National Grid's interpretation may restrict certain generation set up, and basically meant that a generation transformer with a tap changer was required, although not explicitly stated. The Panel did not unanimously agree with National Grid's interpretation but could not agree on an alternative, consensus view.
1336. National Grid stated they would contact the party who raised the query to inform them that the Panel, at this point, could not agree on a view but would offer to give National Grid's view with the caveat this is presently not agreed by the Panel.

Action: National Grid (DS)

1337. It was proposed that the issue may best be resolved via a joint CUSC and Grid Code working group looking at the procurement and obligations for reactive power. It was noted that the CUSC Panel had already discussed a fundamental review of Reactive Power provisions and had suggested such a review could follow the frequency response fundamental review.

12. Special Actions

1338. SC provided an overview of the issue and the proposed solution. Currently faxes are used to agree the set up of special actions at the certain timescales prior to real time, the shortest timescale being day ahead (this is separate to the issuing of the actions).

1339. The Panel agreed that the use of email to receive and agree the set up of special actions was preferred over the use of faxes. It was agreed that National Grid would contact the parties that currently had special actions agreed and request the relevant email addresses.

Action: National Grid (SC)

1340. National Grid agreed to provide the Panel with a note outlining the proposed changes for onward dissemination.

Action: National Grid (SC)

13. Key Performance Indicators (KPIs) for Grid Code Modifications and Processes

1341. DS gave an overview of the proposed KPIs for the Grid Code that would be reported and reviewed at each GCRP. These KPIs are in line with other codes.

1342. A number of additional KPIs were suggested; number of sustained objections that have been received and to reflect the timescale between consultation close and submission of the Report to the Authority.

1343. Panel agreed with the proposed set of KPIs and the additional assessments. National Grid to draft KPIs for next meeting.

Action: National Grid

14. Constitution and Rules

1344. After the Grid Code implementation of Offshore Go Active, a change had occurred within GC3.4 which had not been replicated in the Constitution and Rules. The change related to the number of Relevant Transmission Licensees sat on the Panel.

1345. MK asked how OFTO's were to be represented on the GCRP. DS informed that this was covered by the constitution (two relevant Transmission Licensees members that were voted in to represent all Offshore and Onshore Transmission Owners). It was discussed that there may need to be OFTO representation on the DCRP – MK expressed his view that this had been previously considered but deemed unnecessary after the inclusion of the National Electricity Transmission System Operator as a full DCRP Member.

1346. There was a discussion on the current make up of the GCRP, with a comment from GN, that the current generator membership, with the exception of Novel Units, was categorised by power station size and not fuel sources. GN stated that with government targets for the low carbon economy focus, there would be a change to the fuel mix. GN noted that he officially represented "Novel Units" on the Panel, although this title did not reflect the fact that wind technology is now main stream.

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The Panel discussed alternative names such as, “zero carbon”, “intermittent” and “renewable” and GN agreed to consider this point further.

Action: GN

1347. Ofgem had indicated that, if the Panel agreed, a change to the constitutional rules could be directed without having to pass the Authority.

1348. The Panel agreed to two changes to the Constitution and Rules. Firstly, the correction of the address of National Grid House, from Coventry to Warwick and secondly, to ensure the Panel membership composition, under 5.1(C) accurately reflects the current version of the Grid Code. National Grid agreed to upload the revision version of the Constitution on the webpage.

Action: National Grid

15. GCRP Membership results

1349. Nominations were received and as they equalled the number of open posts all nominations were accepted.

1350. Several minor changes to contact addresses were identified and National Grid agreed to update details and upload the document onto the Grid Code website.

Action: National Grid

16. Impact of Other Code Modifications

1351. JG provided an update of the progress made in ERGEG.

1352. DS provided an update of the CUSC. The BSSG are currently considering changes that may be required to facilitate response being provided by interconnectors.

1353. TI provided information on the initial set up of the Cross Codes Forum to be run jointly by Elexon and National Grid. The first meeting will be held at Elexon’s offices in London on the 19th March. The forum will be split into two parts; an education session in the morning and breakout sessions in the afternoon to discuss relevant topics. TI suggested that in the future if Panel Members had any issues which they believe have cross code connotations, these should be raised at the Panel.

1354. TI gave an overview of some of the information provided at the Operational Forum and an overview of the agenda for the next forum on Wednesday 24th February at the Ardencote Manor Hotel. The Panel agreed that this was a good item to keep on the agenda for future meetings.

17. Any Other Business

1355. SB to send a link to the paper on wind and the Grid Code to the Panel.

Action: SB

1356. It was requested that papers and presentations for both the Panel and working groups are sent out prior to the meetings to allow for a more informed discussion at the meeting.

18. Date of Next Meeting

1357. Next meeting to be held at National Grid House in Warwick on the 20 May 2010. The meeting will commence at 10:00am.